Evaluative Report of the Departments

Sri Siddhartha Medical College

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Evaluative Report of Anatomy

1. **Name of the Department:** Anatomy
2. **Year of establishment:** August,1988
3. **Is the Department part of a School /Faculty of the university?**

   Department of SSMC, Tumkur
4. **Names of programmes offered (UG, PG, Ph.D) :**

   UG MBBS

   PG MD (Anatomy), PhD in Anatomy
5. **Interdisciplinary programmes and departments involved:** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc:** Nil
7. **Details of programmes discontinued, if any, with reasons:** Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**: As per MCI /University Guidelines
9. **Participation of the department in the courses offered by other departments:**

Sl.No	Name of the Course	Name of the Department	Whether Approved by UGC / DCI /PCI / MCI / AICTE
1	BDS	Sri Siddhartha Dental college	DCI
2	MDS	Sri Siddhartha Dental college	DCI
3	BSc Nursing	Sri Siddhartha Nursing college	INC
4	MD Radiology	Sri Siddhartha Medical college	MCI
5	MS E N T	Sri Siddhartha Medical college	MCI
6	MS General Surgery	Sri Siddhartha Medical college	MCI
7	MD Physiology	Sri Siddhartha Medical college	MCI
8	MD Pathology	Sri Siddhartha Medical college	MCI

10. Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/Asst. Professors/others):

Designation	Sanctioned	Filled	Actual(including CAS& MPS)
Professor	01	06	06
Associate professor	02	02	02
Assistant professor	03	06	06
Tutor	04	05	02

11. Faculty profile with name, qualification, designation, area of Specialization, experience and research under guidance:

Sl No	Name	Qualification	Designation	Specialization	No.of years of experience	No. of Students guided (MD/ PhD)
1	Dr.R.Lakshmi Prabha Subhash	MBBSMS	Prof& HOD	Anatomy	30yrs	3/3
2	Dr. Veena Pai	MBBSMS	Professor	Anatomy	25yrs	02
3	Dr. Nagaraj D N	MBBSMS	Professor	Anatomy	39yrs	01
4	Dr. N M Suresh	MBBSMS	Professor	Anatomy	17yrs	01
5	Dr. B S Suresh	MBBSMS	Professor	Anatomy	12yrs	01
6	Dr. Asha K R	MBBS MD	Professor	Anatomy	10yrs	Nil
7	Dr. Anupama D	MBBS MD	Associate Professor	Anatomy	9yrs	Nil
8	Dr.Vinay Kumar K	MBBS MD	Associate Professor	Anatomy	8 yrs	Nil
9	Dr. Kavyashree A	MBBS MD	Assistant Professor	Anatomy	6yrs 11mths	Nil

	N					
10	Dr. Bindurani M K	MBBS MD	Assistant Professor	Anatomy	6yrs 11mths	Nil
11	Dr. Archana B J	MBBS MD	Assistant Professor	Anatomy	6yrs	Nil
12	Dr. Shivaleela	MBBS MD	Assistant Professor	Anatomy	6yrs	Nil
13	Dr Jyothilakshmi G L	MBBS MD	Assistant Professor	Anatomy	4yrs, 6mths	Nil
14	Dr Kiran Kumar S	MBBS MD	Assistant Professor	Anatomy	3yrs 3mths	Nil
15	Dr Afroze MKH	MSc Medical Anatomy	Tutor	Anatomy	1yr 8 mths	Nil
16	Anusha Gudimalla	MSc Medical Anatomy	Tutor	Anatomy	1yr	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: As per the university adjunct faculty list:

Dr Jayarama S Kadandale – Cytogeneticist

Dr Meenakshi Bhat – Genetic Counsellor

Dr Swathi Shetty - Molecular Biologist

13. Percentage of classes taken by temporary faculty - programme-wise information: Nil

14. Programme-wise Student Teacher Ratio: MBBS -10:1, MD -1:1, Ph.D -2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Sl. No.	Designation	Sanctioned	Filled
1	Academic support staff	2	1
2	Administrative staff	1	1

16. Research thrust areas as recognized by major funding agencies:

Genetic lab, Molecular Biology Lab & Anthropometry lab.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Ongoing Projects

1. Chromosomal aberrations in Mental retardation
   Co ordinator- Dr R Lakshmi Prabha Subhash for all ongoing Projects in the Department.
   Co Principle Investigator – Dr Anupama D, SSAHE,
2. Prevalence of congenital anomalies in Tumkur district
   Principle Investigator – Dr.R. Lakshmi Prabha Subhash, SSAHE
3. Effects of maternal anemia on Anthropometric measurements of the Newborn
   Principle Investigator– Dr. Anupama. D , SSAHE, Rs 70,000
4. Genetic conditions and chromosomal studies in association with polydactyly.Dr Asha K R, SSAHE
5. Estimation of sex and stature from dermatoglyphic study of hands and feet.Dr Asha K R SSAHE
6. Study of correlation of stature and sex from metric evaluation of parameters of extremitiesDr Asha K R SSAHE

18. Inter institutional collaborative projects and associated grants received

a. National collaboration b) International collaboration

Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, AICTE, etc, total grants received: Nil

20 Research facility / centre with:

- **state recognition** Nil
- **national recognition**
- **international recognition** Nil

21. Special research laboratories sponsored by / created by industry orcorporate bodies: Nil

22. Publications:

- **Number of papers published in peer reviewed journals (national / international)**

International publication	2014-2015		1.Variation in the origin of Lateral Circumflex Femoral Artery- A Case Report Anupama.D, Lakshmi prabha subhash , Nagaraj,D.N., B S Suresh RJPBCS,Vol4 , Issue 3 ,July-Sep 2013 p818-821.(International) 2.Polythelia or Super numerary Nipple - A Case Report Anupama.D, Girish .,Lakshmi prabha subhash. IJCRR, Vol5(18) Sep 2013 p22-25.(International) 3.Circum Aortic Renal vein- A Rare Case Report. Anupama D ,Lakshmi prabha subhash , Nagaraj,D.N., B S Suresh JCDR, Vol5(18) Sep 2014 p22-25.(International) 4. Papillon Lefevre Syndrome Raghunath , Dr Meenakshi Bhat , Anupama D Pediatric Dermatology,

			Online Nagasree. Lakshmi Prabha . 5.The study of hepatic ducts and its variation in human cadaver.Anatomica Karnataka 6.Sterno costo corocoidian- a case report.RJPBCS Afroze,Lakshmi Prabha. 7.Study of variation in MSCN,CSCN andPCN.jind 2014vol 1(2):p20-4. Kavyasree AN ,Lakshmi Prabha. 8.Morphometric analysis of suprascapular notch in human adult scapula with clinical relevance.RJPBCS.dec 2014.vol5(6):p 741-7.Dr Shivaleela Dr R Lakshmiprabha 9.Reconstruction of femoral length from its proximal fragments and diaphyseal segments in south Indian population" published in RJPBCS,sep 2014;vol5(5):920-5. ISSN 0975-8585 10.Sexual dimorphism of hand digit ratio (2D:4D) in Indian population published in JSIMLA .vol 7, no. 1 , 05-08, March 2015 11.Arm span as predictor of stature among Indian population. Research Journal of pharmaceutical, Biological and chemical sciences. 2015 Jan, Vol6(3):802-806.. ISSN No.0975-8585 12.Agenesis of isthmus of thyroid gland with presence of pyramidal lobe and levator glanulae thyroideae. Journal of International

			Medicine and Dentistry 2014; 1(2): 93-96. ISSN No.2350-045X. 13.Estimation of length of femur from morphometric measurements of it's distal fragments in south Indian population". Published in RJPBCS,SEPT 2014,VOL5(5):1300-6. ISSN 0975-8585 14.Estimation of humeral length from its proximal and distal segments in south Indian population."medico legal update 2015;vol 15(1):55-59.ISSN NO.0971-720X. 15."Incursion of Lumbrical Muscles within Carpal Tunnel: A Cadaveric Study**"** Dr Afroze, Dr R Lakshmiprabha 16.Lung Function Test in Quarry workers", Dr Afroze 17."Variation in Innervation of Lumbricals of Hands" Dr Afroze 18.**"**Study on structural Variations of Palmaris Longus Muscle" Gasroschisis: Recent Trends, Embryology, Material & Infant Risk Factors" Shivaleela C[1], Vinay Kumar K[2], Suresh NM[3] International Journal of Medical Research & Health Sciences; 2014, Vol 3 issue 2 (April-Jun), 480-484. DOI: 10.5958/j.2319-5886.3.2.101; ISSN: 2319-5886. 19.A study of Psychological Profiles of

			rural & urban children with mild mental retardation Suresh NM[1], Basavaraju K[2], Shivalingaiah M[3], Satyanarayana MT[4], Srinivas M[5], Rangaswamy KB[6] Anatomica Karnataka- An International Journal, 2014, 8(2), 37-41. P-ISSN 2229-7545; e-ISSN 2249-5398
	2013-2014		1.An Osteological study of incidence, morphometry of carotico clinoid foraman. RJPBCS, Archana,Shivaleela, Lakshmi prabha.R 2.Anatomical variation in formation of Sural nerve in adult indian cadavers. Kavyasree AN ,Lakshmi Prabha Subhash.JCDR2013 Sept, P:1838-41. 3.Inferior phrenic Artery -Variations in Origin & clinical implications-A Case Study Anupama D., Lakshmi Prabha Subhash, B S Suresh IOSR-JDMSVol 7 Issue 6 p 46-48 (Mar-Apr 2013) (International) 4.Celiaco Mesenteric Trunk- A Case Report Anupama D., Lakshmi Prabha Subhash, B S Suresh IOSR-JPBSVol 6 Issue 6 p 46-48 (July- Aug

			2013) (International) 5. A Study of Variations in the Short Saphenous Venous System with clinical correlation. Anupama.D, Nagaraj,D.N.Lakshmi prabha subhash. IJCRR, Vol5(13) July 2013 p26-36.(International) 6.Variations in Cystic Duct- A Component of Extra Hepatic Biliary System & its Surgical significance Anupama.D, Ramaiah.Lakshmi prabha subhash.,B S Suresh. Anatomica Karnataka. 2013; 7(2): 80-85 (International) 7.'Determination of sex from metric evaluation of cephalic dimensions in North Indian population' accepted in *Indian Journal of Public Health Research & Development*. ISSN: 0976-5506.
	2012-2013		1. A Study of variations in the position of Vermiform Appendix. Anat Karnataka vol 4 (6): 2011 : p 17-23. Lakshmi Prabha 2.Morphological study of supracondylar process of humerus and its clinical implication. Shivleela, Lakshmi prabha.R

			JCDR ;Jan 2013.p 1-3. 3..Analysis of anthropometric indices in Down syndrome children in *open access scientific reports* (December 2012). 1: 522. 4.Estimation of length of femur based on the measurements of its distal fragments. published in *Medico-legal update* July-Dec,2012,Vol.12,No.2 ISSN : 0971-720X. 5.'Palm length – a predictor of stature in Indian population.' published in *Indian Journal of Forensic Science & Toxicology*. July-dec 2012, Vol.6. No. 2, p 182-183. ISSN: 0973-9130. 6.Sex determination from hand dimensions in Indian population' published in *Indian Journal of Public Health Research & Development*. Vol. 3, No. 3, July – Sept 2012 7. "Hereditary Bilateral lacrimal fistula in Twins" . Journal of Pharmaceutical and Biomedical sciences. 2012, december(25);152-55. ISSN. No. 2230-7885. 8."Supracondylar Process of the humerus -A case report" International Journal of Anatomical Variations 2013(6): 98-100
	2011-2012		1.Asha, Lakshmi Prabha R Estimation of stature from cephalic dimension in Indian population. Journal Anatomica Karnataka,

			vol 5(1): p 1-5 April 2011. 2. Anupama D, Lakshmi Prabha R Dual Cystic artery – A Case Report. KCA.. Journal of Anatomica Karnataka. vol 5(2): 2011 : p 52-4. 3.Lakshmi Prabha R, Asha.Duplication of optic canal. IJAV, Accepted 09047 Dec 2011. 4.Asha, Lakshmi Prabha R .Analysis of Anthropometric indices in Downs's syndrome children. Open access scientific report. vol 1 2012. P 1-6. 5. Palm length a predictor of stature in Indian population (Journal of Forensic Medicine). 11th Oct 2012 online. Asha, Lakshmi Prabha R.
	2010-2011		1.Atlanto Occipital Assimilation Lakshmi prabha subhash , Anupama.D, Nagaraj,D.N., B S Suresh SSMC Journal (Others) 2.Variations in the blood supply of Suprarenal gland- a Case Report Anupama D,Anatomica Karnataka. 2010; 4(2): 57-60(State) 3. Variation in the origin of Splenic artery. A Case Report Lakshmi Prabha Subhash., Anupama D.

			Anatomica Karnataka. 2010; 4(3):12-14 (International) 4. 'Stature estimation using finger length in the Indian population' Dr Asha Published in Journal of South India Medicolegal Association vol.3,No.1,March 2011 pp.19-22. ISSN: 0974-6196. 5.'Estimation of stature from cephalic dimension in Indian population' Published in Anatomica Karnataka vol-5, no:1, April 2011, pp. 1-5. ISSN: 2229-7545. 6.'Variations in the blood supply of supra renal gland – a case report.' Published in Anatomica Karnataka, vol-4 (2) page 57-60 (2010). ISSN: 2229-7545.
National publication	2014-2015		Nil
	2013-2014		Nil
	2012-2013		1.Variation in the origin of inferior thyroid artery. Nagasree. Lakshmi Prabha 4.National journal of medical science.June 2013.p 82-4. 2."Study of Muscular branch of Median Nerve to Pronator teres". National journal of clinical anatomy. Vol.(2) pg 68-71.2013
	2011-2012		Nil

	2010-2011		1. 'Morphometry of hand – a predictor of stature in Indian population' Published in Man and life, vol.36 (3-4),pp. 181-186 ISRAA, Bidisa. 2. ISSN : 0972-4109. Pub Id 100-499-419. Holoprosencephaly Suresh NM, Dhananjaya BS, Omkar Murthy Anatomica Karnataka, 2010, 4(1), 73-75. ISSN 2229-7545.

- **Monographs** —NIL
- **Chapters in Books** — 01 Craniofacial anthropometric analysis in Down Syndrome' published in textbook entitled "New developments in Down Syndrome Research" (Nova Science publishers, New York).
- **Edited Books** —NIL
- **Books with ISBN with details of publishers** —NIL
- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):**
- **Citation Index** — range / average: Range: 0-4 Average: 1
- **SNIP**
- **SJR**
- **Impact Factor — range / average:**

  Range: 0 — 1.26 Average: 1

  h-index: Range: 0 — 1 Average: 1

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / Industries in India and abroad: Nil

26. Faculty serving in update:

a) **National committees b) International committees c) Editorial Boards d) any other (please specify):**

1. Dr.R.Lakshmi Prabha Subhash- Member of Board of Studies, RGUHS.
2. Dr. N M Suresh-Secretary , Karnataka Chapter of Anatomists
3. Dr. Vinay Kumar K, Vice President, IMA, Tumkur Branch.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

The faculties are regularly attending Conferences, Workshops and Seminars conducted by other institutions and universities. Every faculty is entitled to receive financial support from the university once in a year for national events and once in three years for international events.

Conferences / workshops conducted			
	2012-2013		State level CME on Medical Genetics, Genetics and Management of Infertility.
	2011-2012		State level CME on Medical Genetics, Management of Genetic disorders in Pregnancy and Newborn.
	2010-2011		1.Organised CME on Medical genetics – Research & Clinical Applications at SSMC Tumkur on 30th July 2010 2.Actively participated in organizing National CME on " Recent advances in Embalming and Museum techniques" at Kempegowda Institute of Medical Sciences , Bangalore on 11th December 2010

28. Student projects:

- **Percentage of students who have done in-house projects including inter-departmental projects** : PG-100%
- **Percentage of students doing projects in collaboration with other universities / industry / institute**: Under graduate project in 2012- ICMR STS 2012 by Arjun V A under the guidance of Dr. Anupama D

Student projects	2014-2015	11	1.A study of community response to voluntary body donation to medical colleges in Tumkur district 2. Homocystinuria –A case study
	2012-2013		To study chromosomal aberrations in mentally retarded children of special schools in Tumkur district by Arjun V A , An ICMR STS Project

29. Awards / recognitions received at the national and international level by Faculty: 04,

- Best Paper award with Gold medal to **Dr Asha K R** in National Conference of Basic Medical Sciences at Salem on 13th April, 2012

  Dr Shivaleela Awarded BEST POSTER at National conference on "Recent Advances in Clinical Embryology" on 18th& 19th January 2014 held at D Y Patil Medical College, Kolhapur, Maharashtra for poster "Right sided Congenital pulmonary hypoplasia in a neonate- A Case Report".

Awards	2014-2015	01	Best poster presentation At 37th annual conference of Association of Anatomists – Tamilnadu for Dr Afroze
	2013-2014	01	Best poster award At National conference on "Recent Advances in Clinical Embryology Dr Shivaleela C
	2012-2013	02	Best paper award At National Conference of Basic Medical Sciences at Salem for Dr Asha K R

			Best paper presentation At 35th annual conference of **Association** of Anatomists – Tamilnadu For Dr Afroze

- **Doctoral / post doctoral:** BEST PAPER PRESENTATION at 35th annual conference of Association of Anatomists - Tamilnadu in the year 2012-2013.
  BEST PAPER PRESENTATION at 37th annual conference of Association of Anatomists - Tamilnadu in the year 2014-2015
- **Students**: 01, **Arjun V A** was awarded with scholarship from informer organization for his project in the Dept under the guidance of Dr Anupama D.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

3 state level CMEs on Genetics funded by SSAHE & SSMC.

1. State level CME on Medical Genetics Research and Clinical applications on 30- 07-2010.
2. State level CME on Medical Genetics Management of Genetic disorders in Pregnancy and Newborn on 19th August 2011.
3. State level CME on Medical Genetics, Genetics and Management of Infertility on 10th August 2012.

List of seminars conducted	2014-2015		Nil
	2013-2014		Nil
	2012-2013		15
	2011-2012		15
	2010-2011		20

31. Code of ethics for research followed by the departments: Yes, As per various National Governing bodies and Institutional Ethical Committee guidelines

32. Student profile programme-wise: **2009-15 Regulars**

Name of the Programme	**Applications**	**Selected**	%

(refer to question no. 4)	received	Male	Female	Male	Female
1.MBBS	150				
2009-2010	150	58	92		
2010-2011	150	741	76		
2011-2012	150	88	62		
2012-2013	150	73	77		
2014-2015	150	81	69		
2.MD					
2009	02	02	-	100	-
2010	02	00	02	-	100
2011	01	00	01		100
2012	00	-	-	-	-
2013	00	-	-	-	-
3.PhD					
2013	02	02	nil	50	-
2014	04	03	01	75	25

33. Diversity of students:

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students otheruniversity rom oer universities	% of students from universities outside the State	% of udents from other countries
MD	40%	60%	0%	-
Ph D	0%	40%	60%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Nil

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-

Ph.D. to Post-Doctoral	-
Employed • Campus selection	- 100%
Entrepreneurs	-

36. Diversity of staff:

% of faculty who are graduates from same university	25%
% of faculty who are graduates from other universities in the same state	63%
% of faculty who are graduates from universities from other states outside the country	12%
universities from outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to Library: Yes

No. of reference books: 164

No. of books for circulation: 164

a) Internet facilities for staff and students: No

b) Total number of class rooms: 04

c) Class rooms with ICT facility: 04

d) Students' laboratories: 02

e) Research laboratories: 03

39. List of doctoral, post-doctoral students and Research Associates: 05

a) from the host institution/university

b) from other institutions/universities

Research Associates:

1. Harshal K L- Research Associate- Cytogenetics wing
2. Abhilash - Research Associate- Molecular genetics wing

PhD students:

1. Sangamesh S Rakaraddi- Pre PhD completed

2. Dr. Afroze MKH
3. Anusha Gudimalla.

40. Number of post graduate students getting financial assistance from the University:

Nil

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians and subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of theExpert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regarding the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10):

SI. No.	**Name of Student**	**Qualification**	**Present position**
1	Dr.Vinay Kumar K	MD (Anatomy)	SSMC
2	Dr. Raghavendra	MD (Anatomy)	K S Hegde ,Mangalore
3	Dr. Kavyashree A N	MD (Anatomy)	SSMC
4	Dr. Vandana	MD (Anatomy)	Navodaya, Raichur, Bangalore
5	Dr.Archana B J	MD (Anatomy)	SSMC
6	Dr. Nagashreee	MD (Anatomy)	Kerala
7	Dr Vidya K H	MD (Anatomy)	SIMS& RC, Tumkur
8	Dr Krishnaveni	MD(Anatomy)	Chennai
9	Dr Shilpakala	MD(Anatomy)	Savitha M C,Chennai

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. No	Topic delivered	Name of the speaker	Benificiary
1.	Guest talk on Lab diagnosis of genetic disorders SSMC on Dec 2010.	Dr Jayarama S Kadandale	U G & P G Students
2.	demonstration of dissection of whole body	Lippincott Williams company	Students and Staff
3.	Guest talk on Genetics counseling on June 2010.	Dr Meenakshi Bhat	Students and Staff
4.	Anatomy quiz	Elsivier's	U G students
5.	Guest talk on Genetic counseling in obstetrics and Gynecology SSMC on	Dr Meenakshi Bhat	Students and Staff

	March 2011.		

45. List the teaching methods adopted by the faculty for different programmes:

Use of LCD Projector, Group discussion, class room teaching, laboratory training and hands on experience. Multimedia & other modern Teaching aids are being used for teaching.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Evaluating by internal assessment examination, Practical examination, Viva voce, Repeated Table tests, Seminars& journal clubs.

47. Highlight the participation of students and faculty in extension activities.

Apart from the academic activities the faculty and students are involved in other activities including social awareness program like Medex(Medical Exhibition), Body Donation Awareness and Health awareness programmes (Safety precautions for handling of bodies to health personnel) the public.

Extension activities	2014-2015 2013-2014 2012-2013 2011-2012 2010-2011		1.The college organizes activities addressing environmental issues. 2.Students participate and donate blood in the Blood Donation Camps 3.Sapling planting programme is being conducted every year on World Environment Day. Staff also participate in Planting of Tree Saplings 4. Students involved in imparting Nutritious education to the villagers through exhibition & role-play. 5.They are also involved in the community developmental activities like cleaning the area, white washing the school building, laying mud roads, tree plantation and regular watering of the plants etc.

48. Give details of "beyond syllabus scholarly activities" of the department.

The students and faculty were involved in Sports and extracurricular activities , both intra and interdepartmental competitions.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details : No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

> Invited speakers for delivering recent trends in Anatomy
> Health awareness programme for body donors and general public
> Conducting state level conference,CMEs, seminars, workshop for updating current scenario
> Attending state, national and international conferences to interact with eminent scientists
> Conducting Medex (Medical exhibition) to create health awareness among the public.
> Innovative teaching methods — Integrated teaching,
> Train staff and P G students in full fledged Anthropometry lab in the Dept.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Well qualified and experienced Faculty.
- Adequate infrastructure like, classroom, Lab space, equipments, etc... on par with other leading national level institutes.
- Full fledged Genetic and Molecular biology laboratory facilities.
- Started PhD course in Anatomy.
- Involved in research projects

Weakness:

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

The Research and Development should be strengthened in addition to regular teaching.

.**Opportunities:**

1. A well established voluntary body donors association
2. Opportunity to pursue PhD program in the department with good research facility

Challenges:

To over come the hurdles in bed side integrated teaching

52. Future plans of the department.

Ongoing- Centre of excellence in the field of Genetics

Mobile Museum.

Evaluative Report of Physiology

1. **Name of the Department:** Physiology

2. **Year of establishment** : 1988

3. **Is the Department part of a School/ Faculty of the university?** :

Department of Sri Siddhartha medical college

4. **Names of programmes offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D. Litt., etc.)**

UG : MBBS,

PG : MD (Physiology),
Ph.D Physiology

5. **Interdisciplinary programmes and departments involved:**

MD (Physiology)-Biochemistry,

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**: NIL.

7. **Details of programmes discontinued, if any, with reasons:** NIL

8. **Examination System: Annual/Semester/Trimester/Choice Based credit System**: Annual

9. **Participation of the department in the courses offered by other departments:**

Si. No,	Name of the Course	Name of the Dept	Whether Approved by UGC / DCI /PCI /
1	BDS,	Sri Siddhartha Dental college,	DCI
2	B.Sc. (Nursing), Diploma (Nursing)	Sri Siddhartha College of Nursing	Nursing Council of India

10. Number of teaching posts sanctioned, filled and actual Professors/Associate Professors/Asst. Professors/others):

Designation	Sanctioned	Filled	Actual (including
Professor	01	02	02
Associate Professor	02	02	02
Asst. Professor	04	07	07
Tutors	05	05	05

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualification	Designation	Specialization	No. of Years of	No. of Ph.D./ MD students guided
Dr. BASAVARAJU.K	**MBBS,** MD	Professor &	Physiology	17	2
Dr.SENDIL KUMARAN D	**MBBS,** MD	Professor	Physiology	12	1
Dr.THEJASWINI K.O	**MBBS,** MD	Asso. Professor	Physiology	6	Nil
Dr SHASHIRAJ H.K..	MBBS, MD	Asso. Professor	Physiology	5	Nil
Dr.SHOBHA M.V	MBBS, MD	Asst. Professor	Physiology	4	Nil
Dr. DEEPALI .A	MBBS, MD	Asst. Professor	Physiology	3	Nil
Dr. KAVITHA B S	MBBS, MD	Asst. Professor	Physiology	2	Nil
DR.ARIFUDDIN M.K.	MBBS, MD	Asst. Professor	Physiology	2	Nil
DR.SHILPA M	MBBS, MD	Asst. Professor	Physiology	2	Nil

DR.SAMEER AHAMED KHAN	MBBS, MD	Asst. Professor	Physiology	2	Nil
DR.KUSUMA R	MBBS, MD	Asst. Professor	Physiology	4M	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

As per the university adjunct faculty list: Dr Dandinashivara Venkateshaiah Murulidhara

13. Percentage of classes taken by temporary faculty — programme-wise information:

a) 10% kannada language classes for non kannadiga students

b) 5% classes on constitution of India

14. Programme-wise Student Teacher Ratio: MBBS 13:1, MD 1:1,

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Sl. No	Designation	Sanctioned	Filled
1	Academic support staff	1	1
2	Administrative staff	1	1

16. Research thrust areas as recognized by major funding agencies:

a) Event related potential laboratory b) Autonomic functions laboratory. Both laboratories are being funded by Sri Siddhartha University.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

a) Dr Arifuddin - Comparitive Study Of Anthropometric Measurements And Metabolic Status In Healthy Offsprings With And Without Parental History Of Hypertension In Age Group 18-30.

b) Dr Basavaraju - A Comparitive Study Of PEFR Among Jas Toll Workers Who Are Exposed To Motor Vehicular Exhaust And In Normal Individuals

c) Dr Deepali - A Cross Section Study Of Prevalance Of Recent Onset Of Headache Among First Year Mbbs Students

d) Dr Kavitha - Assessment Of Emotional Quotient Among Freshers In Mbbs Course

e) Dr Kusuma - Correlation Of Hba1c And Ecg Changes During Exercise In Dm

f) Dr Shashiraj - Gender Differences In Learning Style Preferences Among Under Graduate Physiology Students Of Ssu. A Questionnaire Based Study

g) Dr Shilpa - Effect Of Multi Tasking On P300 Latency And Amplitude In Young Adults

h) Dr Shobha - Study Of Metabolic Syndrome Components In First Dcegree Relatives Of Type 2 Dm In The Age Group 30-40 Years

i) Dr Thejaswini - Study Of Association Of Physiological Parameters With Lipid Profile In Offsprings Of Hypertensive Patients

All the above ongoing projects are being funded by SSU.

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration – ICMR collaborated student projects**.**

b) International collaboration:

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, AICTE, etc.; total grants received: NIL

20. Research facility / centre with:

- **state recognition** - NIL
- **national recognition** YES (MCI)
- **international recognition** - NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Nil

22. Publications:

* Number of papers published in peer reviewed journals (national / international) National: 34 International: 04
* Monographs —NIL
* Chapters in Books —NIL
* Edited Books —NIL
* Books with ISBN with details of publishers —NIL
* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO
* host, etc.): NIL
* Citation Index —range / average: NIL
* SNIP:
* SJR:
* Impact Factor — range / average: Range: 0 — 0.9 Average: 0.2
* h-index:

International publication			
	2010-2011	1	Age related changes in melanodealdehyde: total antioxidant capacity ratio- a novel marker of oxidative stress- Dr Sendilkumaran D
National publication	2014-2015	4	
	2013-2014	6	
	2012-2013	3	
	2011-2012	3	
	2010-2011	2	

23. Details of patents and income generated:

Number of patents granted: NIL

Number of patents filed: NIL

24. Areas of consultancy and income generated: Under processing.

25. Faculty selected nationally / internationally to visit other laboratories /institutions / Industries in India and abroad: NIL

26. Faculty serving in update -- a) National committees b) International committees c) Editorial Boards d) any other -- Association of Physiology and Pharmacology (APPI) member of Bangalore chapter.

List of membership of committees of university	2014-2015		Dr. Basavaraju K-(Member) Board of studies
	2013-2014		Dr. Basavaraju K- -(Member)Board of studies
	2012-2013		Dr. Sendil kumaran D- -(Member)Board of Management
	2011-2012		Dr. Sendil kumaran D- -(Member)Board of Management
	2010-2011		Dr. Sendil kumaran D--(Member) Board of Management

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

The faculties are regularly attending Conferences, CMEs, Workshops and Seminars conducted by other institutions and universities. Every faculty is entitled to receive financial support from the university once in a year for national events and once in three years for international events.

28. Student projects:

- **Percentage of students who have done in-house projects including inter-departmental projects** : 100% of PG Students
- **Percentage of students doing projects in collaboration with other universities / industry / institute:**

Student projects	2014-2015	Student Meera G Prajwal S Spandana S P Kanimozhi K Sushmitha maria Serrao Manoj N Anusha S G Kavya N G	1.BP profile of children of hypertensive parents of 2014-15 batch. guide- Dr. Thejaswini K O 2. Study of Distribution of ABO & Rh Blood group systems among undergraduate students of 14-15 batch. Dr.Shashiraj 3. Estimation of MCHC in undergraduate students of 14-15 batch- Dr. Sendil Kumaran 4. Assessment of muscular performance using Ergography among undergraduate students of 14-15 batch.- Dr.Shilpa M 5.assessment of hearing status among students using tuning fork tests. Dr.Basavaraju K 6. estimation of BMI in students of Diabetic parents. Dr.Shoba M V 7.comparative physiology of Cardiovascular system Dr. Kavitha BS 8. comparative physiology of central Nervous System.

		Dileep Y K Gowri Devi T G	Dr.Sameer 9.assessment of visual acuity using snellen's chart in childrens of Myopic parents. Dr. Deepali 10.gender differences in vital capacity among undergraduate students using Student spirometer. Dr. Arifuddin
	2013-2014		
	2012-2013	Shashank Bharadhwaj	Study of Heart rate variability, Fasting blood sugar and lipid in first degree relatives of patients with T2DM Dr.Sendil Kumaran D

29. Awards / recognitions received at the national and international level by

- Faculty: 1
- Doctoral / post doctoral (PDF): NIL
- PG Students : Nil

Awards	2014-2015	-	-
	2013-2014	-	-
	2012-2013	-	-
	2011-2012	-	Mind and Life institute award (2011) for Summer research school at Garrison Institute, New york
	2010-2011	-	Prakruti Manidr prize (2010) for the best research in yoga awarded by Association of Physiologist and Pharmacologist of India

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

25.	List of seminars conducted	2014-2015	4	
		2013-2014	8	
		2012-2013	20	
		2011-2012	28	
		2010-2011	36	

SEMINAR TOPICS FROM 2010 JUNE – APRIL2011

DATE	TOPIC	SPEAKER	CO-ORDINATOR
1/6/2010	HOMEOSTASIS	DR SHOBHA	DR ARUNKUMAR
8/6/2010	TRANSPORT ACROSS CELL MEMBRANE	DR SHANTALA	DR BASAVARAJU
15/6/2010	RESTING MEMBRANE POTENTIAL	DR NAGALAXMI	DR NIRANJAN MURTHY
22/6/2010	NEURO MUSCULAR JUNCTION	DR DEEPALI	DR RAVINDRA
29/6/2010	SECOND MESSENGERS	DR DEEPIKA	DR SENDILKUMARAN
6/7/2010	SYNAPTIC TANSMISSION	DR VIVEK	DR VENKATESH
13/7/2010	REFLEXES	DR KAVITHA	DR VIJAY KUMAR
20/7/2010	PHYSIOLOGY OF PAIN	DR SHOBHA	DR ARUNKUMAR
27/7/2010	VISUAL PATHWAY	DR SHANTALA	DR BASAVARAJU
3/8/2010	COLOUR VISION	DR NAGALAXMI	DR NIRANJAN MURTHY
10/8/2010	MECHANISM OF HEARING	DR DEEPALI	DR RAVINDRA
17/8/2010	INNER EAR	DR DEEPIKA	DR SENDILKUMARAN
24/8/2010	EEG	DR VIVEK	DR VENKATESH
31/8/2010	SLEEP	DR KAVITHA	DR VIJAY KUMAR
7/9/2010	POSTURE	DR SHOBHA	DR ARUNKUMAR
14/9/20110	BASAL GANGLIA	DR SHANTALA	DR BASAVARAJU
21/9/2010	CEREBELLUM	DR NAGALAXMI	DR NIRANJAN MURTHY
28/9/2010	ANS	DR DEEPALI	DR RAVINDRA
5/10/2010	HYPOTHALAMUS	DR DEEPIKA	DR SENDILKUMARAN
12/10/2010	TEMPERATURE REGULATION	DR VIVEK	DR VENKATESH

19/10/2010	ANTERIOR PITUITARY	DR KAVITHA	DR ARUNKUMAR
26/10/2010	THYROID FUNCTIONS AND DISORDERS	DR SHOBHA	DR SHASHIRAJ
2/11/2010	INSULIN	DR SHANTALA	DR BASAVARAJU
9/11/2010	ADRENAL CORTEX	DR NAGALAXMI	DR NIRANJAN MURTHY
16/11/2010	ADRENAL MEDULLA	DR DEEPALI	DR RAVINDRA
23/11/2010	HORMONAL ASSAYS	DR DEEPIKA	DR SENDILKUMARAN
30/11/2010	POSTERIOR PITUITARY HORMONES	DR VIVEK	DR VENKATESH
7/12/2010	PLACENTAL HORMONES	DR KAVITHA	DR ARUNKUMAR
14/12/2010	LOCAL HORMONES	DR NAGALAXMI	DR NIRANJAN MURTHY
21/12/2010	LEARNING AND DISORDERS	DR DEEPALI	DR RAVINDRA
28/12/2010	MEMORY AND DISORDERS	DR DEEPIKA	DR SENDILKUMARAN
4/1/11	SPERMATOGENESIS	DR SHOBHA	DR ARUNKUMAR
11/1/11	SEX DIFFERENTIATION	DR SHANTALA	DR BASAVARAJU
18/1/11	MENSTRUAL CYCLE	DR NAGALAXMI	DR NIRANJAN MURTHY
25/1/11	PHYSIOLOGY OF CONTRACEPTION	DR DEEPALI	DR RAVINDRA
1/2/11	PHYSIOLOGICAL CHANGES IN PREGNANCY	DR DEEPIKA	DR SENDILKUMARAN
8/2/11	G I HORMONES	DR VIVEK	DR VENKATESH
15/2/11	PEPTIC ULCER	DR KAVITHA	DR SHASHIRAJ
22/2/11	PATHOPHYSIOLOGY OF JAUNDICE	DR SHOBHA	DR ARUNKUMAR
1/3/11	G I MOTILITY	DR SHANTALA	DR BASAVARAJU
8/3/11	LIVER FUNCTION TESTS	DR NAGALAXMI	DR NIRANJAN MURTHY
15/3/11	PATHOPHYSIOLOGY OF HEMOLYTICANEMIAS	DR DEEPALI	DR RAVINDRA

22/3/11	HEMOSTASIS	DR DEEPIKA	DR SENDILKUMARAN
29/3/11	BLEEDING DISORDERS	DR VIVEK	DR VENKATESH
5/4/11	ANTICOAGULANTS	DR KAVITHA	DR ARUNKUMAR
12/4/11	PATHOPHYSIOLOGY OF HYPERTENSION	DR DEEPALI	DR NIRANJAN MURTHY
19/4/11	MICROCIRCULATION	DR DEEPIKA	DR RAVINDRA
26/4/11	RETICULO-ENDOTHELIAL SYSTEM	DR VIVEK	DR SENDILKUMARAN

SEMINAR TOPICS FROM JUNE 2012– APRIL2013

DATE	TOPIC	SPEAKER	MODERATOR
04-06-2012	PHYSIOLOGICAL ANATOMY OF KIDNEY	DR KAVITHA B S	DR ARUN KUMAR V J
18-06-2012	GLOMERULAR FILTERATION	DR ARIFUDDIN M K	DR BASAVARAJU K
02-07-2012	DYNAMICS OF RENAL BLOOD FLOW	DR AYESHA JUHI	DR SENDIL KUMARAN
16-07-2012	MECHANISM OF URINE FORMATION	DR TANWIR ALAM	DR TEJASWINI
30-07-2012	COUNTER CURRENT MECHANISM	DR NASIR AHAMAD	DR SHASHI RAAJ
13-08-2012	ROLE OF KIDNEY IN ACID BASE BALANCE	DR KAVITHA B S	DR ARUN KUMAR V J
27-08-2012	NON EXCRETORY FUNCTIONS OF KIDNEY	DR ARIFUDDIN M K	DR BASAVARAJU K
10-09-2012	ARTIFICIAL KIDNEY	DR AYESHA JUHI	DR SENDIL KUMARAN
24-09-2012	PHYSIOLOGY OF MICTURATION	DR TANWIR ALAM	DR TEJASWINI
08-10-2012	RENAL FUNCTION TEST	DR NASIR AHAMAD	DR SHASHI RAAJ
22-10-2012	ORGANISATION OF NERVOUS SYSTEM	DR KAVITHA B S	DR ARUN KUMAR V J
12-11-2012	PHYSIOLOGY SYNAPTIC	DR ARIFUDDIN M K	DR BASAVARAJU K

	TRANSMISSION		
26-11-2012	NEURONAL CIRCUITS FOR PROCESSING INFORMATION	DR AYESHA JUHI	DR SENDIL KUMARAN
10-12-2012	DORSAL COLUMN	DR TANWIR ALAM	DR TEJASWINI
24-12-2012	SOMATOSENSORY CORTEX	DR NASIR AHAMAD	DR SHASHI RAAJ
07-01-2013	PHYSIOLOGY OF PAIN	DR KAVITHA B S	DR ARUN KUMAR V J
21-01-2013	SPINAL CORD AND REFLEX	DR ARIFUDDIN M K	DR BASAVARAJU K
04-02-2013	CORTICOSPINAL TRACTS	DR AYESHA JUHI	DR SENDIL KUMARAN
18-02-2013	MOTOR CORTEX	DR TANWIR ALAM	DR TEJASWINI
11-03-2013	BASAL GANGLIA	DR NASIR AHAMAD	DR SHASHI RAAJ

SEMINAR TOPICS FROM JUNE 2013– APRIL2014

15-07-2013	CEREBRAL CORTEX	DR TANWIR ALAM	DR BASAVARAJU K
13-08-2013	PHYSIOLOGY OF SPEECH	DR NASIR AHAMAD	DR SENDIL KUMARAN
17-09-2013	LIMBIC SYSTEM	DR TANWIR ALAM	DR TEJASWINI
15-10-2013	MEMORY	DR NASIR AHAMAD	DR SHASHI RAAJ
12-11-2013	BEHAVIOUR AND MOTIVATION	DR TANWIR ALAM	DR BASAVARAJU K
17-12-2013	EEG	DR NASIR AHAMAD	DR SENDIL KUMARAN
21-01-2014	PHYSIOLOGY OF SLEEP	DR TANWIR ALAM	DR TEJASWINI
18-02-2014	ORGANISATION AND FUNCTION OF AUTONOMIC SYSTEM	DR NASIR AHAMAD	DR SHASHI RAAJ

SEMINAR TOPICS FROM 2014 JUNE – APRIL2015

DATE	TOPIC	SPEAKER	MODERATOR
17-06-2014	PHYSIOLOGY OF VISION	DR NASIR AHAMAD	DR BASAVARAJU K
15-07-2014	PHYSIOLOGY OF	DR NASIR AHAMAD	DR SENDIL

	HEARING		KUMARAN
20-08-2014	PHYSIOLOGY OF OLFACTION	DR NASIR AHAMAD	DR TEJASWINI
23-09-2014	PHYSIOLOGY OF TASTE	DR NASIR AHAMAD	DR SHASHI RAAJ

31. Code of ethics for research followed by the departments: Yes As prescribed by various National Governing bodies and Institutional Ethical Committee guidelines

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MBBS					
MD					

33. Diversity of students:

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from oer other universities within the State	% of students f rom universities outside the State	% of students from other countries
MBBS (12-13)	Nil			
MD	0%			

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: NIL

35. Student Progression:

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-

Employed • Campus selection	- 100%
Entrepreneurs	-

36. Diversity of staff :

	Doctoral	PDF	RA
From host institution	PhD: Nil, MD: 10	Nil	Nil
From other institution	Nil	Nil	Nil

37. Number of faculty who were awarded M.Phil, Ph.D., D.Sc. and D.Litt. during the assessment period: NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library: No. of Books: 80

b) Internet facilities for staff and students: YES

c) Total number of class rooms: 01

d) Class rooms with ICT facility: 03

Percentage of faculty who are graduates	
of the same university	27%
from other universities within the State	73%
from universities from other States	
from universities outside the country	

e) Students' laboratories: 03

f) Research laboratories: 01

39. List of doctoral, post-doctoral students and Research Associates:

40. Number of post graduate students getting financial assistance from the University: 1

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians and concerned subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two

experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

d. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

e. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

f. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10)

Sl.	***Name* of Student**	**Qualification**	**Present position**
1	Dr Jiji.K.A	MD Physiology	International faculty at St. Matthew's University. Cayman islands.
2	Dr. Deepika Kamath (Gold medalist SSU, 2009-2010)	MD Physiology	Assistant professor at K.S.Hegde Medical College, Mangalore.

3	Dr. Ayesha Juhi (Gold medalist SSU, 2010-2011)	MD Physiology	

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. Nil

45. List the teaching methods adopted by the faculty for different programmes: LCD Projector, Group discussion, class room teaching, laboratory training and hands on experience.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The students are assessed periodically through internal assessment tests and at the end of the programme with the annual examinations wherein both theory and practical skills are assessed.

47. Highlight the participation of students and faculty in extension activities. Apart from the academic activities the faculty and students are involved in other activities including social awareness program conducted by various departments of the college and medical exhibition programme which is conducted by the university annually which helps to generate medical awareness among rural population of Tumkur district, students and faculty members also participate in cultural and sports activities which are conducted by the college and also represent university at various events organized elsewhere in the State and in the Country.

48. Give details of "beyond syllabus scholarly activities" of the department.

The students participate in the student research projects which allow them exposure to basic research methodology.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details - Under processing for NAAC accreditation.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Attending national and international conference to interact with eminent scientists
- Attending research methodology workshops which will help us to generate and promote research activities by the students.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Well qualified and experienced Faculty.
2. Adequate infrastructure like, classroom, Lab space, equipments, etc
3. Research activities

Weakness– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities of the Department

i. Optimal utilization of the infrastructure and opportunities given for conduct of the research for the faculty and students to contribute to the health of the society.

Challenges to the Department

i. Transfer knowledge gained from the Research activity to the beneficiaries like community at large and students.
ii. To contribute to meet the vision and mission of Sri Siddhartha Academy of Higher Education and Research, at the earliest

52. Future plans of the department.

- To establish autonomic functions and sleep study laboratory
- To promote Enrollment of the departmental faculty for fellowship programmes and research activities.

Evaluative Report of Biochemistry

1. **Name of the Department** - Department of Biochemistry
2. **Year of establishment**: 1988
3. **Is the Department part of a School/Faculty of the university?-** Yes Department is part of Sri Siddhartha Medical College and Sri Siddartha Academy of Higher Education
4. **Names of Programmes / Courses offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**

   UG Courses:MBBS

   PG Courses : Nil
5. **Interdisciplinary courses and departments involved-**

- With department of anatomy and physiology regarding integrated teaching for first MBBS course
- Collaboration with other clinical departments for laboratory services

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** : NIL
7. **Details of programmes / courses discontinued, if any, with reasons** : NIL
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**

   Annual
9. **Participation of the department in the courses offered by other departments-**

   MD Physiology, MD Pathology
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Designation	Sanctioned	Filled	Actual (includingCAS & MIPS)
Professor	01	01	01
Associate Professors	01	02	02
Asst. Professors	03	05	05
Tutors	04	04	04

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualifi-cation	Desig-nation	Speciali-zation	No. of Years of Expe-	No. of Ph.D./ MD students guided
Dr Hamsaveena	MBBS, MD	Professor & Head	MD Biochemistry	11years 6months	Nil
Dr Srikrishna K	MBBS, MD	Associate Professor	MD Biochemistry	9 years 11 months	Nil
Dr Satisha T G	MBBS, MD	Associate Professor	MD Biochemistry	11 years	Nil
Dr Raghunandana R	MBBS, MD	Asst. Professor	MD Biochemistry	4 year 11 months	Nil
Dr Bhargavi S K	MBBS, MD	Asst. Professor	MD Biochemistry	4 year 9 months	Nil
Dr Shivakumar	MBBS, MD	Asst. Professor	MD Biochemistry	4 year 10 months	Nil
Dr Pawan A Kulkarni	MBBS, MD	Asst. Professor	MD Biochemistry	4years	Nil
Dr Shilpa V	Msc, PhD	Asst. Professor	Medical Biochemistry	4 months	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Dr J S Nageshwara Rao MSc, PhD

13. Percentage of classes taken by temporary faculty-programme-wise information : NIL

14. Programme-wise Student Teacher Ratio

UG Courses: 12.5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled and actual

Post	Sanctioned	Filled
Technicians	03	01
Administrative staff	01	01

Research thrust areas recognized by funding agencies

Nil

16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Ongoing projects

Sl* No	Title of the Project	No. of faculty	Funding agency	Amount & Duration of Project
1	Study of hsCRP, insulin resistance and lipid profile in pre hypertension	01	-	

List of ongoing projects	2014-2015	7	Study of Atherogenic index of plasma in diabetics and non-diabetics among urban and rural women Study Of HsCRP And Lipid Profile In Pre Hypertension To Study The Metabolic Profile of polycystic ovarian disease patients And Correlate To Degree Symptoms Of PCOD Role of HsCRP and Atherogenic lipid indices in early detection of renal function decline in type 2 diabetes mellitus Evaluation Of Serum Magnesium Levels In Diabetes Mellitus Comparison Of Hypothyroidism And Cardiometabolic Risk In Type 2 Diabetes

			Mellitus Prevalence of Hepatitis B Virus, Hepatitis C virus, and HIV in patients of chronic liver disease
	2013-2014	1	Diabetes mellitus among women in urban and rural population- A cross sectional study
	2012-2013	1	Diabetes mellitus among women in urban and rural population- A cross sectional study
	2011-2012	1	Diabetes mellitus among women in urban and rural population- A cross sectional study
	2010-2011	1	Diagnostic importance of serum adenosine deaminase inTuberculosis patients

17. Inter-institutional collaborative projects and grants received: a) All India collaboration b) International : NIL

18. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received.

Nil

20. Research facility / centre with

- **State recognition**: Nil
- **National recognition**: Nil
- **International recognition**: NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

22. Publications:

- **Number of papers published in peer reviewed journals (national / international),**

Total : 29

International publication	2014-2015	3	Cariappa K.B, Sathisha T G,Hamsaveena. "Sequels of smoking on blood lipid levels in a rural population of south India". Research and Reviews: Journal of medical and health sciences 2014; 3(2): 23- 25 The impact of T2DM on Thyroid Profile and out

			comes in a female population . Sathisha TG , Cariappa et al RJPBCS. 5[2],2014:1554-60. Bhaskari J**, Shilpa V,** Rahul Bhagat, Premaltha CS, Pallavi VR, Ramesh G, Lakshmi Krishnamoorthy. Investigating impact of VEGF polymorphisms in epithelial ovarian cancers: A study in the Indian population. Accepted for publication in PLoS ONE.
	2013-2014	3	Cariappa k.b, Hamsaveena. " moderate alcohol intake and high density lipoprotein cholesterol". International journal of pharmacy and biological sciences 2014; 4(1): 92- 94 Evaluation of serum butrylcholinesterase activity as biomarker for predicting risk of ischemic heart disease Girish m.desai, raghunandana .r, anand k.boyapati and archana c.nandyal Int j pharm bio sci 2014 jan ; 5 (1) : (b) 1198 – 1204 Role of gamma-glutamyl transferase in evolution of coronary artery disease Girish m.desai, r.raghunandan, m.s.dharapur, rizwan merchant, rajeshwari khandre Int.J.Curr.Res.Aca.Rev. 2014.2(2): 187-193
	2012-2013	2	Shalini M, Srinivasa Murthy AG, Suresh Babu KP, **Hamsaveena**, Girish B, Mounika K. " Diabetes among women in Urban and rural population- A cross sectional study". *Research Journal of Pharmaceutical, Biological and Chemical Sciences.* Apr-June 2013; 4(2): 1762-1769 Role of RDW in thyroid dysfunction. Dr. Geetha J P**, Srikrishna R**. *International Journal Of*

			Biological and Medical Research. 2012; 3(2):1475-1478.
	2011-2012	3	**Hamsaveena**, Rashmi M.V. " A comparative study of random urine protein: creatinine ratio with 24 hour urine protein excretion in Diabetic Nephropathy". *Indian journal of Public Research & Development*. 2012 Apr-june; 3(2): 56-57 Sunil kumar Nanda and **Hamsaveena Murthy**. " Role of plasma lactate and arterial blood gas as prognostic marker in Acute respiratory distress syndrome patients receiving mechanical ventilation". *Biomedical Research* 2011; 22(4): 459- 461 Asymptomatic Bacteriuria in Pregnancy. R J Girish Babu **R Srikrishna**, S T Ramesh. *International Journal Of Biological and Medical Research*.2011;2(3):740-742.
	2010-2011	2	Immunological correlation of oxidative stress markers in tuberculosis patients – Suresh.D.R, Annam.V, Pratibha.K, **Hamsaveena**. *International journal of biological and medical research* 2010:1(4):185 – 187 Age related changes in malondialdehyde : total antioxidant capacity ratio- A novel marker of oxidative stress. Suresh.D.R, Sendil.K, Annam.V, **Hamsaveena**. *International journal of pharma and biosciences* 2010 :V1(2): pages 1- 6.
National publication	2014-2015	4	Study of Association of Anemia in Sub-clinical and Overt Hypothyroid Patients.

			Srikrishna R, Girishbabu R J, and Ramesh ST. *Research Journal of Pharmaceutical, Biological and Chemical Sciences.* May–June 2015. 6(3) Page No. 368-373. Study of High Sensitive-CRP and Cardiac Marker Enzymes in Acute Coronary Syndrome. **Srikrishna R**, Ramesh ST and Girishbabu R J, *JKIMSU, April-June 2015*. 4 (2)107-113. Early cardiovascular risk markers in uremia: a new insight. **Srikrishna R,** Suresh D R, Neelesh. S.Shah. *Indian Journal of Public Health Research & Development. January-March 2014, 5(1)114-117.* Rani James, Rahul Bhagat, Ramesh G, Lakshmi Krishnamoorthy, **Shilpa Chadaga,** Girija Ramaswamy. Association of Vascular endothelial growth factor (VEGF) single nucleotide polymorphisms (SNPs) on prognosis of breast cancer patients. Accepted for publication in Indian Journal of Cancer.
	2013-2014	3	**Hamsaveena**, Shalini.M, Cariappa.K.B. " Lipid Accumulation Product as a novel index to predict Diabetes in Women". R*esearch Journal of Pharmaceutical, Biological and Chemical Sciences* 2014; 5(2):760- 763 Is pseudocholinesterase related to lipid metabolism in coronary artery disease? *girish m.desai, **raghunandana r**, shreeshail ghooli3, netravati sajjan1

			Journal of biomedical and pharmaceutical research 3 (2) 2014, 09-14 A cross sectional study of serum gamaglutamyl transferase acitivity with reference to atherogenic lipid indices in patients with ischemic heart disease Girish m. Desai, **raghunandana r**, kiran kumar akka, basawaraj c. Bandi Journal of evolution of medical and dental science eISSN- 2278-4802, pISSN- 2278-4748/ Vol. 3/ Issue 10/Mar 10, 2014; 2655-2662

- **Monographs**-NIL
- **Chapters in Books**-NIL
- **Edited Books** -NIL
- **Books with ISBN with details of publishers**-NIL
- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)** : 29
- **Citation Index – range / average**
- **SNIP**
- **SJR**
- **Impact Factor – range / average**
- **h-index:**

23. **Details of patents and income generated** :NIL
24. **Areas of consultancy and income generated** :NIL
25. **Faculty selected nationally/ internationally to visit other laboratories in India and abroad** : Nil
26. **Faculty serving in**

a) **State committees**: 02
b) **National committees**: Nil
c) **International committees** : Nil

d) Editorial Boards: Nil

e) any other leases specify : NIL

Sl. No	Name of Faculty	Name of Association	Role
1	Dr Hamsaveena	Association of medical Biochemist-Karnataka Chapter	Executive committee member
		Journal of clinical and diagnostic research	Review Member
2	Dr Srikrishna R	Association of medical Biochemist-Karnataka Chapter	Executive committee member

List of membership of committees of university	2014-2015	1 1 1	Member of Board of studies committee Member of Medical education unit Executive member of AMBKC
	2013-2014	1 1 1	Member of Board of studies committee Member of Medical education unit Executive member of AMBKC
	2012-2013	1 1 1	Member of Board of studies committee Member of Medical education unit Executive member of AMBKC
	2011-2012	1 1	Member of Board of studies committee Member of Medical education unit
	2010-2011	1 1	Member of Board of studies committee Member of Medical education unit

27. Faculty recharging strategies(Refresher / orientation programs, workshops, training programs and similar programs).

Faculty participate in teachers training programme conducted by the Medical Education Unit of Sri Siddhartha Medical College for updating various teaching learning methods. Faculty participate in training programme on laboratory quality management & internal audit as per ISO 15189. Faculty also participate in various National and state conferences to keep themselves updated in the subject.

28. Student projects

- **percentage of students who have taken up in-house projects including inter-departmental projects**
- **percentage of students doing projects in collaboration with other universities / industry / institute**

Student projects	2014-2015	5	1. Study of LFT in malaria 2. Study of RFT in diabetes 3. Study of Lipid profile in diabetes 4. Study of Electrolytes in myocardial infarction 5. Study of Electrolytes in gastroenteritis
	2013-2014	6	1. Charts on pathology, etiology, risk factors, symptoms, blood sugar levels and investigations of Diabetes mellitus 2. Charts on Free radicals 3. Charts on vitamins and their deficiency manifestations 4. Charts on Minerals and their deficiency manifestations 5. Charts on alkaptonuria, Lesch-Nyhan syndrome Mucopolysaccharidoses, Albinism 6. Charts on Tumor markers and their significance
	2012-2013	3	Charts on endocrine disorders

			Charts on free radicals Charts on etiopathogenesis, diagnosis and management of diabetes mellitus
	2011-2012	2	Charts on vitamin deficiencies Charts on free radicals
	2010-2011	3	Charts on diagnostic criteria for Diabetes mellitus Charts on free radicals Charts on vitamin deficiencies

29. Awards / recognitions received at the national and international level by

- **Faculty**
- **Doctoral / post doctoral fellows**
- **Students**
- **Dr. Hamsaveena has been appointed as KMC observer for State conference and CME's**
- **Dr. Madanika P was awarded with the best paper at AMBI-BIOCON 2014**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Conferences attended	2014-2015	2	Participated in Basic course workshop in Medical education technologies conducted by St. John's Medical college
	2013-2014	2	Attended AMBKCCON-2014 conducted by SDUMC, Kolar
		1	Participated in Basic course workshop in Medical education technologies conducted by St. John's Medical college
	2012-2013	7	a) Attended AMBKCCON-2013 conducted by JJMMC, Davangere

		5	b) Attended AMBICON-2013 conducted by CMC, Ludhiana
	2011-2012	1	c) Has undergone 4 day training programme on " Laboratory quality management and internal audit as per ISO 15189: 2007"
		1	b) Has attended training of teachers workshop on Medical education

Code of ethics for research followed by the departments

The details of research proposal is presented to institutional ethical committee of Sri Siddharatha Medical College and approval will be taken.

31. Student profile course-wise:

Name of the Course (refer to question no. [4])	pplications received	Selected Male Female	Pass percentage Male Female
MBBS (Batch 2013-14)			

32. Diversity of students:

Name of the Course (refer to	% of students from the	% of students from other universities	% of students from universities	% of udents from other
MBBS (12-13)	NIL			

33. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.: NIL

34. Student progression:

Student progression	Percentage against enrolled
UG to PG	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	78%
from universities from other States	22%

from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: NIL

38. Present details of infrastructural facilities with regard to

a) Library: Department Library with Total of 126 books

b) Internet facilities for staff and students: Available

c) Total number of class rooms: 2 Demonstration Rooms

d) Class rooms with ICT facility and 'smart' class rooms Students' laboratories: 02 Undergraduate Laboratories

e) Students' laboratories

f) **Research laboratories**: 01 Research Laboratory

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university: NIL

b) from other universities :NIL

40. Number of post graduate students getting financial assistance from the university: Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The new programme was planned and discussed with all the staff members in departmental meeting. The details of the same were presented in BOS (Pre clinical) meeting including members from other department and experts from outside the university. Approval of BOS committee was obtained. The Chairman of BOS committee recommended the programme to the academic council.

42. Does the department obtain feedback from

g. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

h. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

i. **Alumni and employers on the programmes offered and how does the department utilize the feedback?**

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. **List the distinguished alumni of the department (maximum 10)** Nil

44. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.** Nil

45. **List the teaching methods adopted by the faculty for different programmes including clinical teaching.**

MBBS: Didactic Lectures, Practicals, structured student Seminars, Tutorials, Problem based learning.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

The learning outcome are monitored by formative assessment like monthly test, students seminar and tutorials. Summative assessment is based on student performances in internal assessment and university examination

47. **Highlight the participation of students and faculty in extension activities.**

Yes.

Students participated from department of Biochemistry in Medical exhibition conducted by Sri Siddhartha Academy of higher education.

Faculty and Students participated in helmet awareness programme “Helmethon” conducted by university.

Faculty and students participate in annual sports meet conducted by Sri Siddhartha Medical College and cultural & literary fest conducted by the university.

Extension activities	2014-2015	Nil	
	2013-2014	1	Participated as resource person in orientation programme for post graduate students conducted by Medical education department of SSMC, Tumkur
	2012-2013	2	Participated as resource person in orientation programme for post graduate students conducted by Medical education department of SSMC, Tumkur
		1	Participated as resource person in orientation programme for interns conducted by Medical education department of SSMC, Tumkur
	2011-2012	1	Participated as resource person in orientation programme for post graduate students conducted by Medical education department of SSMC, Tumkur

48. **Give details of "beyond syllabus scholarly activities" of the department**: Nil

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The Clinical Biochemistry Laboratory participates in External Quality Assurance Programme from Christian Medical College, Vellore for the routine Biochemical parameters.

Based on the performance the laboratory gets a grade which is used for analysis of performance

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Faculty have presented papers and posters in various state and national conferences by sharing their knowledge with fellow biochemists.

The faculty have nearly 29 publications which have added new knowledge or added to the existing knowledge of biochemical basis of disease process which helps in better patient care.

51. Detail any five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1) Well qualified and enthusiastic faculty members
2) Well qualified and trained technical staff
3) Supportive administration and management
4) Active learning methods employed for teaching
5) Updating knowledge by faculty members periodically by participating in training programmes, CME's and conferences

Weakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities

1) Enthusiastic staff adopting innovative methods of teaching make learning of biochemistry interesting to students.
2) A comfortable atomosphere in the department encourages faculty to achieve more.
3) Vast green campus in rural setup with well equipped library facility motivates students to focus on their academics.
4) Various cultural and sports activities going on in the campus enable students' overall development along with academics.

Challenges

1) To establish post graduation course – MD Biochemistry
2) To provide exposure to first MBBS students in research activities in stipulated time.
3) To improve the standard of clinical biochemistry lab to get accreditated by NABL.
4) To upgrade the research laboratory to enable the faculty to take up advanced research.

52. Future plans of the department.

We planned for development of department in all aspects like academics, research and diagnostics. We would strive to get postgraduation course in Biochemistry in near future.

Teaching:

With all faculty getting trained by Medical Education Department for improving teaching learning methods, we would implement innovative teaching methods to make learning

Biochemistry easier. Traditional lecture classes will be made into interactive/ case based/Problem based lectures. More & more small group teaching methods will be employed. OSPE method of evaluation will be introduced for formative assessment.

Diagnostic Services

Our hospital being a tertiary care centre, we want to upgrade clinical biochemistry laboratory with addition of hormonal assays and molecular diagnostic techniques like PCR. We will strive to give quality reports by good laboratory practice for better patient care.

Research

Faculty will take up newer projects for research and would bring out more publications.

Students also would be encouraged to take up smaller research projects to orient them towards research methodologies.

Evaluative Report of Pharmacology

1. **Name of the Department** Pharmacology

2. **Year of establishment** 1988

3. **Is the Department part of a School/ Faculty of the university?** Yes, medical college

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D. Litt., etc.)**

UG	MBBS, BDS
PG	Nil
Others	Nursing

5. **Interdisciplinary programmes and departments involved:** Yes, PG programs for postgraduates in medical and dentistry
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Initiating a program with Abbott pharmaceuticals for knowledge genie programs (CME)
7. **Details of programmes discontinued, if any, with reasons:** Not applicable
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System :** As per MCl/University Guidelines – annual
9. **Participation of the department in the courses offered by other departments:** Postgraduate training in clinical pharmacology
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):**

Designation	Sanctioned	Filled	Actual (including
Professor	1	3	3
Associate Professors	2	1	1
Asst. Professors	2	5	5
Tutors	3	3	3

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	Qualifi-cation	Desig-nation	Speciali-zation	No. of Years of	No. of Ph.D. MD students guided
Dr. Manjunath. G. N	MBBS, MD	Professor & Head	Pharmacology	20	Nil
Dr. Naveen Kumar	MBBS, MD	Professor		15	Nil
Dr. Swamy. R. M	MBBS, MD	Professor		13	Nil
Dr. Priyadarshini Bai	MBBS, MD	Associate Professor		7	Nil
Dr. Nandini. T	MBBS, MD	Assistant Professor		6	Nil
Dr. Purushotham. K	MBBS,MD	Assistant Professor		6	Nil
Dr. Lohit. K	MBBS, MD	Assistant		5	Nil
Dr. Vani. J	MBBS, MD	Assistant		3	Nil
Dr. Anitha. P	MBBS, MD	Assistant		3	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: ? Nil

13. Percentage of classes taken by temporary faculty — programme-wise information: NIL

14. Programme-wise Student Teacher Ratio: 1:24- UG

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Designation	Sanctioned	Filled
Administrative staff	1	0
Technicians	2	2
Attenders	2	2
Any other (General worker)	1	1

16. Research thrust areas as recognized by major funding agencies:

> Compliance in Diabetes
> Medication safety
> Pharmacovigilance

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

Sl. No	**Name of Faculty**	**Title of on-going projects**	**National / Internat-**	Name of Funding	Grants Received!
1	Dr.Lohit. K	The Knowledge, attitude and practice on Diabetes and its compliance among non diabetic and diabetic patients.	National	SSU	Applied
2	Dr. Manjunath GN	Validation of questionnaire on pharmacovigilance			NIL
3	Dr. Lohit	KAP on ADR reporting			NIL

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration: NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, IC S SR, AICTE, etc.; total grants received: NIL

20. Research facility / centre with:

- state recognition MCI recognized equipments available, Pharmacovigilance
- national recognition

- international recognition - NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies: NIL

22. Publications:

Number of papers published in peer reviewed journals (national / international)

- National: 13
- International: 14
- Monographs : NIL
- Chapters in Books : NIL
- Edited Books : NIL
- Books with ISBN with details of publishers: NIL
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):
- Citation Index — range / average: Range: 0.12 — ; Average:
- SNIP: NIL
- SJR : NIL
- Impact Factor — range / average: Range: 0.12 — 0.96; Average: 0.46
- h-index: Range: Average:

International publication	2014-2015		1. Kumarjit S, **Manjunath GN**, Dhananjaya BS**, Lohit K.** Prescription pattern of drugs during pregnancy in a tertiary care centre: A retrospective study. Journal of International Medicine and Dentistry 2015:2(1): 30-35. 2. Manjunath G N. Health insurance - a boon or bane? Journal of International Medicine and Dentistry 2015; 2 (1): 01-02 3. Lohit K, Nitin Kunnoor, Mangala Rao, Denis Xavier. Effects of Curcuma longa

			Linn. on electroconvulsive therapy (ECT) induced retrograde amnesia. Med. Res. Chron., 2015, 2 (2), 251-257. ISSN No. 2394-3971
	2013-2014		1. Shubha R, Madhav K Savkar, Manjunath GN. "Self medication pattern among dentists with antibiotics". Journal of Evolution of Medical and Dental Sciences 2013; 2(46):9037-41. 2. Shubha R, Praveen Prasad SN, Manjunath GN. "Role of undergraduate clinical pharmacology teaching in rational prescribing: an internee´s perception". Journal of Evolution of Medical and Dental Sciences 2013; 2(46):8874-9. 3. Dr. Shubha R, Dr. S.N.Praveen Prasad, Dr. G.N.Manjunath. Self medication pattern of antibiotics among non-practicing allopathic doctors. Int J Biol Med Res. 2013;4(3):3458-60 4. Mani P, Swamy RM, Manjunath GN. Attitude of dental students towards their oral health care. Res J Pharm Biol Chem Sci 2013;1(1):755-9 5. P. Ravikumar, G. Priyadarshini Bai, H.V. Chandrashekar. Study of electrolyte disturbances in acute asthma. Int J Biol Med Res. 2013;4(3):3479-82. 6. G. Priyadarshini Bai, P. Ravikumar, L. Padma. A comparative study of safety

			and efficacy of Ritodrine versus Nifedipine in the management of preterm labor. Res J Pharm Biol Chem Sci 2013;4(3):1388-97. 7. Dr. Praveen kumar Doddamani, Dr. Srikanth, Dr. Nandini T, Dr. Rathai Rajagopalan. Prevalence and antibiogram of enterococcus species in a tertiary care hospital. WJPP 2013;2(5):2689-2698. 8. Dr. Nandini.T, Dr. Rathai Rajagopalan, Dr. Ravi D. Mala. Perceptions and patterns of self medication among medical undergraduates in South India. World Journal of Pharmaceutical Research 2013;2(6):2517-2524.
	2012-2013		
	2011-2012		1. Naveen kumar, Hanji Chandrashekhar Veerabhadrappa, Manjunath GN, Swamy RM and Dipanjan. Study of co-relation between Ischemic Heart Disease (IHD) and Dermatoglyphics. Res J Pharm Biol Chem Sci 2012;3(4):989-93 2. Mani P, Naveen kumar, Manjunath GN, Swamy RM. Assessment of pain by the performance on the Visual Analogue Scale (VAS) in patients treated with celecoxib and diclofenac in osteoarthritis of knee joint: a follow up study .Res J Pharm Biol Chem Sci 2012;3(4):1470-4. 3. Swamy RM, Naveen Kumar, Srinivasa

			K, Manjunath GN, Prasad Byrav DS, Venkatesh G. Evaluation of hypothyroidism as a complication in Type II Diabetes Mellitus. Biomedical Research 2012; 23 (2): 170-2 4. Ramu Ravilara, Naveen kumar, Sarita kothagiri, Vishwanath Swamy KM. Effect of Echinochloa Frumentacea Link on Dexamethasone Induced Insulin Resistance in Rats. Res J Pharm Biol Chem Sci 2012; 3(3):1269-78
	2010-2011		1. Manjunath GN, Prakash R, Vamseedhar Annam, Kiran Shetty. Changing trends in the spectrum of antimicrobial drug resistance pattern of uropathogens isolated from hospitals and community patients with urinary tract infections in Tumkur and Bangalore. Int J Biol Med Res. 2011; 2(2): 504 – 7. 2. Swamy RM, Venkatesh G, Nagaraj HK. A prospective drug utilization evaluation of analgesics and pain assessment in postoperative urological patients in a Tertiary care hospital. Biomedical Research 2010; 21 (4): 401-405 3. Venkatesh G, Swamy RM. A Study of Electrocardiographic changes in smokers compared to normal human beings. Biomedcal Research 2010; 21 (4): 389-392
National	2014-2015		

publication	2013-2014		1. Lohit K, Naveen A, Amruta AP et al,.Assessment of Curcuma Longa Linn. On learning and memory in Rats. Indian Journal of Pharmacology. December 2013/vol 45/ supplement. S100. Abstract publication. (National publication) 2. Dr. Nandini. T, Dr. Rathai Rajagopalan, Dr. Srikanth. An Overview of Similar Biologics. Journal of Scientific and Innovative Research 2013; 2 (4): 833-842. 3. Dr. Priyadarshini M Deodurg, Dr. Nandini T, Dr. Srikanth, Dr. Praveen kumar Doddamani. Internet usage among doctors in south India. JSIR 2013;2(3):659-665. 4. G. Priyadarshini Bai, P. Ravikumar. Study of prevalence of hypomagnesemia and its impact on the severity of acute asthma. Journal of Evolutionary Medical and Dental Sciences 2013;2(30):5693-99. 5. Shubha Praveen, Jai Prakash R, Manjunath GN, Gautham MS, Naveen Kumar. Adverse Drug Reaction (ADR) reporting among medical and dental practitioners: a KAP study. Indian journal of medical specialties. 2013;4(1):10-15
	2012-2013		
	2011-2012		1. Chanda Kulkarni, Leena A, Lohit K,

			Devish Mishra, Saji MJ. A randomized comparative study of safety and efficacy between immediate release glucosamine HCl and glucosamine HCl sustained release formulation in the treatment of knee osteoarthritis: A proof of concept study. Journal of Pharmacology and Pharmacotherapeutics. 2012:3(1): 48-54
	2010-2011		1. Manjunath GN, Meghana Bammi, Venkatesh G. Assessing the outcome of peer-led education about contraceptive methods among college girls. Indian Journal of Medical Specialties, 2011; 2(2):106-9 2. Manjunath GN, Venkatesh G, Rajanna. Postpartum blue is common in socially and economically insecure mothers.Indian J Community Med 2011;36:231-3. 3. Lohit K, Srinivas V, Chanda Kulkarni, Shaheen. A clinical evaluation of the effects of administration of midazolam on ketamine induced emergence phenomenon. Journal of clinical and diagnostic research. 2011;5(2):320-23

23. Details of patents and income generated: Under process, will be initiated

24. Number of patents granted: NIL

Number of patents filed: NIL

25. Areas of consultancy and income generated: Medication safety issues to the public and creating awareness about self medication

26. Faculty selected nationally / internationally to visit other laboratories / institutions / Industries in India and abroad:

a. Dr. Naveen Kumar was deputed to visit Bioneeds, certificate course in thyroid disorders
b. Dr. Swamy RM, was deputed to visit Bioneeds, certificate course on diabetes, Thyroid disorders
c. Dr. Priyadarshin bai, certificate course on diabetes
d. Dr. Nandini T, certificate course on diabetes
e. Dr. Lohit K, certificate course on diabetes and cardiology, and thyroid disorders

27. Faculty serving in update:

a) National committees b) International committees c) Editorial Boards d) any other (please specify):

Dr. Manjunath GN Convener: Scientific committee, IPS. Bengaluru.

Dr. Swamy RM, Chairman ethics committee

23. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

The faculties are regularly attending National conferences, Workshops and Seminars conducted by other institutions and universities.

28. Student projects:

- Number of students who have done in-house projects including inter-departmental projects : UG-4

1	Kumarjith Sarkar	Prescribing pattern of drugs in pregnancy
2	Divya Nandini	PCOD among Hypothyroidism
3	Aswin kumar	Drug utilization study of APD
4	Amulya	Assessment of diabetic distress and disease related factors

- Percentage of students doing projects in collaboration with other universities / industry / institute: NIL

Student projects	2014-2015		1. Drug used in acid peptic disease. A drug utilization study in a tertiary care center 2. Assessment of diabetic distress and disease related factors in tertiary care hospital 3. Symptom categorization and management of different phases of menstrual cycle among the college girls - A questionnaire based study 4. Polypharmacy in geriatrics

			5. Assessment of PCOD in hypothyroid patients 6. Prescribing pattern of drugs in dengue fever 7. Awareness of essential drug list among interns 8. Pattern of antibiotic use in ICU patients 9. Awareness of "P" drug concept among interns and postgraduates 10. Knowledge assessment of drug interaction among general practitioners

29. Awards / recognitions received at the national and international level by Faculty:

- Dr. Manjunath –
  -Invited lectures to the public on medication safety
  -speaker for CME,
  -chaired the session in national and international conferences,
  -resource person for research methodologies and medical education training,
  -KMC observer.
  - Convener and scientific committee member, IPS bengaluru
- Dr. Swamy – radio program on safe drug use
- Dr. Lohit – KMC observer, consultant for sanofi aventis
- Doctoral / post doctoral (PDF): NIL
- Students: NIL

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

Sl. No	Name of Seminar / Conferences /	Name of Funding Agencies		
		National	International	Reputed
1	CME on	Abbott ltd		200
2	Opportunities in clinical research	NIL		150

31. Code of ethics for research followed by the departments: YES

- All researchers must protect the integrity and reputation of education by ensuring they conduct their research to the highest standards.
- Researchers must take their data and methods to reasonable external scrutiny.
- Researchers must not do false research or findings.
- Researchers must not take any undertaking or significance on research work which they are not competent.
- Researchers should not criticize other researchers in unprofessional manner.
- Researchers should not use their research for fraudulent or illegal purpose.
- All researchers are expected to use and cite some material, but plagiarism or misuse of research will not be permitted.
- The authorship of publications should give due importance to relative leadership and contributions by the researchers concerned.

32. Student profile programme-wise:

Name of the Course (refer to question no. 4)	**Applications received**	**Selected** **Male Female**	**Pass percentage** Male Female
MBBS			

33. Diversity of students

Name of the Course (refer to	**% of students from the**	**% of students from other universities**	**% of students from universities**	**% of students from**

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

GATE —NIL; GPAT —NIL

35. Student progression:

Student progression	Percentage ageing. **Enrolled**
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-

Employed • Campus selection	-
Entrepreneurs	-

36. Diversity of staff:

8 from same state and outside university

1 from outside state

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library: YES

No. of reference books: 141

No. of books for circulation: 25

b) Internet facilities for staff and students: Available

c) Total number of class rooms: 03
d) Class rooms with ICT facility: 02
e) Students' laboratories: 02
f) Research laboratories: 01

39. List of doctoral, post-doctoral students and Research Associates:

	Doctoral	**PDF**	**RA**
From host institution	Nil	Nil	Nil
From other institution	Nil	Nil	Nil

40. Number of post graduate students getting financial assistance from the University:

No PG

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians, industrial experts, etc. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it will be sent to minimum two

experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

j. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

k. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

l. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10): No postgraduates

44. Give details of student enrichment programs (special lectures / workshops /seminar) involving external experts.

Sl. No.	Name of the speaker	Topic delivered	Beneficiary
1	Dr.Satyanarayana	Schizophrenia Update	MBBS students
2	Dr.Shreedhar	Dengue Fever	MBBS students
3	Dr.Niharika	Glaucoma	MBBS students

4	Dr.Mahesh	Malaria Updates	MBBS students
5	Dr.Manjunath G N	Stress Management, communication skills, Time management	MBBS students

45. List the teaching methods adopted by the faculty for different programmes:

Power point presentations, animated animal experiments, experimental graphs, experimental charts, clinical problems, clinical cases discussion, pictorial charts of human physiology & pharmacology etc.. for UGs

Computer simulated experiments will be initiated in place of animal experiments, e learning

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The objectives are clearly mentioned in the university curriculum which will be periodically analyzed.

Monthly meeting where in the teaching programme & research activities of the department is discussed.

Performance assessment card will be utilized for monitoring purpose

47. Highlight the participation of students and faculty in extension activities.

- Radio program on safe drug use
- Guest lectures regarding rational drug use, Pharmacovigilance, stress management
- Involved in cultural programs in and outside institution,
- Participated in scientific programs
- Sports activity at institution and state level
- Helped the students in preparing for medical exhibition

Extension activities	2014-2015		1. Regular presentation on stress management 2. Communication skills

			3. Symposium on dengue fever 4. Seminar on glaucoma, malaria, schizophrenia, diabetes, cardiovascular diseases, etc
	2013-2014		1. Regular presentation on stress management 2. Seminar on glaucoma, malaria, schizophrenia, diabetes, cardiovascular diseases, etc
	2012-2013		1. Regular presentation on stress management 2. Seminar on glaucoma, malaria, schizophrenia, diabetes, cardiovascular diseases, etc
	2011-2012		1. Regular presentation on stress management 2. Seminar on glaucoma, malaria, schizophrenia, diabetes, cardiovascular diseases, etc

48. Give details of "beyond syllabus scholarly activities" of the department.

Teaching staff have acquired additional qualification like Diabetology, thyroid disorders, Pharmacovigilance and clinical research

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

> Advanced research in human health will be initiated

> Starting an enrichment course on Pharmacovigilance, medication safety, drug use in special population and drug promotional activity monitoring

> Knowledge booster by the faculty on special topics
> Invited speaker for delivering recent trends in the subject
> Conducting seminars (UG, & staff)/journal clubs regularly to discuss on various research topics.
> Attending national and international conference to interact with eminent scientists

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. Well qualified and experienced Faculty.
2. Adequate infrastructure like, classroom, Lab space, equipments, etc... .
3. Good teaching & academic activities
4. Involvement of faculty in activities of college, university, extra curricular activities
5. Encouragement for research

Weakness The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities

1. Establishment of enrichment course for undergraduates,
2. Creating awareness about medication safety to the community
3. Pharmaceutical industry, drug discovery, preclinical screening, clinical pharmacology & drug marketing

Challenges

1. Strengthen clinical pharmacology unit in the department.

52. Future plans of the department.

To increase the collaboration with industries and take up more ICMR projects

Evaluative Report of Pathology

1. **Name of the Department** — Pathology
2. **Year of establishment** — 1990 March
3. **Is the Department part of a School/ College Faculty of the university?**
   Yes, Part of Sri Siddhartha Medical College
4. **Names of programmes offered** — (UG, PG, M. Phil, Ph.D, IntegratedMasters, Integrated Ph.D, D. Sc, D. Litt.etc.)
   UG — MBBS
   PG — MD (Pathology)
5. **Interdisciplinary programmes and departments involved:** CPC programmesconducted with department of medicine, Surgery and various other departments.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
   A. In collaboration with California tumour tissue registry, Loma Linda, California- Dr Niranjana Murthy B. has undertaken a histopathogy slide subscription for an year (2014-2015).
7. **Details of programmes discontinued, if any, with reasons:**
   No programmes were discontinued.
8. **Examination System: Annual/ Semester/Trimester/Choice Based Credit System:**
   As per MCl/University guidelines
9. **Participation of the department in the courses offered by other departments:**

Sl. No.	Name of the Course	Name of the Dept	Whether Approved by UGC / DCI /PCI /
1	BDS	SSDC	DCI
2	BSc (Nursing)	Sri Siddhartha College of Nursing	Nursing Council of India

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

	Sanctioned	Filled	Actual (including
Professor	1	4	4
Associate Professors	4	3	3
Asst. Professors	4	2	2
Tutors	6	6	6

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Sl. No	**Name**	**Qualifi-cation**	**Desig-nation**	**Speciali-zation**	**No of Years of**	**No. of Ph.D. MD students guided for the last 4 years**
1	Dr Parvathi Devi G.K	**MD**	Professor	Pathology	19.9	02
2.	Dr.Kodandaswamy C.R	**MD**	Professor	Pathology	25	10
3.	Dr.Niranjana Murthy B.	**MD**	Professor	Pathology	15	02
4.	Dr. Rashmi M.V	**MD**	Professor	Pathology	10	01
5.	Dr.Geetha J.P	**MD**	Asso.	Pathology	07	01
6.	Dr.Ramesh S.T	**MD**	Asso.	Pathology	06	Nil
7.	Dr.Mamtha S.V.	**MD**	Asso.	Pathology	04.5	Nil
8.	Dr.Rajendra Prasad H.M	MD,	Asst.	Pathology	03	Nil
10.	Dr.Susmitha	MD	Asst.	Pathology	0	Nil

* Tutors Profile list not included

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Dr. RamdasNaik : Professor and Head, Department of pathology
Yennapoya Medical college, Mangalore.

Dr. HiremathS.S : Professor and head, Department of Pathology,
JJM Medical College, Davangere.

13. **Percentage of classes taken by temporary faculty - Programme - wise information: No temporary faculty in our department.**
14. **Programme - wise Student Teacher Ratio :**UG:9:1, PG: 1:3
15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

Sl. No	Designation	Sanctioned	Filled
1	Academic support staff	04	10
2	Administrative staff	01	01

16. **Research thrust areas as recognized by major funding agencies:** IHC on various tumours, Immunofluorescence- skin biopsies, Molecular Pathology.
17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**

Sl. No	*Name* of Faculty	Title of on-going projects	National / Internat-Tonal	Name a Funding Agencies	Grapts Received (in lakhs)
1	Dr. Parvathi Devi G.K	A rapid diagnosis of extra pulmonary TB by analyzing body fluids for AFB using ZN and auramine rhodamine and its	National	SSU	
2	DrKodandaswamy C.R.	Fine needle aspiration cytology of thyroid lesions.	National	SSU	
3	Dr Niranjana Murthy B	Histopathological study of spectrum of lesions in fallopian tubes.	National	SSU	

4	Dr. Rashmi M.V	Detection of human papilloma virus in cervical dysplasias and carcinoma by insitu hybridization and typing	National	SSU	
5	Dr. Geetha J.P	Role of Red cell indices in the detection of Beta	National	SSU	
6	Dr Ramesh S.T	Clinicopathological study of endometrial biopsies in dysfunctional uterine bleeding.	National	SSU	
7	DrMamatha S.V	Study of incidence of transfusion transmitted infections in blood donors.	National	SSU	
8	DrRajendra Prasad	Study of ER, PR and Ki-67 index in endometrial curettage of dysfunctional uterine bleeding patients.	National	SSU	
9	DrSusmitha N.S	Role of Fine Needle Aspiration Cytology in breast lumps.	National	SSU	

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration: Under Processing.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, AICTE, etc.; Total grants received: Rs80,000

20. Research facility / centre with:

- state recognition: Blood bank services with components.
  Immunohistochemistry services.
  Genetics and Molecular laboratory services.

- national recognition – Recognised RNTCP centre (Nodal centre)
- international recognition - NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Under Processing.

22. Publications:

- Number of papers published in peer reviewed journals (national / international) National: 8 . International: 23
- Monographs-NIL
- Chapters in Books -02
- Opportunities for Pathologists in Pathology 2010, a state chapter book by KCIAPM authored by DrRashmi.M.V.
- Plaigiarism – A menace in Pathology 2011, a state chapter book by KCIAPM authored by Dr. Parvathodevi.G.K and Dr. Mamatha.S.V.
- Edited Books – Dr. Rashmi.M.V. on editorial board for BRAINWAVE – 2010, Karnataka chapter of IAPM, Chitradurga.
- Books with ISBN with details of publishers; NIL
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL
- Citation Index — range / average:
- SNIP
- SJR
- Impact Factor — range / average: Range: 0 — 2.3 Average: 0.7
- h-index: Range: 0 — 88 Average: 12

International publication	2014-2015	4	1. Dr.Geetha J.P Diagnostic value of fine needle aspiration cytology in metastatic lymphadenopathy. Biomedicine 2015 2. Dr.Geetha J.P Acute febrile illness with thrombocytopenia: A common Scenario. IJPHRD 2015\ 3. Dr.Geetha J.P The Myofibroblastic sarcoma of retroperitoneum: A diagnostic Dilemma IJPM 2015 4. Dr.Mamatha S.V.Synovial fluid analysis in diagnosis of joint diseases. RJPBCS 2015.
	2013-2014	9	1. Dr.Arathi C.A Brunner's Gland hyperplasia, case report and review. Biomedicine 2014 Dr.Arathi C.A.H.Pylori negative Gastritis. A tip of iceberg. Int.J of analytical, pharmaceutical and biomedical sciences 2014 2. Dr.Arathi C.A. Anemia in elderly: An ageing process or disease marker. Int J Pharma Biosciences 2014. 3. Dr. Pavithra P A cross sectional study of clinical and histopathological features of vesiculobullous skin lesions. RJPBCS 2014. 4. Dr. Pavithra P. Utility of cytodiagnosis in the management of thyroid lesionsInternational J Pharma Biosciences 2014. 5. Dr. Pavithra P. Role of fine needle aspiration cytology in the evaluation of

			the spectrum of lymph node lesions. International J Pharma Biosciences 2014 6. Dr. Pavithra P. Intra articular synovial lipoma of the right tarsometatarsal joint- a rare case report JCDR 2014. 7. Dr. Pavithra P, **Dr.Rashmi M.V.** Utility of cytodiagnosis in the management of thyroid lesions. International J Pharma Biosciences 2014. 8. Dr. Pavithra P, **Dr.Geetha J.P** . Role of fine needle aspiration cytology in the evaluation of the spectrum of lymph node lesions. International J Pharma Biosciences 2014
	2012-2013	5	1. **Dr.Rashmi M.V**. Pattern of adolescent and young adult cancers-A ten year study. RJPBCS 2013 2. **Dr.Rashmi M.V.** Juvenile Hyaline Fibromatosis: A rare case with recurrence. JCDR 2013 3. **Dr.ramesh S.T** Semen analysis and culture in men undergoing fertility evaluation.J Pharm Biomed Sci. 2013 4. Dr.Rashmi M.V. **Dr.Geetha J.P** Pattern of adolescent and young adult cancers-A ten year study. RJPBCS 2013. 5. Dr.Rashmi M.V. **Dr.Geetha J.P** Juvenile Hyaline Fibromatosis: A rare case with recurrence. JCDR 2013
	2011-2012	5	1. **Dr.Arathi C.A**. A potential role of Apo B in the risk srtaification of type 2 DM with dyslipidemia. IJPHRD 2012 2. **Dr.Geetha J.P.** Role of red blood cell

			distribution width (RDW) in thyroid dysfunction. IJBMR2012 3.**Dr.Geetha J.P.** Role of immunochromatographic test in the diagnosis of tuberculous lymphadenitis. IJBMR 2012 **4.Dr.Ramesh S.T** Study of morphological changes in placenta in pregnancy induced hypertension.IJPHRD 2012 5.Dr.Ramesh S.T, **Dr Rashmi M.V.** Study of morphological changes in placenta in pregnancy induced hypertension.IJPHRD 2012
	2010-2011		
National publication	2014-2015	1	1. Dr.Arathi C.A.EGFR in triple negative and non triple negative breast carcinomas. J Lab Physicians.2015
	2013-2014		
	2012-2013		
	2011-2012	2	1. Dr.G.K Parvathidevi.- Ancient schwanoma of hypopharynx: A case report with review of literature. Indian J of otolaryngol and head and neck surgery.2011 2. Dr.Arathi C.A.Myelodysplastic syndrome, transformation to ALL, A case report. J of Lab Physicians 2011

	2010-2011	5	1. **Dr.Geetha J.P**, - JAK2 Negative Polycythemia vera. J of Lab physicians. 2010. 2. **Dr.Rashmi M.V**- Intestinal Lymphangectasia-report of 2 cases Ind J Surgery.2010. 3. **Dr.Arathi C.A**- Scrape cytology in early diagnosis of Sebaceous carcinoma eyelid. J of cytology.2010 4. Dr.Geetha J.P, **Arathi C.A.**- JAK2 Negative Polycythemia vera. J of Lab physicians. 2010. 5. Dr.Rashmi M.V, **Dr Niranjana Murthy B.**- Intestinal Lymphangectasia-report of 2 cases Ind J Surgery.2010

23. Details of patents and income generated:

Number of patents granted: Under Process

Number of patents filed: Under Process

24. Areas of consultancy and income generated:

Hematology and clinical pathology

Cytology

Histopathology

Fetal autopsy

Slide reviews

Total income generated: Approximately Rs 10,00,000/year

25. Faculty selected nationally / internationally to visit other laboratories / institutions / Industries in India and abroad:

1. Dr Rashmi M.V – cytopathology course at St. John's Medical College, Bangalore
2. Dr. RajendraParasad – Blood components training at NIMHANS Bangalore.
3. Dr Rashmi M.V and DrGeetha J.P have undergone NABL training.

26. Faculty serving

a) National committees b) International committees c) Editorial Boards d) any other (please specify):

- Staff members who are core committee members of RNTCP – SSMC Tumkur: DrKodandaswamy, Dr. Niranjana Murthy B.
- Staff members who are reviewers for peer reviewed National and International journals: DrArathi C.A, Dr Rashmi M.V.
- Staff members who are reviewers of dissertation from other universities Dr Niranjana Murthy B.
- Staff members :Dr.kodandaswamy C.R chairmen and Dr.Parvathi Devi G.K member of Board of studies, Siddhartha University,Tumkur.

List of membership of committees of university	2014-2015	4	1. Dr.Kodandaswamy C.R - as chairmen of Board of studies(Para clinical) for Siddhartha university. 2. Dr. Parvathi devi G.K- as member of Board of studies for Siddhartha university. 3. Dr Kodandaswamy, Dr. Niranjana Murthy B. Staff members who are core committee members of RNTCP – SSMC Tumkur. 4. 3. Dr Rashmi M.V – member of disciplinary committee, anti ragging committee and hostel committee.
	2013-2014	4	1. Dr.Kodandaswamy C.R - as chairmen of Board of studies(Para clinical) for Siddhartha university. 2. Dr. Parvathi devi G.K- as member of Board of studies for Siddhartha university. 3. Dr Kodandaswamy, Dr. Niranjana Murthy B. Staff members who are core committee members of RNTCP – SSMC Tumkur. 4. 3. Dr Rashmi M.V – member of disciplinary committee, anti ragging

			committee and hostel committee.
	2012-2013	4	1. Dr.Kodandaswamy C.R - as chairmen of Board of studies(Para clinical) for Siddhartha university. As Research committee member, Post doctoral committee member. 2. Dr. Parvathi devi G.K- as member of Board of studies for Siddhartha university. 3. Dr Kodandaswamy, Dr. Niranjana Murthy B. Staff members who are core committee members of RNTCP – SSMC Tumkur. 4. 3. Dr Rashmi M.V – member of disciplinary committee, anti ragging committee and hostel committee
	2011-2012	4	1. Dr.Kodandaswamy C.R - as chairmen of Board of studies(Para clinical) for Siddhartha university. 2. Dr. Parvathi devi G.K- as member of Board of studies for Siddhartha university. 3. Dr Kodandaswamy, Dr. Niranjana Murthy B. Staff members who are core committee members of RNTCP – SSMC Tumkur. 4. 3. Dr Rashmi M.V – member of disciplinary committee, anti ragging committee and hostel committee.
	2010-2011	3	1. Dr.Kodandaswamy C.R - as chairmen of Board of studies(Para clinical) for Siddhartha university. 2. Dr Kodandaswamy, Dr. Niranjana Murthy B. Staff members who are core committee members of RNTCP – SSMC Tumkur. 3. Dr Rashmi M.V – member of disciplinary committee, anti ragging committee and hostel committee.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):

- Faculty development programmes are organized by the institute regularly.
- Training of teachers programme
- Faculty involved in the orientation programmes for freshers, internee and post graduates.

28. Student projects:

- Percentage of students who have done in-house projects including inter- departmental projects : PG-100%
- Percentage of students doing projects in collaboration with other universities / industry / institute: Under Process

Student projects	2014-2015	5	1. Normocytic normochromic anaemia in elderly. 2. Hs-CRP in cardiovascular risk assessment in type 2 diabetes mellitus. 3. Vitamin D3 and type 2 diabetes mellitus. 4. Dengue and thrombocytopenia 5. Morphological categorization of anaemia using RBC indices
	2013-2014	2	1. Hematological parameters in dengue infection 2. FNAC of cervical lymphnodes in suspected tuberculosis patients
	2012-2013	2	1. Study of RDW in anemias 2. Incidence of blood groups in voluntary donors in our blood bank
	2011-2012	2	1. Study of total leukocyte count in appendicitis 2. Study of reticulocyte count in anemias
	2010-2011	2	1. Study of anemia in pregnancy. 2. Study of haematological parameters in HIV patients

29. Awards / recognitions received at the national and international level by

- Faculty: 03

1. Dr Parvathi devi G.K awarded best poster in state conference of KCIAPM held at chitradurga, Karnataka.
2. Dr. Niranjana Murthy B, was KMC observer for various conferences.
3. Dr.RashmiM.V, was KMC observer for various conferences.

- Doctoral / post doctoral (PDF): NIL
- Students: 01

1. Dr Ashwini Ramji, postgraduate student of pathology is university topper for the academic year (May 2015).

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

CME in Transfusion Medicine and Clinical Haematology was organized on by in association with TPA and IMA – tumkur on 20/09/2015 in IMA hall tumkur.

Proposal for conducting state KCIAPM conferene 2017 in our college.

31. Code of ethics for research followed by the departments: YES. Ethical committee exists in the institution .All the research activities are screened by the ethical committee and are later approved if standards are met

32. Student profile programme-wise:

Name of the Course (refer to question no. 4)	**Applications received**	**Selected Male Female**	**Pass percentage *Male* FenIale**
MBBS			
MD	4	00 02	100%

33. Diversity of students:

Name of the Programme (refer to question no. 4)	**% of students from the same**	**% of students other from other**	**% of students f rom universities outside**	**% of students from other countries**
MBBS (2011 -12)				
MD	NIL	NIL	100%	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Vide information to be given by college authority.

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	50%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection	- -
Entrepreneurs	-

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	10%
from other universities within the State	90%
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: One of our faculty has been recognized as Ph D guide in SAHE, Ph D programme has been introduced from this academic year.

m. 38. Present details of departmental infrastructural facilities with regard to

a) Library: Yes

No. of reference books: 120

No. of books for circulation:

b) Internet facilities for staff and students: Available

c) Total number of class rooms:1.

d) Demonstration Rooms: 3

e) Class rooms with ICT facility: All Classrooms are ICT enabled

f) Students' laboratories: 02

g) Research laboratories: 01

39. List of doctoral, post-doctoral students and Research Associates: NIL

40. Number of post graduate students getting financial assistance from the University:

Applied for financial assistance from SAHE university. --- Under Processing-------.

41. **Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.**

Before offering a new program, the university initiates discussions with a group of academicians and concerned subject experts. The recommendations of these experts will

be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it will be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

n. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

o. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

p. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10)

Dr Narayan Murthy C.Vice Principal, Professor and HOD of pathology of Basaveshwara Medical College, Chitradurga. He has conducted KCIAPM state conference.

Dr Rashmi M.V. – Professor and PG guide in department of pathology SSMC Tumkur.

Dr. ChandrakanthRathore- Professor of pathology Govt Medical college, Gulbarga.

DrMallikarjun C.M – Consultant Hematologist at NMC Speciality hospital, Abu Dhabi.

DrSudheerkumararava- Assistant professor in All India Institute of Medical sciences, NewDelhi.

Dr Hephzibah Rani.- Associate professor and PG Guide in SDM Medical college – Dharvad.

Dr Ramesh S.T – Associate professor in SSMC tumkur.

DrMamatha S.V – Associate professor and Blood bank officer in SSMC Tumkur.

DrRajendraprasad H.M- Assistant Professor and Blood bank officer in SSMC Tumkur.

Drshobha S.N.- Associate professor of Pathology in AIMS bellur.

Dr Seema D.N.S – Consultant pathologist in Dublin Ireland.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

- Special lectures on Medical statistics are organized in the beginning of every academic year for the 1 year post graduate students.
- Special interactive scientific session with DrSrinivasa Murthy on interesting slides seminar on parasitic infestations in the year 2014.
- Monthly slide seminars are organised by the Tumkur Pathology Association for the postgraduate students in association with department of pathology SSMC

45. List the teaching methods adopted by the faculty for different programmes:

UG teaching: power point lectures with illustrations and photographs, Multiple Choice Questions, practical demonstration of slides, specimens, charts etc, group discussions, clinicopathological case discussions

PG teaching: Slide discussions, journal review, subject seminars, biopsy review, gross pathology discussion, questionnaire.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

UG: Inernal assessment done at the end of each term

At the end of the programme students are assessed to have met the outcomes with the annual examinations wherein both theory and practical skills are assessed.

PG: Monthly tests are conducted at department level.

Internal Assessment are conducted at the end of every term by the university.

47. Highlight the participation of students and faculty in extension activities. Apart from the academic activities the faculty and students are involved in cultural, sports and other social welfare programmes like Blood donation camps and NGO activities.

48. Give details of "beyond syllabus scholarly activities" of the department.

- Conducted MEDEX for publics once in two years in our campus, wherein from our department we displayed charts on various common diseases including cancers and its detection methods along with Specimens.
- Conducts regular programmes to create awareness on blood donation and cancer detection methods in Siddaganga Mutt jathra festival.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. Departmental work is assessed by

External Quality Assurance programme

Central laboratory: CMC , Vellore

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

- Development of slide bank — an organized manner of maintaining archives
- Publications in various peer reviewed journals
- Microphotography Unit as a part of research microscope: Quality microphotographs for
- publications — facility offered by the department to all other departments.
- IHC studies for diagnostic and research purposes.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Qualified and well trained teaching staff
2. Qualified and specially trained Technical staff
3. Upcoming well equipped and well spaced Laboratory building
4. Supportive management
5. Co-Operative clinicians

Weakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities:

Well equipped laboratory with ample space for improvement.

Challenges

To sustain research activities

To establish advanced molecular diagnostic laboratory

52. Future plans of the department.

1. To establish flow cytometry and cytogenetics laboratory.
2. To conduct more CMEs and Conferences.

Evaluative Report of Microbiology

1. **Name of the Department** Microbiology
2. **Year of establishment** March 1990
3. **Is the Department part of a college/Faculty of the university?** yes

   Department of Sri Siddhartha Medical College, /
4. **Names of programmes offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**

   UG: MBBS, BDS,

   PG MD (Microbiology), MDS, Ph D.
5. **Interdisciplinary programmes and departments involved:** Yes. BDS, MD, MDS
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** : Nil
7. **Details of programmes discontinued, if any, with reasons**: Nil
8. **Examination System: Annual / Semester / Trimester /choice Based Credit System:** Annual.
9. **Participation of the department in the courses offered by other departments:**

Si. Na	Name of the Course	Name of the Dept	Whether Approved by UGC / DCI /PCI / MCI / AICTE
1	BDS, MDS	College of Dental sciences	DCI

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):**

Designation	Sanctioned	Filled	al (including CAS & MPS)
Professor	1	4	4
Associate Professor	2	4	4
Asst. Professor	3	3	3
Tutor	5	5	5

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Name	**Qualifi-cation**	**Desig-nation**	**Speciali-zation**	**No. of Years of** Expe-	**No.** of Ph.D./ **MD** students **guided**
Dr. E.R. Nagaraj	MBBS, MD	Professor &	**Microbiology**	40	07
Dr.Prashanth H.V	MBBS, MD	Professor		17	**01**
Dr. Sharadadevi Mannur	MBBS, MD	Professor		15	01
Dr.Renushri B.V.	M B B S MD	Professor		12	01
Dr.Girish Babu R. J	MBBS, MD	Assoc. Professor		09	01
Dr. Sudeep Kumar .M	M.Sc., Ph.D	Assoc. Professor		24	Nil
Dr. Veena krishnamurthy	M.Sc., Ph.D	Assoc. Professor		21	Nil
Dr. Chandrashekar	M.Sc., Ph.D	Assoc. Professor		25	Nil
Dr. Neelesh Naik	MBBS, MD	Assoc. Professor		07	Nil
Dr. Archana B.R	MBBS, MD	Asst. Professor		01	Nil
Dr. Anusuyadevi	MBBS, MD	Asst. Professor		4mths	Nil

*Tutors Profile list not included

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Dr. Srinivas Babu , Professor and Head, M.S.Ramaiah Medical College and Research Centre. Bangalore,

13. Percentage of classes taken by temporary faculty – program-wise information

As per the university adjunct faculty list Percentage of classes taken by temporary faculty -NIL

14. Programme-wise Student Teacher Ratio: UG — 10:1, PG —1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Sl. No	Designation	Sanctioned	Filled
1	Academic support staff	07	16
2	Administrative staff	01	01

16. Research thrust areas as recognized by major funding agencies: Nil

17. Number of faculty with ongoing projects from

a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sl. No	Name of Faculty	Title of on-going projects	National /Internat-	Name of Funding	Grants I Received (in
1	Dr. Neelesh Naik	Rotavirus, Adenovirus and other Enteropathogens in diarrhea among children beiow 5 yrs of in a teaching hospital in , Tumkur.	National	Sri Siddhartha University	48,393
2	Dr. Renushri & Dr. Rose V.S	The study of normal conjunctival microbiota of medical students who are exposed and not exposed to hospital			Self
3	Dr Renushri & Dr. Rose V.S	Bacteriological Study of Pleural effusion			Self

4	Dr. Madhuri & Dr. Girish Babu R.J	Evalution of Gram staining, culture, Latex agglutination test and C-reactive protein in the diagniosis of			Self

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration: YES

Sl. No	**Name of the Project**	**ollabo-rative Department**	**Institutions**			**Received (in**
			National	rnatio nal	All India collabo-	
1	Antimicroboal Effecacy of Different tooth pastes and mouth	MDS Periodontics				Nil
2	Isolation of Fusobacterium species & bacteriodes sps and aerobic bacteria from patients having chronic periodontitis	MDS Periodontics				Nil
3.	Effecacy of various sterilization protocol for NI-II rotary endodontic files _ An invitro study	MDS Endodontics				Nil
4	Effective use of three different mouth wash solutions against Candida albicans on a high impact dencher base acrelic resin at two different time duration	MDS				Nil

5.	To Compare the Efficacy of Two Commercially available Mouth rinses in reducing bacterial aerosole contamination when used as a pre-proceduralwith an rinse,with and without aerosol reduction device- A Microbiological study	MDS				
6.	A Bacteriological Study of Urinary tract infections.	B.Sc Microbiology, Sri Siddaganga Degree college, Tumkur University				Nil

19. Departmenbiologital projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, ICMR etc.; total grants received:

a. MRSA carriage virulence and antibiotic resistnce among healthy individuals exposed and nor-exposed to hospital environment.

b. Assymptomatic bacteruria in Pregnency.

20. Research facility / centre with:

- **State recognition** - NACO,TB Microscopy centre
- **National recognition** - TB DMC centre
- **International recognition** - NIL

21 Special research laboratories sponsored by / created by industry or corporate bodies: Nil

22. Publications:

- **Number of papers published in peer reviewed journals (national / international)**
  National: 49 International: 04
- **Monographs** —NIL
- **Chapters in Books** —NIL
- **Edited Books** —NIL

- **Books with ISBN with details of publishers** —NIL
- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):** 15
- **Citation Index — range / average: Range**: 0.1—5 Average:0.35
- **SNIP**
- **SJR**
- **Impact Factor — range / average: Range**:1 — 42 Average:-4 h h index: Range: 1 —4 Average: 2

International publication	2014-2015	2	. 1. Mannur Sharada, Neelesh Naik, Sourab Prithyani, Venugopal Sanjay, Nagaraj ER. Effectiveness of locally delivered Tetracycline fibres on Fusobacterium and Bacteroides species in patients with Chronic periodontitis. RJPBCS. 2015; 6(3); 2. Prakash R, Prashanth H.V, Raghunath , Veenakrishnamu thy. A comparative study of Efficacy, rapidity of detection and cost effectiveness of Potassium hydroxide, calicoflor white, and chicago skyblue stains. IJDermat.)
	2013-2014	4	1. Archana BR, Prasad SR, Beena PM. Maternal and Congenital Syphilis in Karnataka, India. Southeast Asian J Trop Med Public Health.2014;45(2): 430-434. 2. Sharada Devi Mannur Y, Neelesh Naik, Mahesh. Septic arthritis due to Rhodococcus equi in a immunocompetent patient. Intr J Scien

			Sdy 3. Rose V, Renushri BV, Nagaraj ER. Antimicrobial susceptibility pattern of Staphylococcus aureus to non-betalactems. RJPBCS.2014;5(2):1544-7. 4. Dr.Aitya Kausar, Dr.Prashanth H.V, Dr. Prakash R, Dr.Veena Krishnamurthy. Prevalence of Group A beta haemolytic Streptococci in school going children. IJPM
	2012-2013	5	1. Mannur SY, Bhat SK, Naik N, Nagaraj ER. Utility of CHROM Agar for differentiation of Candida species and detection of Antifungal Susceptibility by Macrobroth dilution method. Int J of Med and Pherma Research 2013; 2(2):79-81. 2. Veena Krishnamurthy, Vijay Kumar GS, Prashanth HV, Prakash R, Sudeep Kumar M. Ventilator associated pneumonia: bacterial isolates and its antibiotic resistance pattern. Int J Biol Med Res. 2013;4(2):3135-38. 3. Veena krishnamurthy, Vijay Kumar GS , Prashanth HV, Nagaraj ER, Prakash R. A Study of Ventilator Associated Pneumonia caused by Multidrug Resistant Pathogens with Special Reference to ESBL, AMPC and MBL.RJPBCS 2013;4(3):261-69. 4. Sudeepa Kumar M, Vijay Kumar GS,

			Prashanth HV, Prakash R, Veena Krishnamurthy, Chandrashekar SC. Antimicrobial Susceptibility of Enteric Fever Salmonellae Isolated from Blood Culture. RJPBCS 2013;4(3) :318-24. 5. Sudeepa Kumar, Vijay Kumar GS, Chandrashekar SC, Veena Krishnamurthy, Prashanth HV, Prakash R. Detection of Mutations in Ciprofloxacin Resistant Salmonella Enterica serotypes typhi and Paratyphi A.RJPBCS 2013;4(3):1549-55.
	2011-2012	1	1. Saldanha Dominic,Prashanth HV,shalini Shenoy, Shrikala Bliga. A clinical-microbiology study of ventilator-associated pneumonia in a teritary care hospital.Int J Biol Med Res2012;3(2):1651-54. **(international)**
	2010-2011	9	1. Manjunath CN, Prakash R, Vamseedhar A, Kiran S. Changing trends in the spectrum of antimicrobial drug resistance pattern of uropathogens isolated from hospitals and community patients with urinary tract infections in Tumkur and Bangalore.Int J of Biol Med Res. 2010;2(2):504-7. **(international)** 2. Prashanth HV, Dominic Saldanha RM, Shenoy S, Baliga S. Predictor of Mortality in Adult Sepsis. IJBMR 2011;2(4):856-61. **(international)** 3. Prashanth HV, Dominic Saldanaha RM,

			Shenoy S. Moraxella catrrhalis: A Rediscovered Pathogen. IJBMR 2011;2(4):979-81. **(international)** 4. Prashanth HV, Domonic Saldanaha RM, Shenoy S, Baliga S. An unusual clinical Presentation of Group A Streptococcal Infection. Int J of Biomed and Adv Research.2011;2(11) : 450-452. **(international)** 5. Girish babu RJ, Krishna R, Ramesh ST. Asymtomatic bacteruria in pregnancy, Int J Biol Res 2011;2(3):740-42. (**international)** 6. Asima B, Nagaraj ER, Meera M, Sriprakash KS. Comparative Study of Conventional Media and Low Nutrient media- Endophthalmitis. IJBMS 2011; 4(2):535-9. **(international)** 7. Banu A, Sriprakash KS, Nagaraj ER, Meundi M. Importance of Sampling Technique in Microbial Diagnosis of Endophthalmitis. Austalas Med J.2011;4(5):258-62. **(international)** 8. HV Prashanth , R M Dominic Saldanha , Shalini Shenoy , Shrikala Baliga. Predictors of mortality in adult sepsis Int J Biol Med Res 2011;2(4):856 – 61. **(international)** 9. Renushri BV, Saha Avinandan, Nagraj ER, Krishnamurthy Veena. Indicible

			Clindamycin Resistance in Staphylococcus aureus isolated from Nursing and Pharmacy Students.JLP2011;3(2):89-92. **(international)**
National publication	2014-2015	3	1. Mannur S, Archana BR, Shubhakara, Nagaraj ER. Study of risk factors, chest X ray findings, etiological agents and their sensitivity pattern among patients with lower respiratory tract infection. Int J Pharm Bio Sci 2015: 6(3); 336-41. 2. .Archana BR, Guptha V, Sreeharsha S. Awareness of biomedical waste management among health care personnel in Bangalore, Karnataka. Indian J of Public Health Research and Development. 3. Archana BR, Beena PM, Kumar S. Study of distribution of Malassezia species in Kolar region, Karnataka. Indian J Dermatol 2015; 60(3): 321-324.
	2013-2014	2	1. Savitha Hiremath, Renushri BV, Nagaraj ER.Phenotypic differentiation of Class A and Class B Carbapenamases in Enterobacteriaceae.Disease.2014;6(13): 13-17. 2. Veena Krishnamurthy, Renushri BV, Saha Avinandan, Nagaraj ER. Methicillin Resistant Staphylococcus aureus carriage, antibiotic resistance and virulence among healthy students exposed and not exposed to hospital

			environment. JCDR. 2014; 8(7):4-8.
	2012-2013	6	1. Girish Babu RJ, Prakash R, Prashanth HV. Bacteriological Study of Urinary Tract Infections with special reference to Extended Spectrum Beta Lactamase producing Escherichia coli and Klebsiella pneumoniae. JBPCS2013;31(31):1080-85. (**national)** 2. Sharada M, Naik N, Swaroop J, Waseem S, Hiremath S, Nagaraj ER. Effectiveness of chloroxylenol and chlorhexidine-Citrimide disinfectants on fungal isolates from clinically suspected cases of uncomplicated Otomycosis. JEMDS 2013; 2(34):6411-4. (**national)** 3. Girish Babu RJ, Prakash R, Prashanth HV, Chandrashekar SC. Asymptomatic Bacteruria in Patients with Diabetes Mellitus.JCDR2013;2(2):11-13. (**national)** 4. Veena Krishnamurthy, Vijaykumar GS, Sudeep kumar M, Prashanth HV, Prakash R, Nagaraj ER. Phenotypic and Genotypic Methods for Detection of Extended Spectrum beta Lactamase Producing *Escherichia coli* and *Klebsiella pneumoniae* Isolated from Ventilator Associated Pneumonia. JCDR 2013;7(9):1975-78. **(national)** 5. Girish bubu RJ, Ramesh ST, Srikrishna, Vinay Kumar K. Microbiological and Fluid characteristic of pleural infections. JPBMS2013;33(33):1527-

			31. **(national)** 6. Ramesh ST, Girish Babu RJ, Srikrishna R, Vinay kumar K. Semen analysis and culture in men undergoing fertility evaluation. JPBMS2013;34(34):1699-03. **(national)**
	2011-2012	5	1. Venkatesh VN, Prashanth HV, Bhat KG, Subha DS, Sudhindra KS, Farheeen, Fathima SA. Rotaviral Diarrhoea in Children: A Comparision of PAGE with ELISA.JCDR2012;6(2):188-191. **(national)** 2. Renushri BV, Saha Avinandan, Nagraj ER, Krishnamurthy Veena. Antimicrobial Resistance Pattern of Staphylococcus aureus isolated from cases Exposed and Not-Exposed to Hospital Enviroment. NJBMS2012;2(3):242-45. **(national)** 3. Naik NR, Rama NK, Mannur SY, Renushri BV, Nagaraj ER. Antibiotic Susceptibility pattern of Bacterial isolates causing surgical site infections. NJBMS 2012; 3(2):154-8. 4. Sharada M, Naik N, Prashanth BN. Multiple liver abscess by Mixed bacterial etiology: An unusual Case report. JEMDS 2012; 1(5):686-8. **(national)** 5. Asima Banu, Nagaraj ER, Vidyadevi M. Endophthalmitis due to *Corynebacterium jeikeium*: A Case Study.JCDR2012;6(2):299-300.

			(national)
	2010-2011	5	1. Baliga S, Shenoy S, Saldhanha DR, Prashanth HV. Scalp abscess due to Salmonella typhimurium I JPathol Microbiol 2010;53:572-3. (**national)** 2. Prashanth HV, Kavyashree AN, Saldanha Domnici RM. Biomedical Waste Managemant : An update. JPBMS 2011;8(09):1-6. **(national)** 3. Sathyanarayana V, Prashanth HV, Basavaraj B, Kavyashree AN. Study of Surgical wound infections in abdominal surgeries. JCDR2011;5(5):935-39. **(national)** 4. Prashanth HV. Candidal regression syndrome – A Case Report. Anatomica Karnataka 2011;: 102-07. **(national)** 5. Prakash R, Girish babu RJ, Nagaraj ER, Prashanth HV, Jayashree S Shah. A Bacteriologocal Study of Dacrocystitis. JCDR 2011; 652-55. **(national)**

23. Details of patents and income generated:

Number of patents granted: NIL

Number of patents filed: NIL

24. Areas of consultancy and income generated: NIL

Faculty selected nationally / internationally to visit other laboratories / institutions / Industries in India and abroad: NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions / Industries in India and abroad: NIL

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards

d) any other (please specify)

List of membership of committees of university	2014-2015		1. Member of BOD, BOS RGUHS. Dr.Nagaraj 2. Medical Education Cell. Dr Prashanth & Dr Sharada. 3. Hospital Infection commette Dr. Sharada. 4. Sports commette Dr. Chandrashekar S.C
	2013-2014		1. Member of BOD, BOS RGUHS. Dr.Nagaraj 2. Medical Education Cell. Dr Prashanth & Dr Sharada. 3. Hospital Infection commette Dr. Sharada. 4. Sports commette Dr. Chandrashekar S.C
	2012-2013		1. Member of BOD, BOS RGUHS. Dr.Nagaraj 2. Medical Education Cell. Dr Prashanth & Dr Sharada. 3. Hospital Infection commette Dr. Sharada. 4. Sports commette Dr. Chandrashekar S.C
	2011-2012		1. Member of BOD, BOS RGUHS. Dr.Nagaraj

			2. Medical Education Cell. Dr Prashanth & Dr Sharada. 3. Hospital Infection commette Dr. Sharada. 4. Sports commette Dr. Chandrashekar S.C
	2010-2011		1. Member of BOD, BOS RGUHS. Dr.Nagaraj 2. Medical Education Cell. Dr Prashanth & Dr Sharada. 3. Hospital Infection commette Dr. Sharada. 4. Sports commette Dr. Chandrashekar S.C

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

Sl.No	Name of the Faculty	National Commette
1.	Dr. E.R.Nagaraj	Member of Board of studies UG. RGUHS
2.	Dr. Prashanth H.V	Chief Editor –International Journal – Journal of International Medicine and Dentistry

Programs, workshops, training programs and similar programs):

Faculty has kept the knowledge updated by attending national, international conferences, Practical and diagnostic advances are learnt by participating in hands on workshops. CME's have kept them updated with recent advances Subject seminars have helped them to remain in touch with teaching Financial support to attend these academic events and publish papers is extended to all faculty.

28. Student projects:

- **Percentage of students who have done in-house projects including inter-departmental projects** : 5%
- **Percentage of students doing projects in collaboration with other universities / industry / institute**: 1%

Student projects	2014-2015	1	1. Cases of Enteric fever diagnosed by widal test in SSMC, Tumkur. 2. Comparative study of peripheral smear and quantitative buffy coat in the detection of malarial parasites. 3. Isolation and antibiotic sensitivity of nasal carriers of *S.auerus* in patients admitted in SSMC. 4. Organisms causing UTI catheritised and non-catheritised patients. 5. Co-infection of TB and HIV in patients attending SSMC. 6. Profile of urinary isolates of C*andida* from catherised patients. 7. Sero-prevalence of HIV among antenatal cases at SSMC. 8. Detection of parasitic infection by stool examination in patients attending OPD. 9. Organisms isolated before and after using detol liquid hand wash in second year Medical

			students. 10. Study of antibiogram of *Staphylococcus aureus* isolated from different clinical samples. Dr. Rose 11. Evalution of Gram staining, Culture, Latex agglutination test and C-reactive protein in the diagniosis of Pyogenic meningitis**.** Dr. Madhuri .
	2013-2014	6	1.Antibiotic Susceptibility pattern of *Pseudomonas aeruginosa.* Dr.Aitya Kausar *2.*Antimocrobial Susceptibility pattern of *Staphylococcus aureus* at antimicrobials other than betalacmases. Dr.Velvette Rose Shabong 3.Prevalence of Group A beta haemolytic Streptococci in school going children. Dr.Aitya Kausar 4.Study of uropathogens causing urinary tract infections and their antibiogram in Sri Siddhartha Medical College.Dr. Sharada Devi Mannur Y 5.Comparsion of four Carbapenem drugs for screening of carbapenem resistance in gram negative bacilli.Dr. Savitha H 6.Study of conjunctival flora in hospital exposed and non-exposed personnel**.** Dr. Velvette Rose
	2012-2013		1. Effect of disinfectant on clinically isolated fungi and aerobic bacteria- Aparna 2. Outcome pf pulmonary tuberculosis cases treated under RNTCP unit –Arpita 3. Detection of multidrug resistant aerobic

			bacteria and fungi hospitalized patients. Shravya
	2011-2012		-
	2010-2011		1.Methicillin Resistant Staphylococcus aureus carriage, antibiotic resistance and virulence among healthy students exposed and not exposed to hospital environment. Avinandan Saha. 2. Asymptomatic Bacteruria in pregnancy-Poorvi Kapoor. .

29. Awards / recognitions received at the national and international level by

- **Faculty**: Ph.D -2
- **Doctoral / post doctoral (PDF):** 2
- **Students**: 2

Awards	2014-2015	1	Detection of multidrug resistant aerobic bacteria and fungi from web spaces and cubital fossa of hands from hosptalized patients. – Shravya UG student.
	2013-2014	1	VINMICRO- National Conference Vinayaka Mission's Kirupananda Variyar Medical College and University. Selam held on 5 and 6 July 2014. 1st Place in Quiz Competation.- Dr. Savitha Heramath
	2012-2013	1	CME on Brucellosis and RSV infection held on 12th April 2013 at JJM Medical College, Davangere. 1st Place in Quiz Competation.- Dr. Atiya kauser

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any: Slide seminar on 13 th Feburary Dr. Vijaykumar.Prof and head Vaillamal Medical college, Madhurai, Tamilnadu.

List of seminars conducted	2014-2015	13	1. 4/7/14 Atypical mycobacterial infections Dr Atiya Dr Sudeep Kumar 2. 14/7/14 Chlamydial infections Dr Savita Dr Chandrashekar 3. 25/7/14 Antimicrobial sensitivity testing and MIC Dr Velvette R Shabong Dr GirishBabu 4. 5/8/14 Bacterial STD Dr Savita Dr Neelesh 5. 18/8/14 Re emerging Rickettsial diseases Dr Atiya Dr Prashanth 6. 15/9/14 Hospital acquired infections Dr Velvette R Shabong Dr Veena 7. 23/9/14 Hospital waste management Dr Velvette R Shabong Dr Sharadha 8. 23/3/14 Recent advances in lab diagnosis of HIV Dr Velvette R Shabong Dr Renushree 9. 13/3/15 Malarial vaccines Dr Atiya 10. 30/3/15 Recent advances in Molecular diagnostics Dr Madhuri Dr Girish Babu 11. 25/5/15 Parasitic vaccines Dr Madhuri Dr GirishBabu 12. 29/5/15 Nontyphoidal

			salmonellosis Dr Velvette R Shabong 13. 29/6/15 Antibiotics inhibiting cell wall synthesis Dr Madhuri Dr Sharadha
	2013-2014	26	1. 6/5/13 Sterilisation of OT Dr.Savita Dr Veena 2. 10/5/13 Nosocomial infections Dr Atiya Dr Chandrashekar 3. 2/8/13 Bacterial vaccines Dr.Savita Dr Prashanth 4. 18/8/13 Antibiotics and mode of action Dr.Savita Dr Renushree 5. 24/8/13 Antibiotic sensitivity testing Dr Atiya Dr GirishBabu 6. 14/9/13 Bacterial drug resistance in gram negative bacteria Dr Atiya Dr Sudeep Kumar 7. 22/9/13 Bacterial drug resistance in gram positive bacteria Dr Savita Dr Prakash 8. 5/10/13 Basic principles of Genetics - Dr.ArpitaSarkar 9. 19/10/13 Antigens - Dr Atiya Dr Renushree 10. 28/10/13 Genotypic variations in bacteria - Dr Savita Dr Chandrashekar 11. 9/12/13 Immunity – Dr Savita Dr Sharadha 12. 13/12/13 Cells of immune response Dr Atiya Dr Sudeep Kumar 13. 20/12/13 Antibody diversity and monoclonal antibodies Dr Savita

			Dr Prakash 14. 2/1/14 Hypersensitivity – Dr Atiya Dr Neelesh 15. 3/1/14 Immune response – Dr Savita DrChandrashekar 16. 4/4/14 Staphylococcal infection with special reference to MRSA Dr Savita DrPrashanth 17. 7/4/14 Streptococcus pyogenes Dr Atiya Dr Sharadha 18. 15/4/14 Identification of gram positive bacteria – Dr Velvette R Shabong Dr Renushree 19. 21/4/14 Enterococci Dr Savita DrGirishBabu 20. 6/5/14 Pyogenic meningitis Dr Atiya Dr Neelesh 21. 19/5/14 Bacterial diarrhoea and dysentery Dr Atiya Dr Chandrashekar 22. 27/5/14 Identification of gram negative bacteria Dr Velvette R Shabong DrSudeepkumar 23. 16/6/14 Bacterial zoonotic infections Dr Savita Dr Veena 24. 17/6/14 Bacterial virulence factors Dr Velvette R Shabong DrPrashanth 25. 23/6/14 Anaerobic wound infections Dr Atiya Dr Renushree 26. 24/6/14 Food poisoning Dr Savita Dr Sharadha
	2012-2013	24	1. 12/3/12 Microscopy part 1 – Dr.ArpitaSarkar 2. 16/3/12 Microscopy part 2 - Dr.ArpitaSarkar

			3. 9/4/12 Culture media - Dr.ArpitaSarkar 4. 23/4/12 Culture media - Dr.ArpitaSarkar 5. 11/5/12 Sterilization and disinfection part 1 - Dr.ArpitaSarkar 6. 12/5/12 Sterilization and disinfection part 2 - Dr.ArpitaSarkar 7. 29/6/12 Antibiotics - Dr.ArpitaSarkar 8. 13/7/12 Antibiotic susceptibility tests - Dr.ArpitaSarkar 9. 18/8/12 Molecular method of diagnosis of infection - Dr.ArpitaSarkar 10. 31/8/12 Quality assurance and quality control in microbiology - Dr.ArpitaSarkar 11. 12/12/12 Morphology of bacteria – Dr.Savitha (Dr Prashanth) 12. 15/12/12 Bacterial virulence factors – Dr Atiya (Dr Sharadha) 13. 21/12/12 Biochemical tests to identify bacteria - Dr.ArpitaSarkar 14. 4/1/13 Staining techniques Dr.Savitha (Dr Prakash) 15. 12/1/13 Culture media Dr Atiya (Dr Chandrashekar) 16. 18/1/13 Resistance pattern of gram positive bacteria - Dr.Savitha 17. 1/2/13 Disinfection Dr.Savita (Dr Girish) 18. 8/2/13 Heat sterilization Dr Atiya (Dr Girish)

			19. 1/3/13 Blood culture Dr.Savita Dr Prashanth 20. 8/3/13 Anaerobic culture methods Dr Atiya Dr Sharadha 21. 15/3/13 Automation in microbiology - Dr.ArpitaSarkar 22. 19/3/13 Stock culture in microbiology - Dr.ArpitaSarkar 23. 8/4/13 Human microbiotaDr.Savita Dr Neelesh 24. 12/4/13 Biofilms Dr Atiya Dr GirishBabu
	2011-2012	10	1. 12/3/12 Microscopy part 1 – Dr.Neelesh , Dr. Sharada 2. 16/3/12 Microscopy part 2 - Dr.Akshatha , Dr. N.K.Rama 3. 9/4/12 Culture media - Dr.Akahatha, dr. sharada devi Mannur 4. 23/4/12 Culture media - .Dr. Neelesh Naik, Dr. CHandrashekar S.C 5. 11/5/12 Sterilization and disinfection part 1 - Dr. Akshatha, Dr. Sudeep kumar m 6. 8/5/12 Anaerobic culture methods Dr Neelesh Dr Sharadha 7. 15/10/11 Automation in microbiology - Dr.ArpitaSarkar 8. 20/11/11 Stock culture in microbiology - Dr.Akshatha, Dr. Rama 9. /1512/11 Human microbiota Dr Neelesh Naik Dr. Prashanth H.V 10. 13/12/11 Biofilms Dr Neelesh Naik Dr Veena krishnamurthy

Conferences attended	2014-2015	4	1. Fight against HIV where do we stand. CME , 7June 2015 Basavsshwara medical college, chitradurga.Dr. Prashanth H.V, Dr. Veena ktishnamurthy. 2. CME – World TB day on 28.03 15. SSMC. Dr. Nagaraj E.R ,Dr. Prashanth H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Veena Krishnamurthy, DrNeelesh Naik, Dr. Archana B.R, Dr. Anusuyadevi. 3. CME- Tuberculosis everywere diagnosis matters . 17 April 2015. Sapthagiri Medical college. Bangalore. Dr. Prashanth H.V, Dr. Renushri B.V, Dr. Veena Krishnamurthy, Dr. Chandrashekar S.C, Dr. Sudeep Kumar M. 4. CME- Rabies Updates-15-04-2015, SSMC , Tumkur. Dr. Prashanth H.V, Dr. Renushri B.V, Dr. Veena Krishnamurthy, Dr 5. Conference -4th Annual National conference of the Clinical Infectious Disease Society, August 22-24, 2014, Yeshwantpur,Bangalore. Dr. Prashanth

			H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Veena Krishnamurthy, DrNeelesh Naik, Dr. Archana B.R
	2013-2014	12	1. CME-Diabetes Mellitus Update-14-11-2014-SSMC, Dr. Nagaraj E.R ,Dr. Prashanth H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Sudeep Kumar M,Dr. Veena Krishnamurthy, Dr. Chandrashekar,DrNeelesh Naik, . Archana B.R, Dr. Anusuyadevi. 2. CME- RNTCP programme on World TB day 2014, SSMC,27.03.14, Dr. Nagaraj E.R ,Dr. Prashanth H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Sudeep Kumar M Dr. Veena Krishnamurthy, Dr. Chandrashekar DrNeelesh Naik, Dr. Archana B.R, Dr. Anusuyadevi. 3. CME-2nd international science symposium on HIV and infectious diseases. Chennai, Tamilnadu,30-01-2014 to 01-02-2014., Dr. Sharadadevi Mannur Y., Dr.Neelesh Naik. 4. Conference – KC- MICROCON-2014 Rickettsial Diseases- An Overview at KMC Manipal on 23rd Feb 2014.Dr Sharada Devi Mannur .Y 5. Sepsicon-2014 (An update on sepsis) held at JSS Medical College, on 28th and 29th June 2014.Dr. Sharada devi Mannur Y, Dr. Renushri B.V, Dr Veena

			Krishnamurthy. 6. VinMicro 2014 (National Confernce in Clinical Microbiology) held at Vinayaka Missino's Kirupananda Variyar Medical College , Vinayaka Missions University, Yercaud , Salem on 5th and 6th July 2014. Dr.Prashanth, Dr. Sudeep kumar M, Dr Veena Krishnamurthy, Dr. Renushri B.V, Dr. Sharada Devi Mannur Y. 7. CME Cardiology Update at SSMC Tumkur 20th. July 2014. , Dr. Nagaraj E.R ,Dr. Prashanth H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Veena Krishnamurthy, Dr.Neelesh Naik, Dr. Archana B.R, 8. CME on Updates in virology on 20.12.14 at BMCRI, Bangalore . Dr. Nagaraj E.R ,Dr. Prashanth H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Sudeep Kumar M, Dr. Veena Krishnamurthy, , Dr. Archana B.R, 9. CME on Infection prevention in health care – An Update. 2&3 .08.14, Global hospital , Hyderabad. Dr. Renushri. 10. CME on Brucellosis & Respiratory Syncytial virus Infection. 12.03.14 at JJM Medical college, Davangere.Dr. Prashanth H.V, Dr. Veena Krishnamurthy. 11. CME on TB control-Issues a Challenges -13.08.14, JSSMC Mysore. Dr. Veena Krishnamurthy, Dr Sudeep

			kumar M. 12. CME- Emerging viral infections, 19.09.14, SDUMC, Kolar. Dr. Prashanth H.V, Dr. Renushri B.V, Dr. Veena Krishnamurthy,
	2012-2013	4	1. CME – Challenges in Management of Malaria , Dengue and other vector borne diseases. SSMC , Tumkur., Dr. Nagaraj E.R ,Dr. Prashanth H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. GIrish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, Dr. Chandrashekar S.C,Dr.Neelesh Naik 2. CME-Petri plate 2 Real time PCR. 8& 9 .08.12, JSS university, Mysore,. Dr. Renushri B.V, Dr. Girish babu R.J, ,Dr. Veena Krishnamurthy. 3. CME-Genetics and Management of infertility,10-08-2012, SSMC, Dr. Nagaraj E.R ,Dr. Prashanth H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Girish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, Dr. Chandrashekar S.C,Dr.Neelesh Naik 4. XVI Annual Conference of IAMM-KC on 19 Feb 2012 At St John"s Medical college, Bangalore. Dr. Renushri B.V, ,Dr. Veena Krishnamurthy,
	2011-2012	3	1. Workshop on Measures of Quality Control In Laboratory Medicine conducted by Metropolis, Bangalore on

			3rd January 2012. Dr. Girish Babu R.J 2. CME on Virology held at KVG Medical College And Hospital, Sullia on 9th December 2011 Dr. Girish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, Dr. Chandrashekar S.C,Dr.Neelesh Naik 3. CME organized by Sri Siddartha University, SSMC and Department of medicine, Tumkur on 11th November 2011. Dr. Nagaraj E.R ,Dr. Prashanth H.V, Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Girish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, Dr. Chandrashekar S.C,Dr.Neelesh Naik
	2010-2011	5	1. MICROCON 2009 Conference, XXXIII National Congress of Indian association of Medical Microbiologists, held at JSS Medical College, Mysore from 3-8th November 2009., Dr. Nagaraj E.R , Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Girish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, ,Dr.Neelesh Naik. 2. Symposium on Diagnostics in infections, organized by Sir Dorabji Tata Centre for Research in Tropical Diseases in association with the department of Microbiology and Cell Biology, Indian Institute of Science,

			Bangalore from 10-11th March 2010. Dr. Nagaraj E.R , Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Girish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, ,Dr.Neelesh Naik 3. XIV Annual conference of IAMM Karnataka chapter, held at SDUMC Kolar from 20-21st March 2010. Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Girish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, ,Dr.Neelesh Naik 4. CME on Multi drug resistance Tuberculosis organized by SSMC and district TB society, Tumkur on 05thApril 2010. Dr. Nagaraj E.R , Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Girish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, ,Dr.Neelesh Naik 5. Workshop on Mycoses made Manageable microbiology held at St. John's Medical College, Bangalore on 28th August 2010. Dr. Nagaraj E.R , Dr. Sharadadevi Mannur Y. Dr. Renushri B.V, Dr. Girish babu R.J, Dr. Sudeep kumar M,Dr. Veena Krishnamurthy, ,Dr.Neelesh Naik
Conferences / workshops	2014-2015	-	-
	2013-2014	-	-

conducted	2012-2013	-	-
	2011-2012	-	-
	2010-2011	1	1. CME on Multi drug resistance Tuberculosis organized by SSMC and district TB society, Tumkur on 05th April 2010

31. Code of ethics for research followed by the departments:

As prescribed by various National Governing bodies and Institutional Ethical Committee guidelines

All articles are screened for plagiarisms and conflict of interest.

32. Student profile programme-wise:

Name of the Programme(refer to	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MBBS					
MD			**2**		100%

33. Diversity of students:

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students other from oer universities	% of students f rom universities outside	% of udents from other countries
MBBS (2011-12)				
MD				
Msc (Medical Microbiology)				
Bsc (AHS)				
PhD				

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: NIL

35. Student progression:

Student progression	Percentage against **enrolled**
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	- 100%
Entrepreneurs	-

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	100%
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: — Nil

38. Present details of departmental infrastructural facilities with regard to Library YES

No. of reference books 178

No. of books for circulation 178

a) Internet facilities for staff and students : YES

b) Total number of class rooms 04

c) Class rooms with ICT facility 03

d) Students' laboratories 01

e) Research laboratories 02

39. List of doctoral, post-doctoral students and Research Associates:

a) from the host institution/university

b) from other institutions/universities

Nil

40. Number of post graduate students getting financial assistance from the University: Nil

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology:

Before offering a new program, the university initiates discussions with a group of academicians and concerned subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

q. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

r. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

s. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the instituition for campus interviews give their feed backs on programs and correction needed.

42. List the distinguished alumni of the department (maximum 10) D. V.S. Jayaram, Dr. Shankarnarayan H.S, Dr Beena Antony Father Muller Medical College, Mangalore. Dr Mohan Professor of Microbiology, Basaweshwara Medical College Chittradurga , Dr.Rajendra Prasad - Professor of Microbiology,JJM, Davengere, Dr.Prakash Associate Professor Raja rajeshweri Medical college , Bangalore. Dr. Sandhya Bhatt Pondichery Institute of Medical College, Pondichery, Dr. Akshatha.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Regular workshops are conducted in the department with support from diagnostic manufacturers and suppliers.

a. Research methodology— seminar

45. List the teaching methods adopted by the faculty for different programmes including clinical teaching.

- For all lecture classes - MMS is employed for lecture classes.
- For smaller group teaching — one to one mode of teaching
- Virtual teaching is being prepared.During practicals — faculty are assigned a limited number of students, the faculty will go to each student, supervise the work, show / demonstrate under microscope , corrects the practical record and appraises the student of the deficiencies and guides the student to concentrate in learning.
- Internet facility, Virtual teaching, Multimedia & other modern Teaching aids are being used for teaching. The students are assigned subject seminars regularly for each term students. In addition tutorial classes are conducted by the involvement of all the faculty. LCD Projector, Group discussion, class room teaching, laboratory training and hands on experience.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Weekly evaluation by oral questions, correction of practical record and of any assignment entrusted

Monthly analysis during practical class to evaluate subject understanding. The students are assessed periodically through internal assessment tests and at the end of the programme with the annual examinations wherein both theory and practical skills are assessed

47. Highlight the participation of students and faculty in extension activities.

Apart from the academic activities the faculty and students are involved in cultural, sports and other social welfare programmes like NSS and Blood donation camps.

Extension activities	2014-2015	10	Orientation program on Infection and its control in the Hospital for staff nurses 1. ICC – Dr. Sharadadevi Mannur

			20.&21.09.15. 2. Infection – Dr. Renushri 3. Infection control –Dr Girish babu R.J 4. PG orientation program – Resource person – Dr. Sharadadevi Mannur Y 5. Orientation program –Interns- resource person- Dr. Sharadadevi Mannur Y 6. Orientation program –Interns- resource person- Dr Neelesh Naik 7. Orientation program RNTCP for nursing- Interns, PG' 8. Laboratory Dianosis of TB Dr Sharadadevi M , at SSMC, Tumkur 9. Screening of carrage of Streptococcus in school going children. 10. OT sterility check in Nursing hospitals and community health center hospitals of Tumkur.
	2013-2014	5	1. Awareness program on biomedical waste management for primary school TVS school. Dr. Sharadadevi Mannur 2. Orientation program RNTCP for nursing- Interns, PG 3. Water analysis done for hospital water supply. 4. ICC – Dr. Sharadadevi Mannur 5. OT sterility check in Nursing hospitals and community health center hospitals of Tumkur.
	2012-2013	5	1. PG orientation program – Resource person – Dr. Renushri B.V 2. Orientation program –Interns- resource person- Dr. Renushri B.V

			3. Awareness program on Biomedical waste management for District Hospital, Tumkur. Dr. Sharadadevi Mannur 4. Infection control in dental Hospiltals. Dr. Sharadadevi Mannur. 5. Awareness program on Biomedical waste management – Talk By Dr. Chandrashekar S.C Siddaganga degree college. 6. Orientation program RNTCP for nursing- Interns, PG 7. Water analysis done for bore well water supply. 8. OT sterility check in Nursing hospitals and community health center hospitals of Tumkur.
	2011-2012	3	1. Infection control in Pediatrics- SSMC, Tumkur 2. Orientation program RNTCP for nursing- Interns, PG 3. OT sterility check in Nursing hospitals and community health center hospitals of Tumkur.
	2010-2011	3	1. Awareness H1N1 for staff and students of –Talk by Dr. Sharadadevi Mannur Y 2. Orientation program RNTCP for nursing- Interns, PG 3. OT sterility check in Nursing hospitals and community health center hospitals of Tumkur.

48. Give details of "beyond syllabus scholarly activities" of the department.

Undertaking short term projects, involvement in intercollegiate debate, quiz competition Students are encouraged to attend conferences and present papers. Some students are identified to be the anchor or MC in college/department functions.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

> The department has associated with many project works of other department during this time the students are explained about the basics of diagnostic microbiology. Orientation program for new interns and PG'S is arranged twice a year for educating the new graduates and post graduates. population Arranging guest lectures on recent developments of global Conducting Conferences, seminars and workshop for updating current scenario.

> The Post graduates and Interns are involved in discussions of some diseases; they are informed about where to collect the lab reports and about immediate transport of samples to the lab.

> Attending national and international conference to interact with eminent scientists

> Scientific Publications in Research journals

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Well qualified and experienced Faculty.
2. Adequate infrastructure like, classroom, Lab space, equipments, etc
3. Collaboration with Departments for research and diagnostics.
4. Only centre doing some important investigations.
5. Only department doing Quality assessment for Laboratory.

Weakness– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

52. Future plans of the department.

- To Make the lab with regional centre for diagnosis of fungal infections.
- To the lab a regional center for molecular diagnosis.

- Train the UG & PG's to achieve success, name & fame nationally and internationally.
- To get CAP, NABL Accreditation.
- To organize an International conference on Tuberculosis and HIV.
- To offer the best Microbiology diagnostic services to the needful.

Evaluative Report of Forensic Medicine & Toxicology

1. **Name of the Department** FORENSIC MEDICINE & TOXICOLOGY
2. **Year of establishment** 1988
3. **Is the Department part of a college/ Faculty of the university?**

   Yes, Department in Sri Siddhartha Medical College, Tumkur.
4. **Names of Programmes offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)** / Courses offered :M.B.B.S
5. **Interdisciplinary courses and departments involved** :MD Pathology and Psychiatry
6. **Courses in collaboration with other universities, industries, foreign institutions, etc**: NIL
7. **Details of programmes / courses discontinued, if any, with reasons**: NIL
8. **Examination system:Annual/ Semester/Choice Based Credit System –** Annual and semesteras per MCI/Univ guidelines.
9. **Participation of the department in the courses offered by other Departments** — Pathology and Psychiatry.
10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors & others)**

	Sanctioned	Filled	Actual (including
Professor	1	5	5
Associate Professors	1	0	0
Asst. Professors	2	3	3
Tutors	3	1	1

11. **Faculty profile with name, qualification, designation and specialisation experience and research under guidance D.Sc./D.Litt./ Ph.D./M.Phil., etc.**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ MD students guided for the last 4 years
Dr.S.Shivakumar	M.D	Professor & HOD	Forensic Medicine & Toxicology	17.2	Nil
Dr.HarishKumarN	M.D.	Professor		13.11	Nil
Dr.RajendraKumarR	M.D	Professor		14.04	Nil
Dr.Srinivasa Reddy P	M. D.	Professor		11	Nil
Dr.Chandru.K	M.D.	Professor		11.7	Nil
Dr.Siddaramanna T C	M.D.	Asst. Professor		07	Nil
Dr.Yogesh.C	M.D.	Asst. Professor		3.11	Nil
Dr.Dileep Kumar R	M.D	Asst. Professor		3.11	Nil

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** NIL
13. **Percentage of classes taken by temporary faculty — programme-wise information-** Not applicable.
14. **Programme-wise Student Teacher Ratio**: UG - 24: 01, PG —NA
15. **Number of academic support staff (technical) and administrative staff: sanctioned and filled actual**

Sl. No	'Designation	Sanctioned	Filled
1	Academic support staff	02	02
2	Administrative staff	01	01

16. **Research thrust areas recognized by funding agencies:** NIL
17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise. :** NIL

List of ongoing projects	2014-2015	07	1. Causes of non-acceptance of medical evidences during conviction in the courts of law in Tumkuru- A retrospective study. Dr.S.Shiva kumar, professor and head, dept. of forensic medicine, Sri Siddhartha medical college, Tumkuru. 2. Scope of chieloscopy in establishment of individuality. Dr.chandru, professor, dept. of forensic medicine, Sri Siddhartha medical college, Tumkuru. 3. Study of awareness of consumer protection act among medical professionals. Dr.Dileep kumar, Assistant professor, dept. of forensic medicine, Sri Siddhartha medical college, Tumkuru. 4. Study of awareness of medico legal

			aspects among medical professionals in tertiary care Centre.Dr.siddaramanna.T.C. Assistant professor, dept. of forensic medicine, Sri Siddhartha medical college, Tumkuru. 5. Analysis of medico legal cases at S.S.M.C and Hospital, Tumkuru. Dr.Srinivasareddy, professor, dept. of forensic medicine, Sri Siddhartha medical college, Tumkuru. 6. Study of profile of toxicological cases admitted to S.S.M.C and Hospital. Dr.Yogesh, Assistant professor, dept. of forensic medicine, Sri Siddhartha medical college, Tumkuru. 7. Study of pattern of medico legal cases at sri Siddhartha medical college,Tumkuru.

18. Inter-institutional collaborative projects and grants received -a) All India collaboration b) International : NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received. : NIL

20. Research facility / centre with

- **state recognition** : NIL
- **national recognition** : NIL
- **international recognition**: NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies: NIL

22. Publications:

- **Number of papers published in peer reviewed journals (national / international)**

  National - 19 International - 34

- **Monographs** NIL

Sl. No.	Title	Authors	Publishers
1	Death - is it due to violence or disease.	Dr.HarishKumar.N	Journal of Karnataka Medico Legal Society.
2	Cyber crime – predators and prey.	Dr.HarishKumar.N	Journal of Karnataka Medico Legal Society.
3	Issuing a death certificate – A dilemma	Dr.HarishKumar . N	Journal of the Indian Medical Association. (Accepted)
4	Autopsy study of sudden natural deaths due to cardiovascular disease	Dr.HarishKumar.N	Journal of Karnataka Medico Legal Society.
5	Profile of medicolegal cases at sri Siddhartha medical college & hospital, Tumkur	Dr.HarishKumar.N	Medico Legal Update . Vol. 13 (1), Jan –June 2013. p 164-167.
6	Analysis of medicolegal cases At Harsha hospital Nelamangala, Bangalore rural	Dr.HarishKumar.N	Indian Journal of Forensic Medicine and Toxicology. Vol. 7(1) Jan – June2013. p 61-64
7	Retrospective study of road traffic accident cases at harsha hospital nelamangala,	Dr.HarishKumar.N	Indian Journal of Forensic Medicine and Toxicology. Vol. 7(1) Jan – June 2013. p

8	A study of poisoning cases at harsha hospital nelamangala, Bangalore rural	Dr.HarishKumar.N	Medico Legal Update . Vol. 13 (1), Jan –June 2013. p 168-170.
9	A comparative study of pattern of medicolegal cases at two tertiary care hospitals in Karnataka.	Dr.HarishKumar.N	Indian Journal of Forensic Medicine and Toxicology. Vol. 7(2), July – Dec 2013. p 159-163.
10	Euthanasia: Medical and Legal issues in mercy killing	DrRajendra Kumar R	Indian Journal of Forens Medicine & Toxicology: Vol: Issue:1: 2010
11	Death – who caused it? Wild Boar or Doctor a case report.	DrRajendra Kumar R	Anil Aggrawal's Intern Journal of Forensic Medicine Toxicology. Vol.11 No. 2: Jul Dec 2011 (online).
12	Autopsy Audit at the DistrictHospital, Tumkur. South India during period 2006 – 10.	DrRajendra Kumar R	JSIMLA Vol. 4. No.1. March-2012:8-11.
13	Pattern and profile of deaths due to poisoning at district hospital, Tumkur – A retrospective study.	DrRajendra Kumar R	Jour of Kar med leg society. Vol. 21, No. 1: Jan – June 2012.P-3-6.
14	Asphyxial Deaths at district hospital Tumkur – A retrospective study.	DrRajendra Kumar R	JIAFM on April-June 2012, Vol.34.No.2:146-147.
15	A retrospective study of suicidal deaths at district hospital, Tumkur.	DrRajendra Kumar R	Medico-Legal Update on July-Dec,2012,Vol.12,No.2:195-197.
16	Pattern of Deaths in females – A retrospective study.	DrRajendra Kumar R	Indian internet Journal of For, Med & Toxicology. Vol.10, No.1: 2012; 5-7.

17	Death Profile in elderly – A study in district hospital Tumkur, South India.	DrRajendra Kumar R	IJFMT: 2013: July-December, Vol.7, and No.2:144-146.
18	Analysis of Fatal Railway accidents in district hospital, South India: A retrospective study.	DrRajendra Kumar R	Indian Journal of Forens Medicine and Toxicolog Vol.8, No.2 Jul- Dec 2014
19	Pattern of deaths in females-A retrospective study.	Dr.Chandru	IJFMT,2012;10(1):5-7
20	Statistical study of electrocution deaths at Victoria hospital,Bangalore.	Dr. Chandru	IJFMT,2013,7(2):24-27
21	Analysis of fatal railway accidents in district hospital, south India: A retrospective	Dr. Chandru	IJFMT,2014,8(2): 52-54
22	Correlation of Computed Tomography and Autopsy Findings of Cranio - Cerebral Injuries Sustained	DrSrinivasa Reddy P	JSIMLA Vol.No.1 No. 2. September – 2009: 53-57.
23	Corrosive Acid Poisoning – case report	DrSrinivasa Reddy P	JKAMLS Vol. No. 18. No.2 (July–December - 2009): 29-31.
24	Sudden Unexpected Natural Death – A case report	DrSrinivasa Reddy P	IJFMT Vol.No.6.No.1.Jan-June-2012:120-122.
25	Stature Estimation Using Finger Length in Indian Population	DrSrinivasa Reddy P	JSIMLA Vol. 3. No.1. March-2011:19-22.

26	An Accidental Death by Traumatic Asphyxia – case report	DrSrinivasa Reddy P	JFMT Vol. No. 28 Issue No.1.Jan-June 2011:4-5.
27	Autopsy audit at the district hospital, Tumkur, South India during the period 2006-2010	DrSrinivasa Reddy P	JSIMLA Vol. 4. No.1. March-2012:8-11.
28	Pattern and profile of deaths due to poisoning at district hospital, Tumkur – A Retrospective study	DrSrinivasa Reddy P	JKAMLS in Jan-June – 2012:3-6.
29	Palm Length – A predictor for stature estimation in Indian population	DrSrinivasa Reddy P	IJFMT on July –December-2012:181-183.
30	Correlation of clinical and autopsy findings of head injuries in RTA	DrSrinivasa Reddy P	Lambert academic publishing, Saarbrucken Germany-2012.
31	Asphyxial deaths at district hospital, Tumkur - A Retrospective study	DrSrinivasa Reddy P	JIAFM on April-June 2012, Vol.34.No.2:146-147.
32	A Retrospective Study of Suicidal deaths at district hospital, Tumkur	DrSrinivasa Reddy P	Medico-Legal Update on July-Dec,2012,Vol.12,No.2:195-197
33	Comparative evaluation of clinical and autopsy findings in head injury cases	DrSrinivasa Reddy P	Indian journal of Forensic Medicine and Pathology on Oct-Dec,2012,Vol.5,No.4:11-13
34	Pattern of deaths in females-A retrospective study	DrSrinivasa Reddy P	Indian Internet Journal of Forensic Medicine and Toxicology,2012,Vol.10(1):5-7

35	Analysis of Medico-Legal Cases at Harsha Hospital, Nelamangala Bangalore Rural	DrSrinivasa Reddy P	IJFMT.2013:Jan-June,Vol.7,No1:61-64.
36	Retrospective Study of Road Traffic Accidents Cases at Harsha Hospital, NelamangalaBangalore	DrSrinivasa Reddy P	IJFMT,2013:Jan-June,Vol.7,No1:193-195.
37	Profile of Medico-Legal Cases at Sri Siddhartha Medical College & Hospital, Tumkur	DrSrinivasa Reddy P	Medico-Legal Update in Medico-Legal Update January-June, 2013, Vol.13, No.1:164-167.
38	A Study of Poisoning Cases at Harsha Hospital, Nelamangala Bangalore Rural	DrSrinivasa Reddy P	Medico-Legal Update in January-June, 2013, Vol.13, No.1:168-170.
39	Death Profile in Elderly – a Study in District Hospital, Tumkur. South India	DrSrinivasa Reddy P	IJFMT: 2013: July-December, Vol.7, and No.2:144-146.
40	A comparative study of pattern of medico-legal cases at two tertiary care hospitals in Karnataka	DrSrinivasa Reddy P	IJFMT2013: July-December, Vol.7, and No.2:159-163.
41	Cementalannulation and Phase Contrast Microscope; Tool for Age Estimation	DrSrinivasa Reddy P	JSIMLA Vol. 6. No.1. March-2014:9-13.
42	Sexual dimorphism of hand digit ratio (2D:4D) in Indian population	DrSrinivasa Reddy P	JSIMLA Vol. 7. No.1. March-2015:5-8.

43	A Ten Year Study of Pattern of Electrocution Deaths in Bangalore.	DrSiddaramanna T C	IJFMT July-December 2013, Vol. 7, No. 2. P.47-50.
44	Retrospective study of pattern of external injuries in road traffic accidents.	DrSiddaramanna T C	IJBAR-Vol no-5(9), 2014, p-451-3.
45	Retrospective study of profile of medicolegal cases in Tumkur region, Karnataka.	DrSiddaramanna T C	IJBAR- Vol no- 6(4), 2015, p-339-40.
46	Study of medical professional liabilities in Bellary region of Karnataka.	DrSiddaramanna T C	JIAFM April-June 2015, vol 37 (2), p-176-8.
47	Retrospective study of pattern of external injuries in road traffic accidents.	Dr.Dileep Kumar R	IJBAR-Vol no-5(9), 2014, p-451-3.
48	Reliability of Nasion-Bregma length measurement in identification of sex of skull.	Dr.Dileep Kumar R	Journal of evidence based medicine and health care. Vol 1(7),sept. 2014.p.560-3.
49	Retrospective study of profile of medicolegal cases in Tumkur region, Karnataka.	Dr.Dileep Kumar R	IJBAR- Vol no- 6(4), 2015, p-339-40.
50	Study of medical professional liabilities in Bellary region of Karnataka.	Dr.Dileep Kumar R	JIAFM April-June 2015, vol 37 (2), p-176-8.
51	Death due to hydrogen peroxide poisoning - A case report.	DrYogesh C	JIST, vol 10(2). P.29-30.

52	Fatal snake envenomation - A retrospective study.	DrYogesh C	JIST, vol 10 (2), p.14-5.
53	Study of clinico-pathological profile of renal changes in snake bite cases for a period of 18 months reported to Victoria hospital, Bangalore.	DrYogesh C	IJSRP, 2014;4(8):1-5.

* **Chapters in Books** - NIL

- **Books with ISBN with details ofpublishers** - NIL
- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) -**
- **Citation Index**: 2-3 Average: 0.5
- **SNIP**
- **SJR**
- **Impact Factor**— 0.5 to 1.9
- **h-index :** Range:

23. Details ofpatents and income generated:

Number ofpatents granted: NIL

Number ofpatents filed: NIL

24. Areas of consultancy and income generated: NIL

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad.--NIL

26. Faculty serving in a) National committees b) International committees

c) Editorial Boards d) any other (please specify)-

1. Dr.S.Shiva kumar-----Post-graduate entrance exam multiple choice question paper setter for The TamilNadu Dr.M.G.R.Health University.
2. Dr.Harish Kumar N – 1. Member advisory board Medico-legal Update journal.
2. Assistant Editor journal Karnataka medico legal Society

27. Faculty recharging strategies: (Refresher / orientation programs, workshops, training programs and similar programs).

The faculties are regularly attending Conferences, Workshops, Seminars & CME's conducted by other institutions and universities.

28. Student projects

- **percentage of students who have done in-house projects**

  Including inter-departmental projects:

  - Mohit Anand- Aconite poisoning in India in collaboration with AIIMS, New Delhi.

- **percentage of students doing projects in collaboration with other universities / industry / institute** - NIL

Student projects	2014-2015	03	Aconite poison Poisonous snakes Abrus precatorios
	2013-2014	02	Death due to poisoning in district hospital, Tumkuru. Datura poisoning
	2012-2013	02	Sting ray Artificial denture
	2011-2012	02	Postmortem artefacts Poisonous mushrooms
	2010-2011	02	Section 304(B) Thermal injuries-accidental

29. Awards / recognitions received at the national and international level by

- **Faculty** NIL
- **Doctoral / post doctoral fellows** NIL
- **Students** NIL

30. Seminars / Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any

List of seminars conducted	2014-2015	06	Medico legal aspects of injuries Ballistics Sexual offence-rape Court proceedings Lightning deaths Lead poisoning
	2013-2014	06	Firearm injuries

			Traumatic asphyxia Sudden natural deaths Serial sexual offenders Aconite poisoning Electrocution deaths
	2012-2013	06	Infanticide Criminal abortion Drowning Medical council of India Arsenic poisoning Insecticides.
	2011-2012	06	State medical council Throttling deaths Artificial insemination Accidental poisoning in children Road traffic accidents Firearm ballistics
	2010-2011	06	Railway accidents Serial killers Roadside poisons Lead poisoning Cardiac depressants Court proceedings

31. Code of ethics for research followed by the departments: YES As prescribed by Guidelines of institutional ethical committee.

32. Student profile course-wise:

Name of the Programme (refer to question no. 4)	**plications received**	**Selected**		**Pass percentage**	
		Male	**Female**	**Male**	**Female**
MBBS					
MD Forensic Medicine		NIL		NIL	Nil
M.Sc., Forensic Odontology		NIL		Nil	Nil
P.hD.,		NIL		Nil	Nil

33. Diversity of students

Name of the Course (refer to	% of students from the	% of students from other universities	% of students from universities	% of students from
MBBS(2014-15)				
MD (Forensic Medicine)	NIL	NIL	NIL	NIL

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. : NIL

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection	- 100%
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	100%
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period - NIL

38. Present details of infrastructural facilities with regard to

a) Library Yes

* Number of reference books: 141

b) Internet facilities for staff and students No

c) Total number of class rooms 03

d) Class rooms with ICT facility 02

e) Students' laboratories 01

f) Research laboratories 01

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university - NIL

b) from other universities - NIL

40. Number of post graduate students getting financial assistance from the university. : NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.NIL

42. Does the department obtain feedback from

t. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

u. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

v. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the instituition for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10)

***Sl.* No.**	**Name of Student**	**Qualification**	**Present position**

1			
2			

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl.	Name of the Programme	Staff / Faculty	Beneficiary
1	Scene of crime in Bomb blast	:S.Shivakumar :Siddaramanna.TC	UG
2	Envenomation in Snake Bite	:S.Shivakumar	UG

45. List the teaching methods adopted by the faculty for different programmes including clinical teaching..

LCD Projector, OH Projector, Group discussion, class room teaching, laboratory training and hands on experience, Seminar, Court room simulation, post mortem demonstration, etc.,

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Theory & Practical Internal Assessment Tests, Seminars and assignments to prepare charts and dental casts.

47. Highlight the participation of students and faculty in extension activities.

Apart from the academic activities the faculty and students are involved in other activities including social awareness program conducted by College like trauma prevention, emergency care and awareness programmes for school students by conducting medical exhibition.

48. Give details of "beyond syllabus scholarly activities" of the department.

The students are trained for futurebasic research methodologies.

49. State whether the programme/ department is accredited/ graded by other agencies?

If yes, give details: NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

1. Medico Legal opinion to police and PHCdoctors.

51. Future plans of the department.

1. Taking over casualty to handle Medico Legal cases at SSMC Hospital.
2. Taking jurisdiction of police stations in Tumkur.

52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths -

- The department working as a team.
- Faculty is highly experienced.
- Readiness to face any challenge in administration of justice.
- Readiness to help the PHC and other doctors in discharge of medico legal duties.
- Faculty members' willingness to go beyond their official duties to help students to be better prepared to face medico legal cases in their future.

Weakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities and Challenges—

Taking control of police stations in Tumkur for medico legal work so that the conviction rate in courts are increased for better administrations of justice.

Evaluative Report of Community Medicine

1. **Name of the Department** Community Medicine
2. **Year of establishment** **:** 1988
3. **Is the Department part of a School/ Faculty of the university? :** YES, Department in Sri Siddhartha MedicalCollege,
4. **Names of Programmes / Courses offered** (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

   UG Courses : MBBS

   PG Courses MD
5. **Interdisciplinary courses and departments involved -** YES

   MD Community Medicine - OBG, Paediatrics, General Medicine, Skin, ENT, Ophthalmology and Psychiatry.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc. -** NIL
7. **Details of programmes / courses discontinued, if any, with reasons:** NIL
8. **Annual/ Semester/Choice Based Credit System -** As per MCl /University Guidelines
9. **Participation of the department in the courses offered by other departments:**

Si. Na	Name of the Course	Name of the Dept	Whether Approved by UGC / DCI /PCI / MCI / AICTE
1	BDS & MDS	Sri Siddhartha Dental College	DCI
2	BSc & MSc. Nursing	Sri Siddhartha College of Nursing	INC

10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

Designation	Sanctioned	Filled	Actual (including
Professor	01	03	03
Associate Professors	02	03	03
Asst. Professors	07	07	07
L.M.O/M.O	02	04	04
Tutors	04	06	06

11. Faculty profile with name, qualification, designation and specialization

(D.Sc./D.Litt./ Ph.D. / M.Phil, etc.)

Name	Qualification	Designation	Specialization	No. of Years of experience	No. of Ph.D./M.D students guided for the last 4 years
Dr.M.S.Rajanna	MBBS, MD	Professor & Head	Community Medicine	40 y 9m	3
Dr. Krishna Iyengar	MBBS, MD	Professor	Community Medicine	30y 6m	2
Dr.Ashok.J	MBBS, MD	Professor	Community Medicine	15y 6m	3
Dr.JaiPrakash	MBBS, MD	Associate Professor	Community Medicine	14y 4m	Nil
Dr.Venkatesh.P	MBBS, MD	Associate Professor	Community Medicine	11y	Nil
Dr.Pallavi Sarji Uthkarsh	MBBS, MD	Associate Professor	Community Medicine	8y	Nil
Dr.Raveesh.P.M	MBBS, MD	Assistant Professor	Community Medicine	6y	Nil
Dr.Mahesh.S.H	MBBS, MD	Assistant Professor	Community Medicine	6y	Nil
Dr. Swetha.R	MBBS, MD	Assistant Professor	Community Medicine	6y	Nil
Dr. Rajesh.S.S	MBBS, MD	Assistant	Community	5y	Nil

		Professor	Medicine		
Dr. Usha Rani	MBBS, MD	Assistant Professor	Community Medicine	4yr 1m	Nil
Dr.CheluveGowda.C	MBBS, MD	Assistant Professor	Community Medicine	4 yr	Nil
Mr.Prakasam. G	MSc.	Assistant Professor	Statistics	7y	Nil

*List of Tutors not included

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:**

NIL

13. **Percentage of classes taken by temporary faculty — programme-wise information:** NIL

14. **Programme-wise Student Teacher Ratio : MBBS-8:1,MD-** 1:1

15. **Number of academic support staff (technical) and administrative staff:** sanctioned and filled

Sl.	Designation	Sanctioned	Filled
1	Academic support staff	2	5
2	Administrative staff	2	1

16. **Research thrust areas recognized by funding agencies GIS, Women empowerment, studies on tribal people recognized by ICMR.-** NIL

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.**

List of ongoing projects	2014-2015	17	**Dr M S Rajanna** Health and longevity ongoing case study **Dr Ashok J** Prevalence of Domestic Violence among grade IV workers in a Medical Institution **Dr Jai Prakash**

			KAP Study on medical students towards Senior Citizens and aged patients **Dr Venkatesh** Assessment of life skills among adolescents in high schools Depression, Anxiety and Stress among high school students **Dr Raveesh** Effect of calcium supplement on serum fluorine concentration in people with fluorosis :a comparative study **Dr Rajesh SS** A Study Of Life Skills Assessment Among Adoleacents in A High School. 2.Study Of Depression, Anxiety And Stress Level Among High School Students **Dr.Mahesh S H** 1. A study to assess the effect of internet addiction on academic performance among medical students. 2. Use of home remedies and health care seeking behavior among care takers of under five children in rural field practice area of medical college : Focus group discussion **Dr.Rajesh P** A study to assess the determinants of gender differences in self rated health among disabled in Tumkur city **Dr Ashiq** A study on substance abuse among medical college students of Tumkur city
	2013-2014	0	**Dr Ashok J** Universal Health Coverage – Current status and its feasibility for implementation

18. Inter-institutional collaborative projects and grants received a) All India collaboration b) International : NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received:

Title of the Project	Name of the funding Agency	Duration	Remarks
Go Green Initiative	Sri Siddhartha Academy of Higher Education, Tumkur	Ongoing	
Tumkur Youth Road Safety Programme	Sri Siddhartha Education Society & Sri Siddhartha Academy of Higher Education, Tumkur	Ongoing	

20. Research facility / centre with

- state recognition: NIL
- national recognition: NIL
- international recognition: NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies: NIL

22. Publications:

- Number of papers published in peer reviewed journals (national / international)
  International: 06 National: 17
- Monographs: NIL
- Chapters in Books —
- Edited Books: NIL
- Books with ISBN with details of publishers
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)-
- Citation Index — range / average: -
- SNIP: -
- SJR: -
- Impact Factor — range / average : -
- h-index

International publication	2014-2015	6	**Dr. Swetha R** 1.Study of Opportunistic Infections in HIV Seropositive Patients Attending Government General Hospital Vijayawada **2.Dr.Usha Rani** "An outbreak of Staphylococcal poisoning in a nursing hostel, Mysore, Karnataka'' , International journal of Medicine and Public health;Jul-Sep 2014 ,Vol 4 ;Issue 3;257-59 3. Congenital Varicella Syndrome with Congenital Heart Disease - A Rare Association, International Journal of Health Sciences and Research;2015:vol 5(1);344-46.
	2013-2014	6	**Dr Ashok J** Burden of injuries and the risk factors in road traffic injuries in South India (co-author) **Dr Jai Prakash** A KAP study & eating habits among medical faculty of medical college **Dr Venkatesh** Burden of injuries and the risk factors in road traffic injuries in South India (co-author) **Dr Swetha R** Study of breastfeeding practices in coastal region of South India: a cross sectional study
	2012-2013	1	
	2011-2012	3	**Dr.Mahesh S H** 1. Pandemic influenza: Experience in a flu OPDof a tertiary care hospital medical journal armed forces india 70 (2014) 39-42. 2. Journal scan Novoa AM, Pérez K, Santamariña-Rubioa E, Borrell C. Effect on road traffic injuries of criminalizing road traffic offences: a time-series study. Bull World Health Organ

			2011;89:422–431. Published online: 31 March 2011.
	2010-2011	0	
National publication	2014-2015	4	**Dr Ashok J** Rickettsial Disease in Children **Dr Jai Prakash** The pattern of consumption of fruits & vegetables among medical students **Dr Ravesh** Indian journal of community health:Prevalence of IDD among 6-12 yrs school children of gulburga **DR Rajesh SS** The Pattern Of Consumption Of Fruits And Vegetables Among Medical Students In Private Medical College Of South India
	2013-2014	6	**Dr Ravessh** Indian Journal of MCH :a study on diarrheal morbidity and management in children under 5 years in rajapora **Dr Swetha R** Morphometric Analysis of Suprascapular Notch in Human Adult Scapulae with Clinical Relevance. A study of knowledge and attitude regarding medical ethics among junior doctors in south India **Dr.Usha Rani** Awarded Best poster award for scientific paper on "Pattern of Domestic Accidents among Elderly in Mysore City: A Cross sectional study" at GPHCON 2014 Feb 21-23, on the theme "Multidisciplinary Approaches to public health innovations, practices and future strategies" **Dr.Mahesh S H** "Assessment of Clinical Profile and Treatment Outcome of Extra Pulmonary Tuberculosis Patients under RNTCP in Rural Medical College, South India". Journal of Evolution of Medical and Dental Sciences 2014; Vol. 3, Issue **40; 10174-10182**

			A study to determine the nutritional status of high school children in rural field practice area of medical college. Int J Contemp Pediatr 2014;1:148-51.
	2012-2013	3	**Dr Swetha R** Study of Utilization of Antenatal Care Services in Slum and Non- Slum Areas of Vijayawada City **Dr.Mahesh S H** Perinatal outcome of twin pregnancies at a tertiary care centre, south india. Int J Biol Med Res. 2013; 4(1):2683-2685. Prospective study for assessment of Incisional hernia and its outcome following anatomical repair and polypropylene mesh repair .Int J Biol Med Res. 2013; 4(3) :3472- 3474
	2011-2012	0	
	2010-2011	2	**DR Swetha R** Study of Opportunistic Infections in HIV Seropositive Patients Attending Government General Hospital Vijayawada National conference of indian association of preventive and social medicine at berhempur Orissa

23. **Details of patents and income generated :** NIL
24. **Areas of consultancy and income generated** : NIL
25. **Faculty selected nationally/ internationally to visit other laboratories in India and abroad**: NIL
26. **Faculty serving in**

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Other- Dr.Raveesh P.M, Assistant Professor, is a member of Adverse Events following Immunization (AEFI) Committee, Tumkur District.

27. **Faculty recharging strategiesMedical Education Unit is periodically conducting workshops to train the teachers in medical educational technology. Faculties regularly attend conferences and workshops to update their knowledge.**
28. **Student projects**

- percentage of students who have done in-house projects including inter-departmental projects : PG - 100%, UG - 20%

- percentage of students doing projects in collaboration with other universities / industry / institute : NIL

Student projects	2014-2015	1	Dr.Mahesh S H **1. A study to determine the nutritional status of high school children in rural field practice area of medical college. Int J Contemp Pediatr 2014;1:148-51.**
	2013-2014	3	Dr Swetha R 1. KAP on road traffic injuries among students in tumkur 2. Awareness of HPV and HPV vaccine among medical students 3 Prevalence of self medication among adult population in tumkur
	2012-2013	1	Dr Swetha R Study of prevalence of anaemia among ANC mothers in rural field practice area of medical college

29. Awards / recognitions received at the national and international level by

- Faculty: 02

  Dr.M.S.Rajanna, Professor and Head, got conferred with Community Health Literary award from Karnataka Association of Community Health (KACH)

  Dr. Pallavi Sarji Uthkarsh, Best Oral presentation in KACH SilverCon under Faculty category.
- Dr. Usha Rani, Assistant Professor got the best poster presentation award in 24th annual conference KACH held at NMC, Bagalkot 2012.
- Dr.Usha Rani, Assistant Professor got the best poster presentation award in GPH CON 2014 at SRM University, Chennai, 2014
- Doctoral / post doctoral fellows: NIL
- Students: NIL

Awards	2014-2015	1	**Dr Jai Prakash** Senior Scientist Award
	2013-2014	3	**Dr M S Rajanna**: KACH prolific community health literature award. (During 26th annualconference at JNMC Belgaum. **Dr Pallavi** Best Paper award for full paper under faculty category **Dr Usha Rani** Awarded Best poster award for scientific paper on "Pattern of Domestic Accidents among Elderly in Mysore City: A Cross sectional study" at GPHCON 2014 Feb 21-23, on the theme "Multidisciplinary Approaches to public health innovations, practices and future strategies".
	2012-2013	2	**DR M S Rajanna** Honoured during 25th annual conference at BMCRC Bangalore.(contribution to community medicine and KACH **Dr Usha Rani** Awarded Best poster award for presenting scientific paper on "Study of Depression among Elderly in urban field practice Area of community medicine department, JSS Medical college, Mysore" at 24th Annual Conference of Karnataka Association of Community Health (KACH SILVERCON-2012) held at Bagalkote on 3rd and 4th 2012
	2011-2012	1	**Dr Pallavi** Nominated for best contribution award in ROAD TRAFFIC INJURIES RSEARCH NETWORK
	2010-2011	1	**Dr Pallavi** Best thematic presentation

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Name of the Seminar / Conference /	Title	Place and Date	Name of the Sponsoring
CME	**Vector-borne disease**	**05-04-2013**	**Govt. of Karnataka**

Conferences attended	2014-2015	46	
	Dr.M.S.Rajanna KACH conference at Belgaum 2014 **Dr Ashok** KACH conference at Belgaum 2014 **Dr Jai Prakash** Rabies Update at SSMC 15/4/15 TB everywhere diagnosis matters SIMC and RC Bangalore **Dr Venkatesh** SAMAAGAMA- Converging Paths Interdisciplinary conference between Ayurdeva and Allopathy @ Mysuru 12th & 13th December 2014 **Dr Pallavi** INTERNATIONAL FORUM ON SAFETY AND QUQLITY IN HEALTH CARE –HONG KONG INTERNATIONAL SYMPOSIUM AT IIT DELHI DEC 2015 **DR Raveesh** National workshop on public health nutrition", JJMC 2."Operations research in public health" BGS Global Institute of Medical sciences.		

	Bengaluru. 3.”Work shop on RNTCP”, SIMS,Tumkur 4. KACH conference, Belagaum 5 .Applied statistics in biomedical research, KIMS,Bengaluru. 6. Bio medical communication, Belagaum 7.Rabies update, SSMC 8.Advanced epidemiology workshop, NIMHANS **DR Rajesh SS** .CME on RABIES UPDATES on 22nd april 2015 at Sri Siddhartha Medical College Tumkur. 2.CME On RNTCP PROGRAM held at Sri Siddhartha Medical College Tumkur on 28th March 2015. **Dr.Mahesh S H** National level workshop cum Training program on Research Methodology and Biostatistics, Khammam Telangana **Dr.Rajesh P** .”National workshop on public health nutrition”, JJMC .”Operations research in public health” BGS Global Institute of Medical sciences. Bengaluru. ”Work shop on RNTCP”, SIMS,Tumkur . KACH conference, Belagaum .Applied statistics in biomedical research, KIMS,Bengaluru. . Bio medical communication, Belagaum .Rabies update, SSMC .Advanced epidemiology workshop, NIMHANS

Dr.Shwetha T M

National workshop on public health nutrition", JJMC

Operations research in public health" BGS Global Institute of Medical sciences. Bengaluru.

Work shop on RNTCP", SIMS,Tumkur

. KACH conference, Belagaum

.Applied statistics in biomedical research, KIMS,Bengaluru.

. Bio medical communication, Belagaum

.Rabies update, SSMC

.Advanced epidemiology workshop, NIMHANS

2013-2014	27	

Dr.M.S.Rajanna

Karnakataka Association of Community health conference held at JNMC Belgaum

Dr Ashok J

. KACH Silver Jubilee conference at Bangalore Medical College October 2013

Dr Jai Prakash

National workshop on Public Health Nutrition JJMC Dawangere Jan 13

Workshop on RNTCP SIMS&RH,

CME on Vector borne Diseases MS Ramaiah Med College

Applied Statistics and Biomedical Research KIMS Bangalore Aug 14

Dr Venkatesh

KACH Silver Jubilee conference at Bangalore Medical College October 2013

Dr Raveesh

PG refreshers course Rajarajeshwari medical college.Bengaluru.

.CME on Non communicable diseases control program in KIMS

	.KACH Conference in BMC .Recognizing harm from alcohol use and integrating screening; Geriatric mental health. BMC.Bengaluru **Dr Swetha R** Karnataka association of community health conference at Banglore Medical College Banglore **Dr Rajesh SS** CME on DIABETES MELLITUS UPDATE Held at Sri Siddhartha Medical College Tumkur on 14th november 2014. 2.26th annual state conference of KARNATAKA ASSOCIATION OF COMMUNITY HEALTH (KACH) KACHCON-2014 held on 10th and 11th october 2014 at Jawaharlal Nehru Medical College Belgaum. CME on RNTCP PROGRAM held at Sri Siddhartha Medical College Tumkur on 27th March 2014. 4.25th annual conference OF KARNATAKA ASSOCIATION OF COMMUNITY HEALTH held on 30th november and 1st december 2013 bangalore Medical College and Research Institute Bangalore. **Dr.Usha Rani** 1) KACHCON 2013, BANGALORE 2) GPHCON 2014, CHENNAI **Dr.Rajesh P** 1.PG refreshers course Rajarajeshwari medical college.Bengaluru. 2.CME on Non communicable diseases control program in KIMS 3.KACH Conference in BMC 4.Recognizing harm from alcohol use and integrating screening;

	Geriatric mental health. BMC.Bengaluru. Dr.Shwetha T M 1.PG refreshers course Rajarajeshwari medical college.Bengaluru. 2.CME on Non communicable diseases control program in KIMS 3.KACH Conference in BMC 4.Recognizing harm from alcohol use and integrating screening; Geriatric mental health. BMC.Bengaluru.		
	2012-2013	13	**Dr Jai Prakash** (a) Challenges in Management of Malaria of Malaria, Dengue, Vector borne disease SSMC (b)Working models in Geriatric St John Medical college (c) KACH 25 BMC & RI Bangalore **Dr Venkatesh** Evidence based Public Health conference – October 5th and 6th 2012 **Dr Pallavi** KACH CONFERENCE AT BANGALORE **Dr Rajesh SS** FATHER MULLER INTERNATIONAL CARDIO DIABETES CONFERENCE 2012 held on 22nd and 23rd september 2012 at Father Muller Medical College Mangalore **Dr.Usha Rani** 1) KACHCON 2012, BAGALKOTE 2)5 Days Disaster Management Training At Raja Rajeshwari Medical College Sep 2012 3) International Conference In Statistics, PALA, 2013 AUGUST
	2011-2012	11	**DR Jai Prakash** Genetics & management of Infertility SSMC Aug 12

			Dr Rajesh SS .56th annual national conference of INDIAN PUBLIC HEALTH ASSOCIATION, IPHALCON -2012 from 10th to 12th february 2012 at Kochi. 2.Conference on Ethical Aspects and Human Resources and Healthcare Management, ETICA 2012 held at A J Hospital and Research Centre Mangalore on 28th January 2012. 3.Attended 23rd annual l conference of KARNATAKA ASSOCIATION OF COMMUNITY HEALTH (KACH) held at Kasturba Medical College Manipal on 21st and 22nd october 2011. 4.MID RESPICON 2011 on 16th october 2011 at A J Institute Of Medical Sciences Mangalore **Dr.Usha Rani** 1) KACHCON2011, MANIPAL 2) MDRF-FIU Chennai Feb -2012 3)National institute of vector borne diseases-Hosur workshop Dec 27-29th 2011 **Dr.Mahesh S H** National IPHA Conference at Belgaum State IPHA Conference at Karad, Maharashtra
	2010-2011	10	**Dr Jai Prakash** Management of Genetic disorders in Pregnancy, SSMC Dr Venkatesh Evidence based Public Health Conference December 9th and 10th 2010 **Dr Pallavi U** SAFETY 2010 LONDON

			KACH –CONFERENCE AT KOLAR Dr Swetha R 1. National conference of association of preventive and social medicine at Berhempur Orissa State level conference of IAPSM and IAPH Mamtha medical college at Kammam Andhra Pradesh **Dr.Mahesh S H** National IPHA Conference at Vizag
Conferences / workshops conducted	2014-2015	8	**Dr Jai Prakash** Spreading message"Healthy Lifestyle" through E mail Rabies Update" SSMC.Tumkur **Dr Rajesh SS** Conducted CME on RABIES UPDATES on 22nd april 2015 at Sri Siddhartha Medical College Tumkur. 2.Conducted PG REFRESHER COURSE at Sri Siddhartha Medical college TUMKUR in October 2014. **Dr.Mahesh S H** "RABIES UPDATES" **Dr.Rajesh P** "RABIES UPDATES" **Dr.Shwetha T M** "RABIES UPDATES" **Dr.Ashiq**

			"RABIES UPDATES" **Dr.Debeshwar singh** "RABIES UPDATES"
	2013-2014	4	**Dr.M.S.Rajanna** Challenges in Management of Malaria, Dengue and other Vector borne diseases. **Dr Ashok J** PG Refresher course 12-13th September 2014 **Dr venkatesh** Pg Refresher course 12-13th September 2014 **Dr.Mahesh S H** PG REFRESHER COURSE
	2012-2013	1	**Dr.Mahesh S H** "ARBOVIRAL DISEASES"

31. Code of ethics for research followed by the departments:

YES. As prescribed by various National Governing bodies and Institutional Ethical Committee guidelines

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Percentage	
		Male	Female	Female	Male
MBBS					
MD		**01**	**01**	**100**	**100**

33. Diversity of students

Name of the Course (refer to	% of students from the	% of students from other universities	% of students from universities	% of students from
MBBS	Nil	%	%	%
MD	Nil	33%	67%	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

-NIL-

35. Student progression

Student progression	Percentage against **enrolled**
UG to PG	-
Employed • Campus selection	- 100%
Entrepreneurs	-

36. Diversity of staff

Percentage of faculties who are graduates	%
Of same university	7
From other universities within State	86
From universities from other State	7
From universities outside countries	NIL

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : NIL

38. Present details of infrastructural facilities with regard to

a) Library : 199 Books

b) Internet facilities for staff and students: YES

c) Total number of class rooms : 03

d) Class rooms with ICT facility: 03

e) Students' laboratories: 01

f) Research laboratories: 01

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university : MD

b) from other universities: NIL

40. Number of post graduate students getting financial assistance from the university:

NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:

YES. Before offering a new program, the university initiates discussions with a group of academicians and concerned subject experts. The recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

w. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

x. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

y. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10): Dr.Fouzia Nazir, Tutor cum Medical Officer, Jammu & Kashmir State Health

44. Give details of student enrichment programmes (special lectures /workshops / seminar) involving external experts:

- CME on Challenges and Management of Malaria, Dengue and other Vector-borne diseases on 5th April 2013

- PG Refresher course conducted on 17th &18th August 2014
- Youth Road Safety Awareness on 7th April 2015
- CME on Rabies update conducted on April 2015

45. List the teaching methods adopted by the faculty for different programmes.

Lecture presentation with the help of LCD Projector, video presentation, Student Seminar / Tutorials, Case Discussion, Educational Field Visits, Students Small projects.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Monthly meetings & periodic assessment

47. Highlight the participation of students and faculty in extension activities.

Apart from the academic activities the faculty and students are involved in other activities including Health awareness program, NSS and Pulse polio monitoring, Wear-Helmet campaign, Household survey on leprosy and nutrition among the school students, Training of Medical Officers with regard to the Infection management and Environment Planning, Observation of National Health Days such as World Health Day 2014, Observation of School Health Programmes, World Breastfeeding week, World No Tobacco Day, World Environment Day, Focus group discussion about the antenatal care services, etc.

Conferences attended	2014-2015	46	
	Dr.M.S.Rajanna KACH conference at Belgaum 2014 **Dr Ashok** KACH conference at Belgaum 2014 **Dr Jai Prakash** Rabies Update at SSMC 15/4/15 TB everywhere diagnosis matters SIMC and RC Bangalore **Dr Venkatesh**		

SAMAAGAMA- Converging Paths Interdisciplinary conference between Ayurdeva and Allopathy @ Mysuru 12th & 13th December 2014

Dr Pallavi

INTERNATIONAL FORUM ON SAFETY AND QUQLITY IN HEALTH CARE –HONG KONG

INTERNATIONAL SYMPOSIUM AT IIT DELHI DEC 2015

DR Raveesh

National workshop on public health nutrition", JJMC

2."Operations research in public health" BGS Global Institute of Medical sciences. Bengaluru.

3."Work shop on RNTCP", SIMS,Tumkur

4. KACH conference, Belagaum

5 .Applied statistics in biomedical research, KIMS,Bengaluru.

6. Bio medical communication, Belagaum

7.Rabies update, SSMC

8.Advanced epidemiology workshop, NIMHANS

DR Rajesh SS

.CME on RABIES UPDATES on 22nd april 2015 at Sri Siddhartha Medical College Tumkur.

2.CME On RNTCP PROGRAM held at Sri Siddhartha Medical College Tumkur on 28th March 2015.

Dr.Mahesh S H

National level workshop cum Training program on Research Methodology and Biostatistics, Khammam Telangana

Dr.Rajesh P

."National workshop on public health nutrition", JJMC

	.”Operations research in public health” BGS Global Institute of Medical sciences. Bengaluru. ”Work shop on RNTCP”, SIMS,Tumkur . KACH conference, Belagaum .Applied statistics in biomedical research, KIMS,Bengaluru. . Bio medical communication, Belagaum .Rabies update, SSMC .Advanced epidemiology workshop, NIMHANS **Dr.Shwetha T M** National workshop on public health nutrition”, JJMC Operations research in public health” BGS Global Institute of Medical sciences. Bengaluru. Work shop on RNTCP”, SIMS,Tumkur . KACH conference, Belagaum .Applied statistics in biomedical research, KIMS,Bengaluru. . Bio medical communication, Belagaum .Rabies update, SSMC .Advanced epidemiology workshop, NIMHANS		
	2013-2014	27	
	Dr.M.S.Rajanna Karnakataka Association of Community health conference held at JNMC Belgaum **Dr Ashok J** . KACH Silver Jubilee conference at Bangalore Medical College October 2013 **Dr Jai Prakash** National workshop on Public Health Nutrition JJMC Dawangere Jan 13 Workshop on RNTCP SIMS&RH, CME on Vector borne Diseases MS Ramaiah Med College		

Applied Statistics and Biomedical Research KIMS Bangalore Aug 14

Dr Venkatesh

KACH Silver Jubilee conference at Bangalore Medical College October 2013

Dr Raveesh

PG refreshers course Rajarajeshwari medical college.Bengaluru.

.CME on Non communicable diseases control program in KIMS

.KACH Conference in BMC

.Recognizing harm from alcohol use and integrating screening;

Geriatric mental health. BMC.Bengaluru

Dr Swetha R

Karnataka association of community health conference at Banglore Medical College Banglore

Dr Rajesh SS

CME on DIABETES MELLITUS UPDATE

Held at Sri Siddhartha Medical College Tumkur

on 14th november 2014.

2.26th annual state conference of

KARNATAKA ASSOCIATION OF

COMMUNITY HEALTH (KACH)

KACHCON-2014 held on 10th and 11th

october 2014 at Jawaharlal Nehru Medical

College Belgaum.

CME on RNTCP PROGRAM held at Sri

Siddhartha Medical College Tumkur on 27th

March 2014.

4.25th annual conference OF

KARNATAKA ASSOCIATION OF

COMMUNITY HEALTH held on 30th

november and 1st december 2013

bangalore Medical College and

Research Institute Bangalore.

Dr.Usha Rani

1) KACHCON 2013, BANGALORE

	2) GPHCON 2014, CHENNAI **Dr.Rajesh P** 1.PG refreshers course Rajarajeshwari medical college.Bengaluru. 2.CME on Non communicable diseases control program in KIMS 3.KACH Conference in BMC 4.Recognizing harm from alcohol use and integrating screening; Geriatric mental health. BMC.Bengaluru. Dr.Shwetha T M 1.PG refreshers course Rajarajeshwari medical college.Bengaluru. 2.CME on Non communicable diseases control program in KIMS 3.KACH Conference in BMC 4.Recognizing harm from alcohol use and integrating screening; Geriatric mental health. BMC.Bengaluru.		
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			3) International Conference In Statistics, PALA, 2013 AUGUST
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			"RABIES UPDATES" **Dr.Ashiq** "RABIES UPDATES" **Dr.Debeshwar singh** "RABIES UPDATES"
	2013-2014	4	**Dr.M.S.Rajanna** Challenges in Management of Malaria, Dengue and other Vector borne diseases. **Dr Ashok J** PG Refresher course 12-13th September 2014 **Dr venkatesh** Pg Refresher course 12-13th September 2014 **Dr.Mahesh S H** PG REFRESHER COURSE
	2012-2013	1	**Dr.Mahesh S H** "ARBOVIRAL DISEASES"

48. **Give details of "beyond syllabus scholarly activities" of the department**.
The students participate in the student research projects which allow them exposure to basic research methodology.

49. **State whether the programme/ department is accredited/ graded by other agencies? If yes, give details;** NIL

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**
Faculty, PGs and UGs attend national and international conferences to interact with eminent scientists.

51. **Future plans of the department**.

- To establish Research Wing in the Department for coordinating research projects related to public health
- To strengthen the RHTC and Urban Health centre activities
- Making the campus eco-friendly by planting saplings and usage of bicycles in campus.
- Skill based training for the training and life skills education among the medical students.

52. **Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department**.

Strengths: Qualified and experienced Faculty.

Weakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities: PG's and UG's are exposed to field activities like participation in national health programs, good interaction with the District Health system and Other organization concerned to public health.

Challenges: Facility and control of the vehicular support from the college in conducting the outreach activities.

`Evaluative Report of General Medicine

1. **Name of the Department** General Medicine
2. **Year of establishment** 1988
3. **Is the Department part of a School/ Faculty of the university?**
4. **Department of Sri siddhartha Medical College,**
5. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated** Ph.D., etc.)

   UG -MBBS

   PG-MD
6. **Interdisciplinary courses and departments involved** — TB Chest diseases, Nephrology, cardiology
7. **Courses in collaboration with other universities, industries, foreign institutions, etc**: NIL
8. **Details of programmes / courses discontinued, if any, with reasons**: NIL
9. **Examination System: Annual/Annual/ Semester/Choice Based Credit System-**

   As per MCl/University Guidelines

9. Participation of the department in the courses offered by other departments;

Si. Na	Name of the Course	Name of the Dept	Whether Approved by UGC / DCI /PCI / MCI / AICTE
1	BDS	College of Dental Sciences	DCI

10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

	Sanctioned	Filled	al (including CAS & MPS)
Professor	01	04	04
Associate Professors	06	09	09
Asst. Professors	11	08	08
Sr. Resident	09	11	11
Jr. Resident	18	20	20

11. Faculty profile with name, qualification, designation and specialisation experience and research under guidance

(D.Sc./D.Litt./ Ph.D./M.Phil , etc.)

Name	Qualification	Designation	Specialization	No. of Years of	No. of Ph.D. MD students
Dr. Sharath Kumar D Shah	MBBS, MD	Professor & HOD	Medicine	22 & 1/2 years	
Dr. A.G. Srinivasa Murthy	MBBS, MD	Professor & principal	Medicine	24 years 6 month	
Dr.Muddurangappa	MBBS, MD	Professor	Medicine	21 years &6 month	
Dr. S.G. Parameshwarappa	M B B S MD	Professor	Medicine	15 years	
Dr. Suresh Babu K P	MBBS, MD	As so. Professor	Medicine	11 yrs & 6months	
Dr. Prabhudeva	MDB S, & M	As so. Professor	Medicine	10 years	
Dr. Suma KR	MBBS, MD	As so. Professor	Medicine	9 years	
Dr. Daruka	MBBS, MD	As so. Professor	Medicine	8 yrs. 5 months	
Dr. Gireesh AS	MBBS, MD	As so. Professor	Medicine	7yrs. 10months	
Dr. Shubhakara K	MBBS, MD	As so. Professor	Medicine	6 yrs. 5 months	
Dr. Siddeshwara Swamy	MBBS, MD	As so. Professor	Medicine	6 Years	
D Dr. Lankappa	MBBS, MD	Asso. Professor	Medicine	8 yrs. 9 months	

Dr. Cheluvaraj	MBBS, MD	Asso. Professor	Medicine	8 yrs. 5 months	
Dr. Sateesh	MBBS, MD	Asst. Professor	Medicine	1 yr. 6 months	
Dr. Bhutto	MBBS, MD	Asst Professor	Medicine	6 yrs. 11 months	
Dr. Praveen Kumar	MBBS, MD	Asst. Professor	Medicine	4 years & 6 months	

Dr. Gireesh	MBBS, MD	Asst Professor	Medicine	5 years	
Dr. Vineetha	MBBS, MD	Asst Professor	Medicine	4 years & 5 months	
Dr. Lokesh MR	MBBS, MD	Asst Professor	Medicine	1 years & 7 months	

	MBBS, MD	Asst Professor	Medicine	1 year	
Dr. Sandeep BR	MBBS, MD	Asst Professor	Medicine	9 months	
Dr Pramodh k		Sr Resident	Medicine	5 years	
Dr Anitha .S	MBBS,	Sr. Resident	Medicine	3 years & 7 months	
Dr Murali Mohan	MBBS,	Sr. Resident	Medicine	5years & 6 months	
Dr T N Shankrappa	MBBS,	Sr. Resident	Medicine	4years & 8 months	
Dr Sridhar A V	MBBS,	Sr. Resident	Medicine	4 years & 5 months	

Dr Raju S	MBBS,	Sr. Resident	Medicine	4 years & 5 months	
Dr. RIZWAN AHAMED. M. N	MBBS,	Sr. Resident	Medicine	4 years & 7 months	
Dr Lavanya H.A	MBBS,	Sr.	Medicine	5 years	
Dr. NAVEEN KUMAR. M	MBBS,	Sr. Resident	Medicine	4years & 5 months	
Dr Savitha .N	MBBS,	Sr.	Medicine	5 years	
Dr. SHAM GOPINATH	MBBS,	Sr. Resident	Medicine	5 years & 5 months	

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** Nil
13. **Percentage of classes taken by temporary faculty — programme-wise information** : NIL
14. **Programme-wise Student Teacher Ratio**: UG — 5:1 , PG — 1:1
15. **Number of academic support staff (technical) and administrative staff: sanctioned and filled**

	Sanctioned	**Filled**
Research assistant	03	04
Technicians	02	02

16. **Research thrust areas recognized by funding agencies**

Sl. No.	**Name**	**Department**	**Title**	**Agency**	**Period**
1	Dr Ghouse Pasha	Medicine	Study of cardio vascular manifestations of hypothyroidism	SSMC Tumkur	Completed Sep 2011-Aug 2013
2	Dr roopak Mohan	Medicine	Study of impaired glucose tolerance and Diabetes Mellitus in	SSMC Tumkur	Completed Sep 2011-Aug

			cirrhosis of liver		2013
3	Dr Vinayak Bhat	Medicine	Diabetes among Women in Urban and Rural Population- A Cross Sectional Study	SSMC Tumkur	Completed Sep 2011-Aug 2013
4	Dr Ameet Oswal	Medicine	Hypothyroidism an independent risk factor for cardiac disease-cross sectional study.	SSMC Tumkur	Ongoing Sep 2012 – Aug 2014
5	Dr Anupam Biswas	Medicine	To study the treatment outcome of RNTCP in patients co-infected with HIV and TB.	RNTCP Tumkur	Ongoing Sep 2012 – Aug 2014
6	Dr Mounika Kilari	Medicine	A clinical and laboratory study of lipid profile in hypertensives in the age group 18-40 years.	SSMC Tumkur	Ongoing Sep 2012 – Aug 2014
7	Dr Syam Gopinath	Medicine	Study of clinical profile of stroke with special reference to risk	SSMC Tumkur	Ongoing Sep 2012 – Aug

			factors.		2014
8	Dr Gowtham K	Medicine	Study Clinical Laboratory and Radiological profile in new onset of seizures in young adults.	SSMC Tumkur	Ongoing Oct 2013 –Apr 2015
9	Dr Mahesh K	Medicine	A clinical study of Diabetic ketoacidosis.	SSMC Tumkur	Ongoing Oct 2013 –Apr 2015
10	Dr Prudhvi Naresh K	Medicine	A study of oral glucose tolerance in pulmonary tuberculosis.	RNTCP Tumkur	Ongoing Oct 2013 –Apr 2015
11	Dr Shahanaz Shaik	Medicine	The study of clinical and laboratory Profile of extra pulmonary Tuberculosis.	RNTCP Tumkur	Ongoing Oct 2013 –Apr 2015

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

List of on going projects	**2014-2015**		1. Validity of IDSA /ATS scoring system in Community acquired pneumonia –By Dr A.G.Shrinivas Murthy

			2. Prevalance of Syndrome X in Young Hypertensives by considering clinical and laboratory profile .- By Dr. Sharath Kumar D Shah 3. Study of Incidence of Sputum positive Pulmonary Tuberculosis and Extra pulmonary tuberculosis in HIV patients and its treatment outcome under RNTCP – By DR.Muddurangappa R 4. Evolution of Stroke in Young – By Dr. Parameshwarappa S.G 5. Microalbuminuria – In type 2 Diabetes Mellitus , Its relation with waist circumference and Body Mass Index – By Dr. Suma K. R 6. Study of Biochemical Profile in DKA – By Dr. Prabhudeva 7. Treatment outcome of MDR TB in RNTCP – By D.Siddeshwaraswami .P . 8. Atypical presentation of Hypothyroidism – By Dr. Gireesh A.S 9. Insulin Resistance in Obese females compared to normal

			weight females – By Dr. Daruka 10. Study of Lipid profile in Diabetic females from Rural settings – By Dr. Lankappa 11. Study of Diastolic Dysfunction in obesity –By Dr Praveen Kumar 12. Study of prevalence of Periarthritis of shoulder in patients with Type 2 Diabetes mellitus – By Dr.Vineetha .K 13. Study of Serum cortisol levels in complicated Malaria – By Dr.Sandeep

18. **Inter-institutional collaborative projects and grants received a) All India collaboration b) International** - NIL

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received** : NIL

20. **Research facility / centre with** : NIL

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

22. **Publications:**

- Number of papers published in peer reviewed journals (national / international) - 15
- Monographs : NIL
- Chapters in Books: NIL
- Edited Books : NIL

- Books with ISBN with details ofpublishers
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) library
- Citation Index — range / average
- SNIP
- SJR
- Impact Factor — range / average
- h-index

International publications	**2014-2015**	**2**	1. Shalini M, Suresh babu KP, Mounika K, Srinivasmurthy AG, study of prevalence of dyslipidemia in women with diabetes mellitus – a cross sectional study ; ijhsr may 2014; vol 4; issue 5; 95 2. Suresh babu KP, Gireesh, Ameetkumar oswal, cardiac manifestations in hypothyroidism – a cross sectional study;RJPBCS 2014;5(3);966
	2013-2014	**2**	1. Srinath s,Suma KR,Kumar JV;Thyroid abscess in a child; International journal of health sciences and research;2013 ;3(9):124-127 **2 Gireesh AS;Clinical study of pulmonary tuberculosis in diabetes mellitus;JPBCS;Oct –dec 2013**
	2012-2013	**2**	Metabolic syndrome among urbam & rural population – a cross sectional study; Shalini M, Suresh babu KP, Srinivas murthy AG, Gireesh B, Hamsaveena, Mounika K, Vaishnavi ; JCDR2013sep; volume 7(3);1938-1940 Dr Praveen;Diastolic dysfunction in obese who are non diabetic , normotensive and with normal lipid profile;Asian journal of cardiology;2012
	2011-2012	**0**	**Nil**

	2010-2011	**0**	**Nil**
National publications	**2014-2015**	**11**	1. Suma KR, Srinath S, Praveen ; ECG & ECHO changes in COPD of different grades of severity. JEMDS2015; volume 4;30;5093-5101 2. Suma KR, Srinath S, Ganesh Shetty; Association of microalbuminemia in type 2 diabetes mellitus with duration of disease and glycemic control ; JEMDS 2015; volume 4; issue 37; 6429-6434 3. Suma KR,Muddrangappa R, Srinath S; unsual presentation of brain stem glioma as progressive bulbar palsy – a case report ;JEMDS2015; volume 4;issue30; 5235-5240 4. Siddeshwara swamy P, shubhakara K; Profile and treatment outcome among tuberculosis patients --- with category II regimen under RNTCP, south india journal of evaluation of medical and dental sciences 2014; vol 3; issue 46; 11204- 11212 5. Siddeshwara swamy P, shubhakara K; Assessment of clinical profile & treatment outcome of extrapulmonary tuberculosis patients under RNTCP in rural medical college ; journal of evaluation of medical and dental sciences 2014; vol 13; issue 40; 10174- 10182 6. Dr Daruka , dr Praveen , dr Siddeshwara swamy P; type 2 diabetes mellitus & low T3 syndrome , JEBMH ; VOL 1; ISSue 15; dec 15th 2014 7. Dr Daruka , Retinopathy in type 2Diabetes Mellitus & serum Mg levels, JEBMH ; VOL 2; ISSue 06 ; feb 9 2015 8. Dr Daruka , Correlation of body fat index with insulin resistance across normal overweight & obese individuals ;JEBMH;vol 2; issue 23; june 8th 2015 9. Dr daruka ,Insulin resistance & thyroid

			hypofunction in obese women a cross sectional study ; JEBMH;vol 2; issue 25; june 22nd 2015 10. Gireesh AS;X Ray and ECG on clinical profile of chronic corpulmonale; vol 3;issue 9;feb 2015 11. **Dr Muddurangappa R;Study of right ventricular infarction in inferior wall myocardial infarction; journal of clinical and scientific research.2015**
	2013-2014	**1**	N Prabhudeva, ghouse pasha ,k mounika;Hepatic dysfunction in type 2 diabetes mellitus,biochemical and ultrasonological studyJournal of academia and industrial research; vol 3;issue 4;sept 2013
	2012-2013	**1**	Suresh babu KP, Gireesh, Lankappa, gnanendra DM, Ameet oswal;AFB in extra pulmonary tuberculosis ; JEMDS dec 2013 ; volume 2; issue 49; 9466
	2011-2012	**1**	Dr Praveen;Diastolic dysfunction in obese who are non diabetic , normotensive and with normal lipid profile;Asian journal of cardiology;2012

23. **Details of patents and income generated :** NIL
24. **Areas of consultancy and income generated** : NIL
25. **Faculty selected Nationality / Internationality to visit other laboratories / Institutions / Industries in India and Abroad** : NIL
26. **Faculty serving in**

a) **National committees b) International committees c) Editorial Boards d) any other (please specify)**

NIL

27. **Faculty recharging strategies:**

The faculties are regularly attending Conferences, Workshops, CME's and Seminars conducted by other institutions and universities. Every faculty is entitled to receive financial support from the university once in a year for national events and once in three years for international events.

28. **Student projects**

- **percentage of students who have done in-house projects including inter-departmental projects** NIL

- **percentage of students doing projects in collaboration with other universities / industry / institute** - NIL

List of on going projects	**2014-2015**	1. Validity of IDSA /ATS scoring system in Community acquired pneumonia –By Dr A.G.Shrinivas Murthy 2. Prevalance of Syndrome X in Young Hypertensives by considering clinical and laboratory profile .- By Dr. Sharath Kumar D Shah 3. Study of Incidence of Sputum positive Pulmonary Tuberculosis and Extra pulmonary tuberculosis in HIV patients and its treatment outcome under RNTCP – By DR.Muddurangappa R 4. Evolution of Stroke in Young – By Dr. Parameshwarappa S.G 5. Microalbuminuria – In type 2 Diabetes Mellitus , Its relation with waist circumference and Body Mass Index – By Dr. Suma K. R 6. Study of Biochemical Profile in DKA – By Dr. Prabhudeva 7. Treatment outcome of MDR TB in RNTCP – By D.Siddeshwaraswami .P . 8. Atypical presentation of Hypothyroidism – By Dr. Gireesh A.S 9. Insulin Resistance in Obese females compared to normal weight females – By Dr. Daruka

		10. Study of Lipid profile in Diabetic females from Rural settings – By Dr. Lankappa 11. Study of Diastolic Dysfunction in obesity – By Dr Praveen Kumar 12. Study of prevalence of Periarthritis of shoulder in patients with Type 2 Diabetes mellitus – By Dr.Vineetha .K 13. Study of Serum cortisol levels in complicated Malaria – By Dr.Sandeep

29. Awards / recognitions received at the national and international level by

- **Faculty**: 02
- **Doctoral / post doctoral fellows**
- **Students** : 0

2013-2014	2	1. BEST PHYSICIAN OF THE YEAR 2013- BY RNTCP, GOVERNMENT OF KARNATAKA – Dr Sharath Kumar D Shah 2. TOKEN OF HONOUR - BY RNTCP, GOVERNMENT OF KARNATAKA, 2013- Dr AG Srinivasa Murthy

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. **Na**	Date of **ucting and Place**	Workshop/ **CME etc**	**Topic A n t s**	**Name of the speaker**	**No. of datesd**
1	26.02.2012, Tumkur	CME	Management of pain	Dr Jyothi Swarup	
2	26.05.2012, Tumkur	CME	Recent advances in manag of Rheumatoid arthritis	Dr Yogesh singh	

3	18.08.2012, Tumkur	CME	Overview of complications & changing paradigms in manag of T2DM	Dr P. Mohan	
4	05.04.2010, Tumkur	CME	Multidrug resistance Tuberculosis	Dr.Somashekar	
5	21.08.2010, Tumkur	Faculty lecture	RNTCP an overview	Dr.R Muddarangappa	
6	23.03.2011, Tumkur	Faculty lecture	Sensitization program	Dr.Puttaraju K R	
7	09.02.2013, Tumkur	CME	Recent advances of treatment statergies in Hepatitis C & B	Dr Naresh Bhat	
8	16.03.2013 Tumkur	CME	Advances in hematological malignancies	Dr.Vinayak V Maka	
9	24.08.2013 Tumkur	Lecture	Acute kidney insufficiency in	Dr.Yashwanth Gangaiah	
10	16.11.2013 tumkur	CME	Primary headaches, review &	Dr.Umashankar	
11	19.07.2014, tumkur	CME	Approach to patient with joint pain	Dr Sharath kumar	

12	25.03.2014	CME	CME on MDR & XDR TB Dept of Medicine		
13	20.07.2014, tumkur	CME	Cardiology Update Dept of Medicine		

Conferences attended	**2014-2015**	**ALL STAFF** **ALL STAFF** **ALL STAFF**	**33RD KAPICON (12-6-2015 TO 14-6-2015 BIJAPUR)** **.CARDIOLOGY UPDATE IMA TUMKUR** **.NEUROPSYCHIATRY CME SIMS AND RC TUMKUR** **.WORKSHOP ON RNTCP PROGRAMME SIMS AND RC,TUMKUR**
	2013-2014	**All staff**	**32RD KAPICON(17to 18MAY HUBLI)** **.42ND ANNUAL CONCLAVE OF RSSDI BENGALURU(21-23NOV)** **.7TH NATIONAL INSULIN SUMMIT HYDERABAD(31ST SEP)** **.BEST OF ADA INDIA BENGALURU(18-19 0CT)** **.80TH ANNUAL CONFERENCE HOSPET**

		1 1 ALL STAFF	.DESSERT 2014 .DIAGNOSIS AND MANANGEMENT OF HEPATOBILIARY DISEASES 2014 IMA TUMKUR .CME ON CRITICAL CARE 2014 SIRA
	2012-2013	10 1	78TH ANNUAL CONFERENCE MEDICON KOLLEGAL 1. .79TH ANNUAL CONFERENCE MEDICON FORT CITY CHITRADURGA
	2011-2012	10 5 1 1	.30TH KAPICON(11-13 MAY HASSAN) .8 TH KRSSDI-2012 .CARDIOLOGY UPDATE 2012 LANGKAWI,MALAYSIA .7TH INTERNATIONAL SYMPOSIA ON DIABETES .ADVANCES IN DIABETES
	2010-2011	10 1	29TH KAPICON(13-15MAY MYSORE)

		1 1 3	.AN UPDATE OF CARDIO-DIABETES PRAGUE(2010) .5TH INTERNATIONAL SYMPOSIA ON DIABETES JOSLIN CENTER(2010) AN UPDATE OF CARDIO-DIABETES (14 TH JULY 2011)BRUSSELS BELGIUM HYPERTENSION .UPDATE CHENNAI(18-19SEP) .ACC CLEVELAND CLINIC USA,BANGALORE IMA NATCON BENGALURU
Conferences / workshops conducted	2014-2015	ALL STAFF	.CARDIOLOGY UPDATE(20TH JULY) SSMC TUMKUR .RABIES UPDATE(22ND APRIL)
	2013-2014	ALL STAFF	WORLD TB DAY DIABETES UPDATE
	2012-2013	ALL STAFF	WORLD TB DAY
	2011-2012	ALL	. UPDATE OF THYROID

		STAFF	**DISORDER**

31. Code of ethics for research followed by the departments: YES. As per SSMC Ethical committee guidelines

32. Student profile course-wise:

33. Diversity of students

Name of the Course (refer to	**% of students from the**	**% of students from other universities**	**% of students from universities**	**% of udents from other**

How many students have cleared Civil Services and Defence services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. :

NIL

34. Student progression

Student progression	**Percentage against enrolled**
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection	- 100%
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	6 %
from other universities within the State	72 %
from universities from other States	22 %
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : NIL

`Library: Yes , Central library and departmental library (160 books)

a) Internet facilities for staff and students -YES

b) Total number of class rooms: 02

c) Class rooms with ICT facility:02

d) Students' laboratories :01

e) Research laboratories: NIL

39. List of doctoral, post-doctoral students and ResearchAssociates

f) from the host university —NIL

g) from other universities - NIL

40. Number of post graduate students getting financial assistance from the university. : NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. : NIL

42. Does the department obtain feedback from

z. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

aa. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

bb. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10): NIL

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. **Na**	Date of **ucting and Place**	Vorkshop/ **CME etc**	**Topic** **A n t s**	**Name of the speaker**	**No. of datesd**
1	26.02.2012, Tumkur	CME	Management of pain	Dr Jyothi Swarup	
2	26.05.2012, Tumkur	CME	Recent advances in manag of Rheumatoid arthritis	Dr Yogesh singh	
3	18.08.2012, Tumkur	CME	Overview of complications & changing paradigms in manag of T2DM	Dr P. Mohan	
4	05.04.2010, Tumkur	CME	Multidrug resistance Tuberculosis	Dr.Somashekar	
5	21.08.2010, Tumkur	Faculty lecture	RNTCP an overview	Dr.R Muddarangappa	
6	23.03.2011, Tumkur	Faculty lecture	Sensitization program	Dr.Puttaraju K R	
7	09.02.2013, Tumkur	CME	Recent advances of treatment statergies in Hepatitis C & B	Dr Naresh Bhat	
8	16.03.2013 Tumkur	CME	Advances in hematological malignancies	Dr.Vinayak V Maka	

9	24.08.2013 Tumkur	Lecture	Acute kidney insufficiency in	Dr.Yashwanth Gangaiah	
10	16.11.2013 tumkur	CME	Primary headaches, review &	Dr.Umashankar	
11	19.07.2014, tumkur	CME	Approach to patient with joint pain	Dr Sharath kumar	
12	25.03.2014	CME	CME on MDR & XDR TB Dept of Medicine		
13	20.07.2014, tumkur	CME	Cardiology Update Dept of Medicine		

45. List the teaching methods adopted by the faculty for different programmes including clinical teaching.

Clinical Seminar, Bed side clinics, Interesting case presentation, Review of departmental research work, Subject Seminar, Short topic, Journal Club, Drug review, Medical Auditing, Faculty Lecture

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Periodic evaluation

47. Highlight the participation of students and faculty in extension activities. - in various academic platforms.

1. Faculty at various CME Programmes organized by different associations.
2. NSS Camps
3. Health camps by voluntary organizations.

2012-2013	**ALL STAFF**	**Conducted MEDEX**
2011-2012	**ALL STAFF**	**Conducted MEDEX, Youth festival**

		DIABETES AWARENESS CAMP at SIT

48. Give details of "beyond syllabus scholarly activities" of the department. —

- quiz
- invited guest lectures
- state level CME programmes
- workshops

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

1. Submitted new scheme of examination for UG and PG studies.
2. Workshops on advanced and basic life support
3. Various research activit.

51. Future plans of the department.

- Department intends to improvise on the method of teaching and academic evaluation.
- The existing PG MEDICON which is conducted at the state level to be extended to national level
- To conduct conferences of national organizations
- To extend the research activities to community level (epidemiology) and in the field of genitics and molecular biology and also collaborate with other reputed institutions in India and abroad and conduct multicentric studies.
- To publish a book from the Department comprising of interesting cases treated and published from the department, Guest Lectures given by the staff of the department and review articles

52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Experienced and reputed faculty, faculty trained in various fields, good number of publications, excellent clinical material,

Cordial inter personal relation

Weakness– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities:

4. to upgrade the skill and knowledge,
5. to participate in academic and research activities
6. to get national and international recognition

Challenges:

- Department intends to improvise on the method of teaching and academic evaluation.
- To conduct conferences of national organizations
- To extend the research activities to community level (epidemiology) and in the field of genitics and molecular biology and also collaborate with other reputed institutions in India and abroad and conduct multicentric studies.
- To publish a book from the Department comprising of interesting cases treated and published from the department, Guest Lectures given by the staff of the department and review articles

Evaluative Report of Respiratory Medicine

1. **Name of the Department** Respiratory Medicine
2. **Year of establishment** 1990
3. **Is the Department part of a School/Faculty of the university?**

   Department of Sri Siddhartha Medical College, Sri Siddhartha academy of higher education (SSAHE), Tumkur
4. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)-** NIL
5. **Interdisciplinary courses and departments involved**- NA
6. **Courses in collaboration with other universities, industries, foreign institutions, etc. -** NIL
7. **Details of programmes / courses discontinued, if any, with reasons-** NIL
8. **Annual/ Semester/Choice Based Credit System**

   - As per MCI Guidelines
9. **Participation of the department in the courses offered by other**

   Departments - M.B.B.S., M.D. General Medicine, MD. Community Medicine,
10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

Designation	Sanctioned	Filled	Actual
Professor	01	01	01
Associate Professors	01	01	01
Asst. Professors	01	Nil	Nil
Senior Resident	02	02	02
Junior Resident	02	02	02

11. **Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guide in last 5yrs.
Dr. H. V.	MBBS, MD	Professor	Pulmonary	10	NA
Dr. Ravikumar P	MBBS, DTCD, DNB	Associate	Pulmonary Medicine	05	NA

12. **List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors-** As per the university adjunct faculty list

13. **Percentage of classes taken by temporary faculty - programme-wise information-** NA
14. **Programme-wise Student Teacher Ratio-** NA
15. **Number of academic support staff (technical) and administrative staff: sanctioned and filled-** NIL
16. **Research thrust areas recognized by funding agencies-** NIL
17. **Number of faculty with ongoing projects from**

a) **national** - 1

b) **international funding agencies** - 00

c) **Total grants received. Give the names of the funding agencies and grants received project-wise-** NIL

(I) Completed (Excluding PG topic)

Sl. No.	Title of the Project with Name of the Principal Investigator & Co-Investigator	Date of Commen-cement	Date of completion	ıblication if any	Remarks
1	Study of Electrolyte Disturbances in Acute Asthma (Original Article) P Ravikumar, G Priyadarshini Bai, H .V. Suryanarayana	2006	2008	IJBMR Accepted	NIL
2	Study of prevalence of hypomagnesemia and its impact on the severity of acute asthma (Original article) G. Priyadarshini Bai, P. Ravikumar	2006	2008	JEMDS Accepted	NIL

3	A Comparative Study of Safety and Efficacy of Ritodrine versus Nifedipine in the Management of Preterm Labor (Original article)G Priyadarshini Bai, P Ravikumar, L Padma RJPBCS accepted	2006	2008	RJPBCS Accepted	NIL

(ii) Ongoing projects (Excluding PG topics)

Sl. N0	Title of the Project With Name of the Principal Investigator	Sanctioned	Duration of by whom Project	Grants (Amount in Rs)
1	Study of Epidemiology of Asthma, Allergic rhinitis & Atopy in Tumkur urban & rural school going children's (between 8-13years) Dr. Ravi Kumar P, Dr. Priyadarshini bai .G, Dr. H V Suryanarayana.	SSAHE	2years	60,000/-

18. Inter-institutional collaborative projects and grants received

a) All India collaboration - NIL

b) International – NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received- NIL

20. Research facility / centre with -NIL

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies -NIL

22. Publications:

- **Number of papers published in peer reviewed journals (national / international)** Total: 3 National:2 International:1
- **Monograph**s: 0
- **Chapters in Books**: 0
- **Edited Books** : 0
- **Interpretation of chest x-ray, Oxford Publishers:** 0
- **Books with ISBN with details of publishers**: 0
- **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):** 0
- **Citation Index — range / average**: 0
- **SNIP**
- **SJR**
- **Impact Factor — range / average** : 0-1
- **h-index -Average**: 30

International publication	2014-2015	-	
	2013-2014	1	Study of Electrolyte Disturbances in Acute Asthma (Original Article) P Ravikumar, G Priyadarshini Bai, H .V. Suryanarayana
	2012-2013	-	
	2011-2012	-	
	2010-2011	-	
National publication	2014-2015	-	
	2013-2014	2	1. Study of prevalence of hypomagnesemia and its impact on the severity of acute asthma (Original article) G. Priyadarshini

			Bai, P. Ravikumar 2. A Comparative Study of Safety and Efficacy of Ritodrine versus Nifedipine in the Management of Preterm Labor (Original article) G Priyadarshini Bai. P Ravikumar, L Padma

23. Details of patents and income generated- NIL

24. Areas of consultancy and income generated- NIL

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad- NIL

26. Faculty serving in

a) National committees —NIL

b) International committees — NIL

c) Editorial Boards —NIL

d) any other (please specify) — NIL

27. Faculty recharging strategies

Our faculties are regularly attending scientific programmes and Workshops conducted by other institutions and universities and international conferences.

28. Student projects

- **percentage of students who have done in-house projects including inter-departmental projects** —NIL
- **percentage of students doing projects in collaboration with other universities / industry / institute** —Nil

Student projects	2014-2015	1	Prevalence of Diabetes mellitus in newly detected TB patients.

	2013-2014	1	Prevalence of HIV and TB co-infection in our hospital.
	2012-2013	1	Prevalence of Allergic rhinitis in Asthma patients.
	2011-2012	1	Common complications of ATT which we come across in our hospital.
	2010-2011	1	Types of ILD and their lung function during their presentation.

29. Awards / recognitions received at the national and international level by

- **Faculty**

Dr.H.V.Suryanarayana

Member of Indian Academy of Allergy

Life- Member- Indian Medical Association

Doctoral/post Doctoral Fellows

Dr.Ravikumar.P

- Member of the Indian Academy of Allergy
- Fellow of Royal college of chest physician, USA
- Awarded 3rd prize in PG-Quiz at national level- Chennai-2006-2007
- Appointed as KMC observer for Pulmonology conferences- 2013 –till date
- Member of international Pulmonology conference- INSPIRE
- Doctoral/post Doctoral Fellows
- Life member- Indian medical association
- Presented paper in National conference(NAPCON)-2010
- Head of Clinical research committee- CLINICOM Bio solutions, SSMC

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

CME : 2014- TB – Update-state level- given talk on recent advances in TB management

Conferences attended	2014-2015	10	• International- Cape town- REALM – 2015 –ACCP • National- Bronchoscopy workshop- Davangere • Best of ERS-2013, Bangalore • CME- Lung cancer-JJMMC, Davangere • Interventional Pulmonology Training Workshop- NH, Bangalore • Workshop- PFT, 6MWT,Lung sounds- BMJH, Bangalore • International- Symposium on Pulmonology and Critical care Medicine-2014, Czech republic-Europe • Interventional Pulmonology- Apollo Hospital, Bangalore • Local conferences and meetings at regular intervals
	2013-2014	9	• International- INSPIRE-2014, Abu Dhabi • Workshop- diagnostic Bronchoscopy- MSR MC, Bangalore • Bronchial asthma – Speaker at API

			meet, Tumkur • Workshop- Noninvasive and Invasive Mechanical ventilation- BMJH, Bangalore • Diabetes Mellitus Updates- SSMC, Tumkur • IMA – CME Pneumonia- speaker • API- meet 2014, Tumkur • TB updates- SSMC, Tumkur- Speaker • CME and workshop on RNTCP- Sridevi institute of medical science, Tumkur
	2012-2013	10	• International-INSPIRE-2013 Shenzhen-China • National -BEST of ERS-Bangalore • National- NAPCON-2013 – Chennai • Best of ERS-2013, Bangalore • CME- Medico legal Updates, SSMC, Tumkur • CME- vector born infectious diseases, SSMC, Tumkur • Local conferences and meetings

	2011-2012	5	• Sleep medicine conference at Hyderabad • Best of ERS-2012, Bangalore • Chest radiology review- Bangalore • Genetics in management of infertility-SSMC, Tumkur • CME- Pharmcovigilence, G7 Syn, Bangalore • Local conferences
	2010-2011	5	• National- NAPCON-2010, Jodhpur • National conference of TB and CD, Bangalore • Tip-2010- National CME in Interventional Pulmonology • Best of ERS-2010 • Local conferences
Conferences / workshops conducted	2014-2015	-	
	2013-2014	1	Tuberculosis Updates

31. **Code of ethics for research followed by the departments** Institutional ethical committee and ICMR Guide lines- Followed
32. **Student profile course-wise** – NA
33. **Diversity of students**- NA
34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise**. : NIL
35. **Student progression**

Student progression	Percentage against enrolled

UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed • Campus selection	- NA
Entrepreneurs	NA

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period- NA

38. Present details of infrastructural facilities with regard to

a) Library : Department Library with all Pulmonology text books and journals

b) Internet facilities for staff and students

c) Total number of class rooms: 02 rooms

d) Class rooms with ICT facility: ICT enabled

e) Students' laboratories : NIL

f) Research laboratories : Central Research Facility

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university- NIL

b) from other universities - NIL

40. Number of post graduate students getting financial assistance from the university- NA

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology- NA

42. Does the department obtain feedback from

cc. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

dd. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

ee. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished Alumuni of the department (maximum 10): NA

44. Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts. Guest lectures -

- Asthma update – June 2013- Dr Jayaraj, Professor and HOD, Dept. of Pulmonology, JSS medical College, Mysore.
- COPD Conclave- 16th of May 2015- Speakers- Dr Murali mohan, Professor and HOD, Dept. of Pulmonology, Narayana Hrudayalaya, Bangalore.

45. List the teaching methods adopted by the faculty for different programmes.

MBBS – UG-Bedside case discussion, Theory classes/seminars,

PG (MD- Medicine)- Bedside case discussion, seminars, Journal clubs, faculty lectures

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Internal assessment

47. Highlight the participation of students and faculty in extension activities.

Our Faculty and students participate in the cultural and sports activities conducted by the college and university and also participate and the health camps.

48. Give details of "beyond syllabus scholarly activities" of the department- Academic society meeting, CME, National and International conferences

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Our faculties are involved in publishing publications and presentation at National and International platforms and involved in research activities.

51. Future plans of the department.

1. To establish, sleep laboratory and critical care unit and to advanced pulmonary function laboratory
2. Publication of quality journals with good impact factor
3. To conduct research activities and orient students towards research.
4. Establish inter departmental collaborative research project at SSAHE.
5. Establish inter institutional research at national & International levels.
6. Establish an active special interest group in environment and respiratory disease
7. To start Clinical/ Drug trials in our institution.
8. To start Phd, fellowship and diploma programmes in regenerative Medicine (Stem cell therapy).

52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength: Good clinical material, well trained and qualified faculty, scope for research activities.

Weakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities: National and international inter institutional collaborations have opened new opportunities

Challenges: To Establish a good and quality clinical and research centre

Evaluative Report of Dermatology, Venereology & Leprosy

1. **Name of the Department:** Dermatology, Venereology &Leprosy
2. **Year of establishment:** 1989
3. **Is the Department part of a School/:** Siddhartha Academy of Higher Education Faculty of the university
4. **Names of Programmes / Courses offered:**

   Undergraduate course: MBBS

   Postgraduate course: MD
5. **Interdisciplinary courses and departments involved —** MD Medicine,Pathology& Pediatrics.
6. **Courses in collaboration with other universities, industries, foreigninstitutions, etc.:** **The department do not offer courses in collaboration with other universities, industries, foreign institutions**
7. **Details of programmes / courses discontinued, if any, with reasons: No courses or programs have been discontinued.**
8. **Annual/ Semester/Choice Based Credit System:** As per MCI/University Guidelines the department follows Annual system
9. **Participation of the department in the courses offered by otherDepartments: The department participates in the PG course of other departments like pathology, medicine, OBG, pediatrics and microbiology by providing research materials. The faculty of the department are also participate in these courses as co-guides and give expert opinion as and when required.**
10. **Number of teaching posts sanctioned and filled** (Professors/Associate Professors/Asst. Professors)

Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	02	
Associate Professors	01	00	
Asst. Professors	01	02	
Sr. Resident	02	02	
Jr. Resident	03	04	

11. **Faculty profile with name, qualification, designation and specialisation** (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	**Qualifi-cation**	**Desig-nation**	**Speciali-zation**	**No.of Yearsof** Experience	**No. of Ph.D./ MD** students **guided for the last 4 years**
Dr Narendra G.	MBBS, DVD, DNB	Prof. and HOD	DVL	15	02
Dr Raghunatha S	MBBS, MD	Professor	DVL	09	05
Dr Veena	MBBS, MD	Assistant professor	DVL	1	--
Dr Sathyananda	MBBS, DVD	Senior Resident	DVD	3	--
Dr Bharath Raj	MBBS, DVD	Senior Resident	DVD	3	--

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** As per the university adjunct faculty list:**There are no senior Visiting Fellows, adjunct faculty, emeritus professors in the department.**
13. **Percentage of classes taken by temporary faculty —programme-wise information: The department has full time faculty and there is no provision for temporary faculty.**
14. **Programme-wise Student Teacher Ratio:** UG —25:1, PG —1:1
15. **Number of academic support staff (technical) and administrative staff:** sanctioned and filled

Sl. No	Designation	Sanctioned	Filled
1	Academic support staff	01	**01**
2	Administrative staff	01	**01**

16. **Research thrust areas recognized by funding agencies: ICMR has identified newer modalities in early diagnosis and treatment of patients with leprosy**.

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**

Sl. No	Title of the Project with Name of the Principal Investigator	Sanctioned by whom	Duration of Project	Grants (Amount in Rs.)
1	**Total iron body stores in premenopausal women with diffuse non-scarring alopecia**	**SSAHE**	**5 years**	**1,65,000/-**
2	**Clinical and epidemiological study of patients with adult acne Principle investigator: DrVeena**	**SSAHE**	**2 years**	
3	**Initial manifestations of systemic lupus erythematosus in patients attending dermatology clinic**	**SSAHE**	**5 years**	
4	Clinical and histopathological study of Lichen Planus. Dr.Subba Reddy	SSAHE	1 years 6 months	
5	A study on clinical profile of HerpesZoster and sero prevalence of HIV among Herpes Zoster cases	SSAHE	1 years 6 months	
6	A case-control study of frequency of occurrence of metabolic syndrome in patients with psoriasis Dr. AyshaRoshin N S	SSAHE	1 year 6 months	

18. **Inter-institutional collaborative projects and grants received a) All India collaboration b) International**: **There are no inter-institutional collaborative projects in which the department is involved.**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received: There are no projects funded by any of these agencies.**

20. **Research facility / centre with State/national/international recognition: The department has Laser facility, ICTC center, specialty clinics and phototherapy units for research purpose recommended by MCI.**

21. **Special research laboratories sponsored by / created by industry or corporate bodies: The department has Integrated Counseling and Testing Centre for patients with HIV and STDs set up by Government of India.**

22. **Publications:**

- Number of papers published in peer reviewed journals (national / international) :
  National: 11 International: 05
- Monographs: NIL
- Chapters in Books: 17
- Edited Books : 2
- Books with ISBN with details ofpublishers: NIL
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Scopus: 12, Pubmed: 11**
- Citation Index — range / average: Total: 18 Range: 0-8 Average: 1.5/article
- **SNIP:Total:4.919/Range:0.578-1.279/Average:0.9838**
- **SJR: Total:2.642/Range:0.348-0.739/Average:0.5282**
- **Impact Factor : Total: 4.10/ Range: 0.0-1.52 / Average-0.8/journal**
- h-index: 3

International publication	2014-2015	02	1. Prakash R, Prashanth S, **Ragunatha** S. Comparative Study of efficacy, rapidity of detection and cost-effectiveness of Potassium Hydroxide, Calcofluor White and Chicago Sky Blue Stains in the diagnosis of dermatophytoses. Int J Dermatol 2015. (Accepted for publication) 2. **Ragunatha** S, Ramesh M, Anupama P, Meenakshi Kapoor, Meenakshi Bhat. Papillon-Léfèvre syndrome with a mutation in Cathepsin C gene presenting with late-onset periodontitis. Pediatr Dermatol 2015;32:292-4

	2013-2014	0	
	2012-2013	0	
	2011-2012	02	1. Adya KA, Inamadar AC, Palit A, **Ragunatha** S, Deshmukh NS. Light microscopy of the hair: A simple tool to "untangle" hair disorders. Int J Trichol 2011;3:46-56 2. Palit A, Ragunatha S, Inamadar AC. Actinomycetoma: Dramatic response to modified Two-step regimen. Int J Dermatol 2011; 50: 446- 49
	2010-2011	01	1. Inamadar AC, **Ragunatha** S. Subepidermal calcified nodules in an adult female with different morphological features. Int J Dermatol 2010; 49:1306- 07
National publication	2014-2015	03	1. Pavitra V, Satish TG, Kasturi K, Mallika S, Amos SJ, **Ragunatha** S. Serum levels of metal ions in female patients with breast cancer. J Clin Diagn Res 2015;9:BC25-27 2. Chimkode SM, Kumaran SD, Kanhare VV, **Ragunatha** S. Effect of yoga on blood glucose levels in patients with Type 2 Diabetes Mellitus. J Clin Diagn Res 2015. DOI:10.7860/JCDR/2015/12666.0000 3. Parveen A, Chimkode SM, Kumaran SD, **Ragunatha** S. Correlation of hemoglobin A1c levels with serum lipid profile in patients with Type 2 Diabetes Mellitus. Res J Pharmacol Biol Chem Sci 2015. (Accepted for publication)
	2013-2014	02	1. Pavitra P, **Ragunatha** S, Sreelatha R. A cross-sectional study of clinical, histopathological features of vesiculobullous skin lesions. Res J Phar Biol Chem Sci 2014;5:849-55 2. **Ragunatha** S, Jagannath Kumar V, Murugesh SB, Ramesh M, Narendra G, Meenakshi Kapoor. Therapeutic Response of Vitamin A, Vitamin B Complex, Essential Fatty Acids and Vitamin E in the

			Treatment of Phrynoderma: A Randomized Controlled Study. J Clin Diagn Res 2014; 8: 116-8
	2012-2013	02	1. Arundhathi S, **Ragunatha** S, Mahadeva KC. A cross-sectional study of clinical, histopathological and direct immunofluorescence spectrum of vesiculobullous disorders. J Clin Diagn Res 2013; 7:2788-92 2. Inamadar AC, Palit A, **Ragunatha** S. A child in horse-riding stance. Indian J Dermatol 2013; 58: 165
	2011-2012	02	1. **Ragunatha** S, Jagannath Kumar V, Murugesh SB. A clinical study of 125 patients with phrynoderma. Indian J Dermatol 2011; 56: 389- 92 2. **Ragunatha** S, Anitha B, Inamadar AC, Palit A, Devermani SS. Cutaneous disorders in 500 diabetic patients attending diabetic clinic. Indian J Dermatol 2011; 56: 152- 6
	2010-2011	02	1. **Ragunatha** S, Inamadar AC. Neonatal dermatological emergencies. Indian J Dermatol Venereol Leprol 2010; 76: 328- 40 2. Inamadar AC, Palit A, **Ragunatha** S. "Custard apple scalp". Indian J Dermatol Venereol Leprol. 2010;76(3):281-2

23. Details of patents and income generated: NIL

24. Areas of consultancy and income generated:

- As a resource person in Workshops and screening programs conducted by District leprosy officer, Tumkur

1. "Reference writing" at "Research Methodology Workshop" conducted on 29-08-2013 by Dept. of Medical Education, Sri Siddhartha Medical College, Tumkur
2. "Reactions in Leprosy" in Leprosy Training Workshop for Government Medical Officers of Tumkur District.
3. Conducted a Workshop on "Personal Hygiene and Health" for students of Varin International Residential School, Tumkur 07-11-2013.

4. "Case sheet and reference writing" at PG orientation programme conducted by Dept. of Medical Education, Sri Siddhartha Medical College, Tumkur on 04-08-2014
5. "Review of literature and reference writing" at "Research Methodology Workshop" conducted on 19-09-2014 by Dept. of Medical Education, Sri Siddhartha Medical College, Tumkur
6. "Introduction, clinical features and management of leprosy" in Leprosy Training Workshop for Government Medical Officers of Tumkur District, 10-03-2015
7. "Introduction, clinical features and management of leprosy" in Leprosy Training Workshop for Government MSW of Tumkur District, 08-03-2015

- Specialty clinics for Psoriasis, Contact dermatitis, Leprosy, STDs/HIV, Vitiligo, Vesicobullous and Autoimmune disorders
- ICTC centers

25. Faculty selected nationally/ internationally to visit other laboratories inIndia and abroad:

DrRagunatha S., Professor, has been awarded Scholarship/Fellowship by International League of Dermatological Society (ILDS) and European Academy of Dematology and Venereology (EADV) to attend the World Congress of Dermatology (WCD) held at Vancouver, Canada and Spring Symposium of EADV held at Kracow, Poland

26. Faculty serving in

DrRagunatha S.:

National Conference Committees

- Scientific Committee member: ACSICON 2014

State Conference Committee/Association

- Scientific Committee member: CUTICON 2014
- Convenor, Academy of IADVL KN Branch, 2015
- Zonal Quiz Master, IADVL KN branch, 2015

Judge for PG poster presentation

- South Asian Regional Conference of Dermatology, SARCD 2015

27. Faculty recharging strategies:

The faculties are regularly attending Conferences, Workshops, Seminars & CME's conducted by other institutions and universities.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects — Post Graduate — 66%, UG - NIL
- percentage of students doing projects in collaboration with other universities / industry / institute — NIL

Undergraduate student projects

1. **Proportion of patients with skin lesion attending medicine OPD**
2. **Proportion of patients with skin lesions attending surgery OPD**
3. **Proportion of patients with skin lesions attending pediatrics OPD**
4. **Proportion of patients with skin lesions attending OBG OPD**
5. **Proportion of patients with cutaneous bacterial infections attending dermatology OPD**
6. **Proportion of patients with cutaneous fungal infections attending dermatology OPD**
7. **Proportion of patients with cutaneous viral infections attending dermatology OPD**
8. **Proportion of patients with cutaneous parasitic infections attending dermatology OPD**
9. **Proportion of patients with cutaneous tumors attending dermatology OPD**
10. **Proportion of patients with systemic diseases attending dermatology OPD**

Postgraduate projects

1. **Seroprevalence of HCV in patients with lichen planus**

a. **PG student: DrAyshaRoshin**

b. **Guide: DrRagunatha S.**

2. **A case-control study of frequency of occurrence of metabolic syndrome in patients with psoriasis**

a. **PG student: DrAyshaRoshin**

b. **Guide: DrRagunatha S.**

3. **A study on clinical profile of HerpesZoster and sero prevalence of HIV among Herpes Zoster cases**

a. **PG student: DrAshwinBudhihal**

b. **Guide: DrNarendra G.**

4. **Clinical and histopathological study of Lichen Planus**

a. **PG student: DrSubbareddyBovilla**

b. **Guide: DrNarendra G.**

29. Awards / recognitions received at the national and international level byFaculty:

- Dr. Ragunatha S.: Feature Poster AwardatWorld Congress of Dermatology 2015 held in Vancouver, Canada from 08-06-2015 to 13-06-2015
- **Scholarships and Recognition:**

DrRagunatha S.

1. Recipient of Imrich-Sarkany Non-European Memorial Scholarship, 2010 to present paper in European Academy of Dermatology and Venereology conference from 6th to 10th Oct at Gothenburg, Sweden.
2. Registration Fellowship to present paper in European Academy of Dermatology and Venereology conference, 2013 at Krakow, Poland.
3. WCD-Scholarship to present paper in World Congress of Dermatology 2015 to be held in Vancouver, Canada from 08-06-2015 to 13-06-2015

Awards	2014-2015	02	1. **Dr Ragunatha S.** Awarded World Congress of Dermatology Scholarship to present paper in World Congress of Dermatology 2015, held in Vancouver, Canada from 08-06-2015 to 13-06-2015 2. **Dr Ragunatha S.** Feature Poster Award for "Comparative Study of efficacy, rapidity of detection and cost-effectiveness of Potassium Hydroxide, Calcofluor White and Chicago Sky Blue Stains in the diagnosis of dermatophytoses" at World Congress of Dermatology 2015, held in Vancouver, Canada from 08-06-2015 to 13-06-2015
	2013-2014	01	1. **Dr Ragunatha S.** Awarded Registration Fellowship to present paper in European Academy of Dermatology and Venereology conference, 2013 at Krakow, Poland.
	2012-2013	00	
	2011-2012	00	
	2010-2011	01	1. **Dr Ragunatha S.** Awarded Imrich-Sarkany Non-European Memorial Scholarship, 2010 to present paper in European Academy of Dermatology and

			Venereology conference from 6th to 10th Oct at Gothenburg, Sweden.

30. Seminars/ Conferences/Workshops organized and the source of funding(national / international)

with details of outstanding participants, if any. – NIL.

Conferences attended	2014-2015	03	**International conferences** 1. World Congress of Dermatology 2015, Vancouver, Canada, 08-06-2015 to 13-06-2015 **National Conferences** 1. DERMACON 2015, Mangalore, Karnataka, 12-02-2015 to 14-02-2015 **State Conferences** 1. MIDCUTICON 2015, Hassan, Karnataka, 23-05-2015 to 24-05-2015
	2013-2014	03	**National Conferences** 1. DERMACON 2014, New Delhi, Dec. 2013 **State Conferences** 1. CUTICON 2014, Vijayapura, Karnataka, 01-11-2014 to 02-11-2014 2. MIDCUTICON 2014, Mysore, Karnataka, 10-05-2015 to 11-05-2015
	2012-2013	03	**International Conferences** 1. EADV Spring Symposium 2013, Krakow, Poland, 23-05-2013 to 26-05-2013 **National Conferences** 1. ACSICON 2013, Bangalore, Karnataka, 12-04-2013 to 14-04-2013 **State Conferences** 1. CUTICON 2013, Shivamogga, Karnataka, 08-10-2013 to 09-10-2013
	2011-2012	01	**State Conferences** 1. CUTICON 2012, Mandya, Karnataka, Oct 2012

	2010-2011	01	**International Conferences** 1. EADV Congress, Gothenburg, Sweden, 06-10-2010 to 10-10-2010

31. Code of ethics for research followed by the departments - YES As per Siddhartha Academy of Higher Education Guidelines

32. Student profile course-wise:

Name of the Programme (refer to	Applications received	Selected		Pass percentage	
		Male	Female	**Male**	**Female**
MBBS				-	-
MD		02	01	-	100%

33. Diversity of students

Name of the Course (refer to question no.4)	% of students from the	% of students from other universities within the	% of students from universities outside the	% of students from other
MD	NIL	33	66	NIL

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. : NIL

35. Student progression:

Student progression	Percentage against enrolled
UG TO PG	01
PG TO M.Phl.	Nil
PG TO Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil

36. Diversity of Staff :

Percentage of faculty who are graduates	%
of the same university	Nil
from other universities within the State	83
from universities from other States	17
from universities outside the country	Nil

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: NIL

38. Present details of infrastructural facilities with regard to

a) Library—Yes. Department : 91
Central: 104

b) Internet facilities for staff and students – nil

c) Total number of class rooms -1

d) Class rooms with ICT facility -00

e) Students' laboratories -01

f) Research laboratories -01

39. List of doctoral, post-doctoral students and Research Associates

- List of PG students
  - DrSubbareddyBovilla
  - DrAshwinBudhihal
  - DrAyshaRoshin
  - DrMouzaffin Ahmed

40. **Number of post graduate students getting financial assistance from theuniversity:**

Four PG students are getting financial assistance from University for their research projects.

41. Was any need assessment exercise undertaken before the development of newprogramme(s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians and subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

ff. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

gg. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

hh. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10): DrMeenakshi Kapoor currently working as consultant in a reputed Dermatology and Cosmetology Centre in New Delhi.

44. Give details of student enrichment programmes (special lectures /workshops / seminar/) involving external experts.

45. List the teaching methods adopted by the faculty for differentprogrammes:

Journal club, case presentation, Histopathology classes, Dermato surgery training. Demonstration of phototherapy, lasers and other cosmetology procedures.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored**?

Regular conduct of teaching programs, monthly evaluation of research work, internal assessment and OSCE.**Continous Performance Assessment Card is instituted for monitoring of learning outcomes.**

47. Highlight the participation of students and faculty in extension activities:

Apart from the academic activities the faculty and students are involved in other activities including social awareness, medical health camp and rural peripheral postings.

Extension activities	2014-2015		1. Rural health centre on every friday 2. Urban health centre on every Saturday

			3. Health check up camps conducted by institution
	2013-2014		1. Rural health centre on every friday 2. Urban health centre on every Saturday 3. Health check up camps conducted by institution
	2012-2013		1. Rural health centre on every friday 2. Urban health centre on every Saturday 3. Health check up camps conducted by institution
	2011-2012		1. Rural health centre on every friday 2. Urban health centre on every Saturday 3. Health check up camps conducted by institution
	2010-2011		1. Rural health centre on every friday 2. Urban health centre on every Saturday 3. Health check up camps conducted by institution

48. Give details of "beyond syllabus scholarly activities" of the department. —

- Weekly clinic at Rural Health and training centre, Nagavalli, Tumkur
- Urban health center, Maralur, Tumkur.
- Contribution to PG & UG Text books in Dermatology
- Conducting separate specialty clinics for STDs, Leprosy, Contact dermatitis, Vesiculobullous& Auto immune disorders, Vitiligo and Psorasis weekly.
- Integrated counseling and testing centre, SSMC.

49. State whether the programme/ department is accredited/ graded by otheragencies? If yes, give details: MD degree offered by the department has been recommended by MCI for recognition.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

Participation of faculty in research, publication of scientific papers in indexed journals, contributing chapters in standard textbooks, presentation of papers in national and international conferences, training health care providers as resource persons in workshops and sharing experiences as invited speakers in academic programs ensures generation and dissemination of knowledge.

51. Future plans of the department.

1. Starting of dermatology ICU.
2. Starting of cosmetology and dermatosurgery units.

3. Workshop in lasers.
4. Immunofluorescence studies.

52. **Detail any five Strengths, Weaknesses, Opportunities and Challenges** (SWOC) of the department.

Strengths

1. Well qualified and research oriented faculty.
2. Good patient input.
3. Well equippeddepartment with modern facilities.
4. Running special clinics.
5. Research publications in indexed journals

Weakness– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

Opportunities

1. Research in various fields of Dermatology
2. Starting cosmetology and paediatric dermatology units
3. Starting Fellowships in dermatosurgery and clinical dermatology
4. Need based change in curriculum
5. Advanced teaching learning methods

Challenges

1. To get financial assistance
2. To get adequate human resource
3. To motivate the faculty and students
4. To get institutional support
5. To collaborate with external agencies for research and consultancy

Evaluative Report of Psychiatry

1. **Name of the Department :Psychiatry**
2. **Year of establishment :**1990
3. **Is the Department part of a School/Faculty of the university:**

   Department of Sri Siddhartha Medical college
4. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters/ Ph.D., etc.)**

   UG MBBS , PG MD (Psychiatry)
5. **Interdisciplinary courses and departments involved:**

   MD (Psychiatry) in association with NIMHANS, Bangalore
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** NIL
7. **Details of programmes / courses discontinued, if any, with reasons:** NIL
8. **Annual/ Semester/Choice Based Credit System:** As per MCl /University Guidelines
9. **Participation of the department in the courses offered by other departments:** NIL
10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

Teaching Posts	**Sanctioned**	**Filled**
Professor	01	02
Associate Professors	01	00
Asst. Professors	01	02
Sr. Resident	02	02
Jr. Resident	06	06

Name	Qualification	Designation	Specialization	No.of Years of Experience	No. of Ph.D./ MD students guided for the last 4
Dr. Sathyanarayana M.T.	MBBS,MD,	Prof. and HOD	Psychiatry	27	04
Dr. H.R. Aravinda Prabhu	MBBS,MD,	Professor	Psychiatry	26	O2
Dr. Hemanth kumar B.G.	MBBS,MD,	Asst. Professor	Psychiatry	07	
Dr. Vidhyavathi M.	MBBS,MD,	Asst. Professor	Psychiatry	3yr 10mnth	
Dr. Mallikarjunaiah M.	MBBS, DPM	Sr. Resident	Psychiatry	05	
Dr. Lokesh Babu	MBBS, DPM	Sr. Resident	Psychiatry	06	
Dr. Shafeen Hyder	MBBS	Jr. Resident	Psychiatry	02	
Dr. Ashoka	MBBS	Jr. Resident	Psychiatry	02	
Dr.Yashawanth R.	MBBS	Jr. Resident	Psychiatry	01	
Dr. Dhanashree Akshatha H.S.	MBBS	Jr. Resident	Psychiatry	01	
Dr. Meesha Haorongbam	MBBS	Jr. Resident	Psychiatry	00	
Dr. Noufal K.T.	MBBS	Jr. Resident	Psychiatry	00	

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D., M.Phil, etc.)

12. **List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors**

As per the university adjunct faculty list

13. **Percentage of classes taken by temporary faculty — programme-wise information** : NIL

14. **Programme-wise Student Teacher Ratio** : UG: PG:1:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned and filled**: NIL

16. **Research thrust areas recognized by funding agencies**

a) Study of Chromosomal Abnormality in patients with Mental retardation in Tumkur District, Karnataka. (In collaboration with Dept. Of Anatomy - Clinical Cytogenetics Division, SSMC, Sri Siddhartha Academy of Higher Education approved and granted research project)

b) Survey of treatment practice methods by psychiatrists in India. (Sri Siddhartha Academy of Higher Education approved and granted research project.)

c) A study of referred patients from different sources to Psychiatry dept. of Sri Siddhartha Medical College, Tumkur in 2013-15.

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise**; NIL

List of ongoing	2014-2015	9	1. Survey of treatment practice methods by psychiatrists in India 2.

projects			Study of Chromosomal Abnormality in patients with Mental retardation in Tumkur District, Karnataka. 3. A study of referred patients from different sources to Psychiatry dept. of Sri Siddhartha Hospital, Tumkur from 2013 to 2015 4. Symptom profile in patients presenting with neurotic, stress-related and somatoform Disorders 5.Study of Factors affecting treatment Compliance in Patients of Schizophrenia 6. Attitude of Medical Interns towards Psychiatry. 7. Attitude of Postgraduate and Undergraduate students towards mental illness. 8. Assessment of functional symptoms in non-psychotic patients attending Psychiatry department; Dr.Dhanashree Akshatha H.S. & Prof.SathyanarayanaM.T. 9. Psychiatric Morbidity in primary caregivers of men with Alcohol DependenceSyndrome; Dr.YashawanthR. & Prof.H.R.A.Prabhu

18. Inter-institutional collaborative projects and grants received a) All India collaboration b) International NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received. NIL

20. Research facility / centre with

- **state recognition**
- **national recognition**
- **international recognition**
- Department of genetics & Central Research Laboratory

21. Special research laboratories sponsored by / created by industry or corporate bodies

NIL

22. Publications: -

- Number of papers published in peer reviewed journals (national / international)
  Total: 03 National: 03 International: nil
- Monographs : ---
- Chapters in Books: 05
- Edited Books : 02
- Books with ISBN with details of publishers: Appendix 1
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index—Range: 0 – 2 Average:
- SNIP
- SJR
- Impact Factor - Range: 0 - 2.6 Average:
- h-index: 0 - 40 Average: 10

National publication	2014-2015	1	1. Psychiatry in India: Training &Training centre 2nd edition – Revised & updated edition of Indian journal of psychiatry 2015 page 285-288.

	2013-2014	1	1. Pattern of Psychiatric referrals in a tertiary care teaching hospital in southern India. Journal of Clinical and Diagnostic Research 2013 August , Vol. 07(8):page1689-1691
	2012-2013		
	2011-2012	2	1. Issues and Challenges in the Rehabilitation of persons with Mental illness who are Homeless. Souvenir of The Richmond Fellowship Society (INDIA) Silver Jubilee Celebrations July 2011. 2. Psychiatry in UG curriculum of Medicine in Karnataka .Presidential address at 21st annual Karnataka state conference of IPS at Mysore , 20th August 2011
	2010-2011	2	1. Day hospitalization for acute severe psychiatric illness at medical college hospital. Sri Siddhartha Medical college and Research Centre Journal.2010,Vol.4,Issue1,page66-68 2. Homeless Mentally ill. Souvenir of 10th World Congress, Bangalore, World Association for Psychosocial Rehabilitation (WAPR)12-15

			November2009 page 45,46

23. **Details of patents and income generated** : NIL
24. **Areas of consultancy and income generated** : NIL
25. **Faculty selected nationally/ internationally to visit other laboratories in India and abroad**
26. **Faculty serving in**

a) **National committees b) International committees c) Editorial Boards d) any other (please specify)**

HOD Prof. Sathyanarayana M.T. served as President of Indian Psychiatric Society-Karnataka State Branch (IPS –KSB) in the year 2010-11 and received the "Best State Branch" award from IPS.

Dr Hemanth Kumar B.G. Asst. Prof. is serving as General Secretary of Indian Psychiatric Society-Karnataka Chapter (IPS –KC) from 2014-15.

Prof Murali T. has served as congress president of 10th world congress

INTERNATIONAL: NIL

27. **Faculty recharging strategies: (Refresher / orientation programs, workshops, training programs and similar programs).**

Faculty regularly attend CME & conferences

28. **Student projects -**

- **percentage of students who have done in-house projects including inter-departmental projects** -All PG students (100%)
- **percentage of students doing projects in collaboration with other universities / industry / institute -** 10%

Student projects	2014-2015	3	1.Stress management 2.Study skills 3.Mental health
	2013-2014	3	1.Alcohol and drug abuse 2.Study skills 3.Mental health
	2012-2013	2	1. Brain and behavior 2. Alcohol and drug abuse
	2011-2012	1	1.Alcohol and drug abuse
	2010-2011	1	1.Brain and behavior

29. Awards / recognitions received at the national and international level by

- Faculty— See List above
- Doctoral / post doctoral fellows NIL
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. Na	**Date of ucting and Place**	**Workshop/ CME etc**	**Topic**	**Name of the speaker**
1	Karnataka Mental Health Authority, SSMC &	Workshop	Alcohol and drug de-	Dr Sathyanarayana M.T.
2	C –Nagarjuna Hall	symposium	Indicated prevention of schizophrenia in children	Dr Keertish N.

31. Code of ethics for research followed by the departments: All Research approved by SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION , ETHICAL COMMITTEE.

32. Student profile course-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MBBS					
MD		07	03	100%	

33. Diversity of students

Name of the Course (refer to question no.4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MD	10%	40%	30%	20%

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

NIL

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	- 100%
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	08.33%
from other universities within the State	75%
from universities from other States	08.33%
from universities outside the country	08.33%

37. Number of faculty who were awarded Ph D., D.Sc. and D.Litt. during the assessment period : NIL

38. Present details of infrastructural facilities with regard to

Library	Books in the Department Library -143
Internet facilities for staff and students	Yes
Total number of class rooms	01
Class rooms with ICT facility	Yes
Students' laboratories	Yes
Research laboratories	Yes

39. List of doctoral, post-doctoral students and Research Associates

from the host university -

from other universities -

40. Number of post graduate students getting financial assistance from the university. NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians and concerned subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from?

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the seminar) involving external experts. : Mental health awareness program **distinguished alumni of the department (maximum 10):** NIL

44. Give details of student enrichment programmes (special lectures / workshops /

45. List the teaching methods adopted by the faculty for different programmes.

Problem based learning, seminar, symposium, journal clubs, and role play

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Departmental meetings, feedback from the students, and advice from University specialty sections like research, ethics and medical education units.

d. Highlight the participation of students and faculty in extension activities.

a) District Hospital Psychiatry OPD services are being taken up by the SSMC Psychiatry Dept. whenever a Psychiatrist was not available

b) "Manochaitanya" program in 04 Taluk hospitals of Tumkur Dist. (as part of national mental health program) on tuesdays are taken up by the SSMC Psychiatry Dept. in association with Tumkur District Mental Health Incharge

Extension activities	2014-2015	5	Health Awareness programmes: 1.Suicide prevention in children & adolescents 2. Life skills & Study skills 3. Health Camps at 03 places 4. Stress & Time management 5. World Mental Health Day
	2013-2014	7	Health Awareness programmes: 1. Mental Health, Problems, Strategies, Tobacco Cessation and related Activities 2. Mental Health and Illness 3. World Mental Health Day 4. Childhood Psychiatric Disorders 5. Students and public received awareness of mental health and illness. During MEDEX-2013 at SSMC campus from 02-07/09/2013 6. An article in kannada on mental health was written in leading kannada paper "Prajapragathi"daily titled "Manasika Aarogya-ondhu avalokana" by Prof. & HOD, Sathyanarayana M.T. during World Mental Health Week.

			7. Prof. & HOD Sathyanarayana M.T. participated in a live TV program on Phobia from Doordarshan on 01/10/2012
	2012-2013	5	Health Awareness programmes: 1. Alcohol and drug deaddiction 2. Suicide and its prevention on World Suicide Prevention Day 3. Life skills & soft skills 4. World Mental Health Day 5. Depression ; a global crisis 6.Prof. & HOD Dr. Sathyanarayana M.T. is an active member of Varadakshine Virodi Vedike (Anti Dowry Forum of Tumkur – working for welfare of Women)
	2011-2012	4	1. Students and public received awareness of mental health and illness. During a weeklong MEDEX-2011 at SSMC campus(18-23/10/'11) 2. Life skills & Study skills 3. Health Camps at 03 places 4. Stress & Time management
	2010-2011	3	Health Awareness programmes: 1. Alcohol and drug deaddiction

			2. Suicide and its prevention on World Suicide Prevention Day 3. Life skills &Study skills

47. Give details of "beyond syllabus scholarly activities" of the department.

48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : NIL

49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

We have started specialty clinics in Epilepsy, Child Guidance, Currently we are running Post Graduate programmes in MD Psychiatry. There are many ongoing research studies so also clinical trials. We propose to expand the programme — teaching, research, service and out-reach in the coming days . We propose to have new courses on M.Phil Clinical Psychology and Ultimately we hope to have an institution of Psychiatry / Behavioral Sciences under the aegis of University.

Future plans of the department. Planning to start

- M.Phil in Clinical Psychology.
- M.Phil in Sexual Medicine
- MSc in forensic psychology
- One year PG diploma in Health Counseling.
- Extension psychiatric units in rural area
- Expansion PhD programme [psychiatry].
- Increase research projects.
- Increase international publications.
- Mobile emergency units.
- Free wards for homeless mentally ill patients.
- child psychiatry unit.
- behavior therapy and biofeedback unit
- Increasing MD seats
- Geriatric psychiatric unit
- De-addiction unit
- Rehabilitation and Community psychiatry unit

50. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

1. Has made name in the district in clinical, academic and research

2. Multi specialty center covering special clinics like de-addiction, geriatrics, epilepsy, child guidance & sexual medicine

Weakness :

– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities

1. To establish community reach programmes
2. **Challenges**
    1. To remove stigma in the society towards mental illness & sexual problem
    2. Research & publications to be strengthened further
    3. To engage other professionals & develop liaison psychiatry in a big way

Evaluative Report of General Surgery

1. **Name of the Department** - General Surgery
2. **Year of establishment** - 1988
3. **Is the Department part of a School/Faculty of the university**? YES
4. **Names of Programmes** / Courses offered

   UG - MBBS

   PG—MS surgery
5. **Interdisciplinary courses and departments involved**

   BDS, Nursing, Anatomy. Inter department meeting are conducted..
6. **Courses in collaboration with other universities, industries, foreign institutions:** The process of collaboration with other universities has been initiated by the University at present P.G. students are posted NIMHANS, Sri Jayadeva Institute of cardiology, Kidwai memorial Institute of Oncology.
7. **Details of programmes / courses discontinued, if any, with reasons :** Department has not discontinued any course.
8. **Annual/ Semester/Choice Based Credit System :** As per MCl /University Guidelines
9. **Participation of the department in the courses offered by other departments** - BDS, Nursing.
10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

Designation	Sanctioned	Filled	Actual
Professor		09	09
Asso. Professors		03	03
Asst. Professors		08	08
Sr. Residents		09	09
Jr. Residents		19	19

General Surgery

11. **Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil , etc.)**

Name	Qualification	Designation	Specialization	No. of Years of	No. of Ph.D./ MS students guided for the last 4 years
Dr. Jagannath	MBBS. MS	Professor & HOD		22	01

Dr. G.M. Shivakumarappa	MBBS, MS	Professor	Surgery	29	01
Dr.K.S..Kulkarni	MBBS,MS	Sr.Resident	General	4	
Dr.G.N. Prabhakara	MBBS, MS	Professor		20	02
Dr.N.S.Venkatesh	MBBS, MS	Professor		15	02
Dr. Srinivas Arava	MBBS, MS	Professor		15	01
Dr. Gurukiran C.S.	MBBS, MS	Professor		12	02
Dr.Chandrashekar N.	MBBS, MS	Professor		12	01
Dr.Srinath .S.	MBBS, MS	Professor		12	02
Dr.Kiran Kumar K.M.	MBBS, MS	Professor		08	02
Dr.Shivakumar T.	MBBS, MS	Asso. Professor		09	01
Dr.Pavan B.M	MBBS, MS	Asso. Professor		07	01
Dr.Naveen H. Mahadev	MBBS, MS	Asso. Professor		05	Nil
Dr. Sreekara Swamy .R	MBBS, MS	Asst. Professor		03	Nil
Dr.M.B. Satish Kumar	MBBS, MS	Asst. Professor		03	Nil
Dr Keerthihas H.P.	MBBS, MS	Asst. Professor		02	Nil
Dr.Sathish Babu N.	MBBS, MS	Asst. Professor		02	Nil
Dr.Chandan G.B	MBBS, MS	Asst. Professor		01	Nil
Dr.Balesh H. Shiragumpi	MBBS, MS	Asst. Professor		10 m	Nil
Dr. Sridhar K.K.	MBBS, MS	Asst. Professor		9 m	Nil

Dr. Lakshminarayana	MBBS	Sr.Resident		4	
Dr.Vinay.N.L.	MBBS	Sr.Resident		4	
Dr.Nikhil Kumar	MBBS	Sr.Resident		5	
Dr.Aadithya Rangarajan	MBBS,MS	Sr.Resident		5	
Dr.Santhosh Naik	MBBS,MS	Sr.Resident		6	
Dr.Sachin S Shabadi	MBBS,MS	Sr.Resident		5	
Dr. D.N.Omkar Naik	MBBS,MS	Sr.Resident		18	
Dr. Varun Kumar. I	MBBS,MS	Sr.Resident		1	
Dr. Suhas. T.R.	MBBS	Jr.Resident		3	
Dr. Shreyas. R	MBBS	Jr.Resident		3	
Dr. M.C.Narendra.	MBBS	Jr.Resident		3	
Dr. Krishna Kishore	MBBS	Jr.Resident		2	
Dr. Pratheek. K.C.	MBBS	Jr.Resident		2	
Dr. Aditya Madi Shetty	MBBS	Jr.Resident		2	
Dr.Amith Koushik	MBBS	Jr.Resident		1	
Dr. Arshad Azeez	MBBS	Jr.Resident		1	
Dr. Prasannakumar. G	MBBS	Jr.Resident		1	
Dr.Mudassir Habeeb	MBBS	Jr.Resident		1	
Dr. Meera.C	MBBS	Jr.Resident		1	
Dr. Praveen Karki	MBBS	Jr.Resident		1	
Dr. Prabhakar.R.S	MBBS	Jr.Resident		1	
Dr. A.V.Jagadish	MBBS	Jr.Resident		1	
Dr. Ramalingashetty	MBBS	Jr.Resident		1	

Dr. B.L.Asha	MBBS	Jr.Resident		2	
Dr. Yadhukumar. H.K.	MBBS	Jr.Resident		1	
Dr. Pradeep. R.	MBBS	Jr.Resident		1	

12. List of senior Visiting Fellows, adjunct faculty, emeritus Professors: As per the University adjunct faculty list.

13 As per the university adjunct faculty list Percentage of classes taken by temporary faculty - Programme-wise information; Department has all permanent faculty

14 Programme-wise Student Teacher Ratio –

a. 5 :1 for UGs

b. 1 : 1 for PGs

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled-

Technical staff- 00

Administrative staff- 01

16. Research thrust areas recognized by funding agencies-Laparoscopic Surgery emergency Gen.Surgery, diabetic foot, soft tissue infections.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Number of on going projects by faculty are

List of on going projects	**2014-2015**		-"ASSESSMENT OF DIAGNOSTIC ACCURACY OF C-REACTIVE PROTEIN AND LEUCOCYTE COUNT IN CASE OF SUSPECTED ACUTE APPENDICITIS" -"COMPARISON OF TOPICAL PHENYTOIN DRESSING WITH CONVETIONAL DRESSING IN HEALING OF DIABETIC ULCERS" -"COMPARITIVE STUDY OF SURGICAL INCISION BY CONVONTIONAL SCALPEL VERSUS HIGH FREQUENCY ELECTROCAUTRY"
	2013-2014		-"A COMPARITIVE STUDY BETWEEN LAPROSCOPIC TRANSABDOMINAL PRE PERITONEAL REPAIR AND

			TOTAL EXTRAPERITONEAL REPAIRS OF INGUINAL HERNIA" -"EVALUATION OF LRINEC (LABORATORY RISK INDICATOR FOR NECTROTIZING FASCITTIS) SCRING SYSTEM FOR DIAGNOSIS OF NECROTIZING FASCITTIS" -"COMPARITIVE STUDY BETWEEN CONVENTIONAL 3 PORTS AND MODIFIED 2 PORTS IN LAPROSCOPIC APPENDICECTOMY"
	2012-2013		-" A COMPARATIVE STUDY OF LAPAROSCOPIC VERSUS OPEN CHOLECYSTECTOMY" -" CLINICAL EVALUATION AND MANAGEMENT OF LOWER LIMB VARICOSE VEINS" -" VALIDATION OF THE DIABETIC ULSER SEVERITY SCORE IN PATIENT OUT COME"
	2011-2012		-" COMPARATIVE STUDY OF METHODS OF SKIN CLOSURE 1-2 OXTYL CYANO ACRY LATE GLUE V/S SUTURE METERIAL V/SSTOPER CLOSURE IN CLEAN ELECTIVE SURGENS. -“CLINICLE STUDY OF NON TRAUMATIC CAUSES AND MANAGEMENT OF GENERALIZED PERITIONTIS” -"A COMPARATIVE STUDY OF MASS CLOSURE VERSUS CONVENTIONAL CLOSURE OF LAPAROTOMY WOUNDS"
	2010-2011		-" A COMPARATIVE STUDY OF LICHTENSTE IN REPOGR V/S TAPP REPAIR FOR INGUINAL HERNIA" -" POSSUM AND P-POSSUM FOR RISK ADJUSTED AUDIT OF PATIENTS UNDER GOING EMERGENCY

			LAPROTOMY" -"EVALUATION OF ALUARADO SCORE IN MANAGEMENT OF ACUTE APPENDICITIS"

18. **Inter-institutional collaborative projects and grants** received;

a) All India collaboration b) International Department is involved in RNTCP under Ministry of Health.

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. —** The prossess of application are projects for funds from these agencies is under process.

20. **Research Facility / Centre with State Recognization/ National Recognization / International Recgnization:** -Medical College Hospital with In patients and daily out patients, full fledged 24 hours pathology, microbiology, BiochemistryLaboratories , advanced Radiology Imaging high end Laparoscopic equipment, high end endoscopic equipment. Genetic laboratory.

21. **Special research laboratories sponsored by / created by industry or corporate bodies =Genetic laboratory.**

22. Publications:

- **Number of papers published in peer reviewed journals (national / international):**

  National : 12

  International :03
- Monographs: NIL
- Chapters in Books: NIL
- Edited Books: NIL
- Books with ISBN with details of publishers: NIL
- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL
- Citation Index — range / average
- SNIP
- SJR
- Impact Factor— range / average
- h-index:

International publications	**2014-2015**		- Intracystic papillary carcinoma in male breast cyst-a case reporvol.13 issue 5, May 2014.
	2013-2014		
	2012-2013		
	2011-2012		
	2010-2011		
National publications	**2014-2015**		
	2013-2014		Srinath. S., Suma.K.R. Thyroid Abscess in a Child, Internation Journal of health sciences and research, 2013, 3(9) : 124- 127. (national journal). Srinath.S, Prashanth Hungund, Diagnostic dilemmas and primary treatment by radiotherapy in primary squamous cell carcinoma of prostate. Journal of evolution of Medical and Dental sciences 2013, 2(32), 6143-6149. (national journal). Srinath.S., Prashanth Hungund, Complicated groin hernias- risk factors, conservative management and timing of surgical management Journal of evolution of Medical and Dental sciences 2013, 2(34), 6502-6508. (national journal). Srinath.S., Naveen.H M Evaluation of P possum equation in emergency laparotomy. Journal of evolution of Medical and Dental sciences 2013, 2(35),

			6696-6705. (national journal). - Study of prognostic factors in perforation peritonitis.
	2012-2013		- Comparative study between skin staples v/s sutures in abdominal wound closure. - A rare case of aggressive angiomyxoma presenting as perineal hernia. - study of smoking cessation and its intra and postoperative benefits

23. **Details of patents and income generated :** Institute has taken steps to educate faculty regarding patent generation.
24. **Areas of consultancy and income generated:** -Special clinics in proctology, Diabetic foot, pain management, Onco surgery, C.T.V.S , urology, emergency and trauma, minimal invasive surgery, endoscopic procedures, GI surgery.
25. **Faculty selected nationally/ internationally to visit other laboratories in India and abroad; -Department faculty have visited advance killer at MSRH Bangalore as observers for workshops.**
26. **Faculty serving in**

DR.Prabhakara.G.N.

a) National committees

1) Indian Medical Association President (Elc)

2) Karnataka Medical Council – Council Member

b) Editorial Boards

1) Editor- KARNATAKA MEDICAL JOURNAL
2) Editor- IMA FOCUS

Dr. Chandrashekar.N

National committee

1) ASSOCIATION OF SURGEONS OF INDIA- E.C MEMBER

27. Faculty recharging strategies

The faculties are regularly attending Conferences, Workshops, CME's and Seminars conducted by other institutions and universities. Every faculty is entitled to receive financial support from the university once in a year for national events and once in three years for international events. Guest lecture organized by DOME .

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: 100%
- percentage of students doing projects in collaboration with other universities / industry / institute: NIL

Students project	**2014-2015**		-Manifestation of tuberculosis in surgery patients- Dr.Aditya M,Dr.siri chandana -Sepsis and its complications- Dr.Amith ,Dr.Rashive
	2013-2014		-Tobacco and cancer –Dr.Narendra,Dr.vidya -Disaster management-Dr prateek,Dr.neha
	2012-2013		-Pre malignant lesion of cancers in oral cavity- Dr.Shreyas,Dr.Gaurav, -Universal precautions –Dr.Adithya .R.,Dr.Subham
	2011-2012		Foot care in diabetic patients-Dr.nikhil,, Breast cancer screening -Dr.Fahad
	2010-2011		Evolution of surgery-Dr.Suhas ,Dr.Manjunath-

29. Awards / recognitions received at the national and international level by

- Faculty ; -IMA endowment lecture at IMA conference by Dr.G.N.Prabhakara.

- Doctoral / post doctoral fellows : NIL
- Students: NIL

AWARDS	**2011-2012**	**1**	IMA Endowment Oration in IMA state conference

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants,

Sl. No.	Date of Conducting and	Workshop/ CME etc	Topic	Reputed Participant
1	10/03/2010 SSMC,TUMKUR	CME	Sensitization programme HIV / AIDS	
2	13/04/2011 SSMC,TUMKUR	CME	DIABETIC FOOT UPDATE	Dr.Suresh JIVAS
3	10/09/2011 SSMC,TUMKUR	CME	APPROACH TO TRAUMA	Dr.Arun L Naik Dr.Sathish Dr.Anjinappa. Dr.Rajashekar Reddy
4	SEP 2013 SSMC,TUMKUR	CME/ WORKSHOP	VARICOSE VEIN SURGERY	Dr.Venkatesh Reddy
5	20/09/2014 SSMC,TUMKUR	CME	SAFE SURGERY	Dr..G.Siddesh
6	30/09/2014 SSMC,TUMKUR	CME	DIABETIC FOOT UPDATE	

Conferences attended	**2014-2015**	**4**	- National GII update Bangalore - Kscasicon, 2015 mysore gastro update , Bangalore feb 2015 33rd Annual Conference Karnataka State Chapters of Association of Surgeons of India. Mysore IX General and Digestive Surgery Workshop PG cme

			Basic Laparosopic Training .Bhathanapalli (Ananthapur) Sri Siddhartha Medical College District Tuberculosis centre. SSMC Tumkur.
	2013-2014	**5**	- National GI update Bangalore - KASICON- at Udupi. - KSC Asicon,manipal march 2014 - NSG update ,bangalore june 2014 colorectal surgery workshop ,Bangalore April 2014 - Hernia workshop,MSR hospital ,Bangalore Sep 2014
	2012-2013	**9**	- 2nd National conference on Ambulatary Surgery. - ASSICON-2013 Ahmadabad. Prof. B Hanumaiah Memorial National CME Orientation Programme for interns- guest speaker 3,4-May-2012 - Orientation Programme for PG students- guest lecture 5,6,July-2012 - Medicon-2012- IMA kothgal 7,8,Oct-2012 - Unicef-Prevation ad treatment of childhood diagramme 14 Nov-2012 - Asicon-2012 Kolkata. 25 to 30 Dec-2012 - CME in Gen.Surgery at Tumkur - AMASICON- at Coimbatore. - KASICON- at Raichur.
	2011-2012	**12**	- Delegate-Annual National Surgical Conference.(Trivedrum, Kerala) - Delegate- CME on senotics & management of infetiilty SSMC Tumkur

			-IMA national conference 27,to 29-12-2011 -.National conference on Ambulating Surgery 2,3-Sep-2011 -. Surgiquest- Bellary 9,10-July-2011 -. KSC-asicon2012 Hubli 9 to12-Feb-2012 - CME on Diabetic foot at Tumkur - CME in Gen Medicine at Tumkur - CME on Cytogenetics at Tumkur - CME on approach to Trama atTumkur - ASICON –at Cochin -I MA NATCON at Bangalore.
	2010-2011	**5**	-CME on research methology SSMC Tumkur -9th National conference on diasctic fort (Bangalore) -CME on MDRTB at Tumkur -KAPICON- at Belgaum -ASICON- at New Delhi.
Conferences / workshops conducted	**2014-2015**	**2**	IX General and Digestive Surgery Workshop PG cme Basic Laparosopic Training
	2013-2014		
	2012-2013	**7**	- Health care Global Enterprises ltd. (HCG). SSDC Campus. Tumkur.
	2011-2012		- Workshop – Trial of paleosetron drug (Hongkong) - Complete study EGF 108919 investigators meet.. - Resource person – Orientation program interns conducted by CME cell SSMC Tumkur - Resource person – Orientation program P.G students conducted by CME cell

			SSMC Tumkur - CME on UROLITHIASIS and LASER - PROSTATECTOMY conducted in the Month of April-2011. - CME and WORKSHOP conducted in Association with Jain Hospital, Bangalore, in the month of June-2011 (Diabetic foot) - CME on approach to TRAUMA conducted in the month of Sept-2011

31. Code of ethics for research followed by the departments: YES

As prescribed by various National Governing bodies and Institutional Ethical Committee guidelines

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected Male Female	Pass percentage Male Female
MBBS			
MS			

33. Diversity of students

Name of the Course (refer to question no.4)	% of students from the same	% of students from other universities within the State	% of students from universities outside the State	% of students from other
MBBS	Nil	49.44%	55.56%	0%
PG	0%			

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

NIL

Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil./ Mch	100% (year 2015)
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-

Employed • Campus selection	- 100%
Entrepreneurs	-

Diversity of staff

SAHE NAAC SSR Part - H

35.Percentage of faculty who are graduates

of the same university ***00***

from other universities within the State 89%

from universities from other States 11%

36. Number of faculty who were awarded Ph D., D.Sc. and D.Litt. during the assessment period : NIL

37. Present details of infrastructural facilities with regard to

a) Library - Central Library at College and Departmental Library at Hospital (No = 253 books)

b) Internet facilities for staff and students =YES

c) Total number of class rooms = 02

d) Class rooms with ICT facility = 02

e) Students' laboratories =YES

f) Research laboratories =NIL

38. List of doctoral, post-doctoral students and Research Associates:

a) from the host university

b) from other universities : Nill

39. Number of post graduate students getting financial assistance from the university: :

All post graduate students are getting financial assistance from the university.

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians and concerned subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two

experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

e. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

f. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

g. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10):

Dr. Suhas. S.. Dr. Manjunath. S.K., Dr. Chandra Kiran Reddy,

Dr. Fahad Tauheed., Dr. Nikhil Kumar., Dr. Anadi Prakash Tripathi.

Dr. Suhas. T.R.., Dr. Shreyas.R., Dr.Aaditya Rangarajan.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. ; By conducting Workshops / CME/ Grand clinics

45. List the teaching methods adopted by the faculty for different programmes. Audio visuals / DPT / Live videos / Hands on tissues & suture + materials.- Bedside clinics for UG & PG, tutorials with power point presentation for UGs, Theory class for UGs, live demonstration of surgerys for UG & PG, clinical case discussion for PGs, Journal club for PGs, Subject Seminar for PGs.

46. **How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?-** Planed timetable, end postings clinical internal assessment, periodic theory internal assessment for UG, yearly clinical and Theory internal assessment for PG . Students feed back and conduct periodic internal assessment
47. **Highlight the participation of students and faculty in extension activities.** Apart from the academic activities the faculty and students are involved in cultural, sports and other social welfare programmes like free health camps and Blood donation camps and Medical exhibition.- Faculty participate as resources persons for interns and PG orientation programs.
48. **Give details of "beyond syllabus scholarly activities" of the department. The students participate in the student research projects which allow them exposure to basic research methodology.-** Students participate in Medical exhibition conducted in college. They participate in quiz programs and health camps students participate in cultural and spots activities held in college and in other institutions.
49. **State whether the programme/ department is accredited/ graded by other agencies?** If yes, give details
50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied :** -The department faculty participate in orientation programs for UGs & Interns participate in medical education technology workshops for generating new knowledge. Hands on skils for interns PG participation in publication of articles in conferences and peer reviewed Journals.
51. **Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths

Qualified and Skilled staff
Advanced minimal Access Surgery and Endoscopy
Regular conduction of CMIS trainings
Practice of evidence based surgical skills
Availability of latest technology

Weakness– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

Challenges

Subspecialties
Overlapping at work
To take up newer procedures like Liver transplantation

52. artment. Future plans of the dep

1) Surgical Skill Laboratory
2) Endoscopy / Laparoscopy Certified Cours
3) To start stoma clinic.
4) Upgrade diabetic foot clinic.
5) To strengthen and venture advanced laparoscopic procedures.
6) Full time pain clinic.

Evaluative Report of Orthopaedics

1. **Name of the Department** Orthopaedics

2. **Year of establishment** 1988

3. **Is the Department part of a School/ Faculty of the university?**

   Department of Sri Siddhartha Medical College,

4. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

   UG MBBS

   PG MS (Orthopaedics), Diploma in Orthopaedics,

5. **Interdisciplinary courses and departments involved**: NIL

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**

   NIL

7. **Details ofprogrammes / courses discontinued, if any, with reasons**: NIL

8. **Annual/ Semester/Choice Based Credit System :** As per MCl/University Guidelines

9. **Participation of the department in the courses offered by other departments**

Si. Na	Name of the Course	Name of the Dept	Whether Approved by UGC / DCI /PCI / MCI / AICTE
1	BSc Nursing	College of Nursing	RGUHS/INC

10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professor**

	Sanctioned	Filled	(including CAS & MPS)
Professor	01	04	04
Associate Professors	04	03	03
Asst. Professors	07	08	08

Sr. Resident	06	06	06
Jr. Resident	12	13	13

11. Faculty profile with name, qualification, designation and pecialization (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualification	Desig-nation	Speciali-zation	No. of Years of	No. of MS students guided
Dr.J.K.REDDY	MBBS, MS ortho	Professor & HOD	Orthopaedics	40.9	02
Dr. Govindaraju	MBBS, MS ortho	Professor	Orthopaedics	32.6	04
Dr.Mahesh K.U	MBBS, MS ortho	Professor	Orthopaedics	16.7	04
Dr. Gopalakrishna	MBBS, D ortho, MS ortho	Professor	Orthopaedics	23.3	03
Dr.Prasad M	MBBS, MS ortho	Asso.Professor	Orthopaedics	10.9	02
Dr.V Muralidhar	MBBS, MS ortho	Asso.Professor	Orthopaedics	10.10	NIL
Dr.Muralidhar B M	MBBS, MS ortho	Asso.Professor	Orthopaedics	8.11	NIL
Dr.Ravikumar AS	MBBS, D ortho, DNB ortho	Asst. Professor	Orthopaedics	11	NIL
Dr.Ashoka S C	MBBS, MS ortho	Asst. Professor	Orthopaedics	6.7	NIL
Dr.Harish G	MBBS, MS ortho	Asst. Professor	Orthopaedics	5.7	NIL
Dr.Ravi K B	MBBS, MS ortho	Asst. Professor	Orthopaedics	6.9	NIL

Dr.Mohammed Nabeel Shams	MBBS, MS ortho	Asst. Professor	Orthopaedics	5	NIL
Dr.Teddy Abhram	MBBS, MS ortho	Asst. Professor	Orthopaedics	5.4	NIL
Dr. G Naveen Bharat	MBBS, MS ortho	Asst. Professor	Orthopaedics	3.9	NIL
Dr.Ajithkumar K.S	MBBS, D ortho, DNB ortho	Asst. Professor	Orthopaedics	7.1	NIL

***Senior & junior residents profile not enclosed**

12. **List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors-**
    Dr. Manohar, Dr.sreedhar Murthy, Dr.T.R. Nagaraj
13. **Percentage of classes taken by temporary faculty — programme-wise information :** NIL
14. **Programme-wise Student Teacher Ratio**: UG — 13:1, PG — 1:1
15. **Number of academic support staff (technical) and administrative staff: sanctioned and filled**

Sl.	Designation	Sanctioned	Filled
1	Academic support staff	01	01
2	Administrative staff	01	01

16. **Research thrust areas recognized by funding agencies**: NIL
17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.:** NIL
18. **Inter-institutional collaborative projects and grants received a) All India collaboration b) International** : NIL
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received.:** NIL
20. **Research facility / centre with** : NIL

- **state recognition**
- **national recognition**
- **international recognition**

21. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

22. Publications:

- Number of papers published in peer reviewed journals (national / international) National — 14 International — ML
- Monographs- Nil
- Chapters in Books : Nil
- Edited Books —NIL
- Books with ISBN with details ofpublishers —NIL
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.) -06
- Citation Index — range / average
- SNIP
- SJR
- Impact Factor — range / average : NIL
- h-index : 6

INTERNATIONAL PUBLICATION	2014-2015	1	TITLE: A STUDY ON SURGICAL MANAGEMENT OF ANKLE FRACTURES – A CLINICAL STUDY ON 21 CASES. INTERNATIONAL JOURNAL OF BIOMEDICAL AND ADVANCED RESEARCH- DR NABEEL.
NATIONAL PUBLICATION	2014-2015	7	1.STUDY OF MANAGEMENT OF SUBTROCHANTERIC FRACTURES OF THE FEMUR IN ADULTS USING PROXIMAL FEMORAL NAILS.

			INDIAN JOURNAL OF BASIC AND APPLIED MEDICAL RESEARCH. DR PRASAD M. 2.GIANT CELL TUMOUR OF THE TENDON SHEATH: A CASE REPORT. JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES. DR RAVIKUMAR A S. 3.MANAGEMENT OF UNSTABLE THORACOLUMBAR SPINAL FRACTURES BY PEDICLE SCREWS AND RODS FIXATION. JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH. DR MURALIDHAR B.M. 4. MANAGEMENT OF FRACTURES OF BOTH BONES FOREARM USING INTRAMEDULLARY `L'RODS: A CLINICAL STUDY. JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES. PROF DR GOVINDARAJU. DR HARISH 5.FOREARMBONE FRACTURES : DYNAMIC COMPRESSION PLATING Vs LOCKING COMPRESSION PLATIING-RANDOMIZED CONTROL

			STUDY. INDIAN JOURNAL OF BASIC AND APPLIED MEDICAL RESEARCH. DR RAVI K.B. 6.A STUDY OF EFFECTIVENESS OF EPIDURAL STEROID INJECTIONS FOR LOWER BACKACHE AND SCIATICA.JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES. DR MAHESH K.U. 7.SYNOVIAL FLUID ANALYSIS IN DIAGNOSIS OF JOINT DISEASES.RESEARCH JOURNAL OF PHARMACEUTICAL , BIOLOGICAL AND CHEMICAL SCIENCES. DR V.DR MURDR ALIDHARA

23. **Details of patents and income generated**: NIL
24. **Areas of consultancy and income generated** : NIL
25. **Faculty selected nationally/ internationally to visit other laboratories in India and abroad** :NIL
26. Faculty serving in a)National committees b) International committees c) Editorial Boards d) any other (please specify): NIL
27. **Faculty recharging strategies**

    The faculties are regularly attending Conferences, Workshops, CME's and Seminars conducted by other institutions and universities. Every faculty is entitled to receive financial support from the university once in a year for national events and once in three years for international events: YES
28. **Student projects**

- percentage of students who have done in-house projects including inter-departmental projects: Ms Students 100%
- percentage of students doing projects in collaboration with other universities / industry / institute: Nil

STUDENT PROJECTS	2014-2015	5	1.PREVALENCE OF LOW BACK ACHE IN MEDICAL STUDENTS OF SRI SIIDHARTHA MEDICAL COLLEGE 2.PREVALENCE OF SPORTS INJURIES IN THE SRI SIDDHARTHA MEDICAL COLLEGE CAMPUS 3.PREVALENCE OF FLAT FOOT (PES PLANUS) IN MEDICAL STUDENTS 4.PREVALENCE OF KNOCK KNEES AND BOW LEGS IN SCHOOLS 5.SCREENING OF NEWBORNS FOR CTEV IN SRI SIDDHARTHA MEDICAL COLLEGE

29. Awards / recognitions received at the national and international level : NIL

30. Seinars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.: NIL

CONFERENCES ATTENDED	2014-2015	6	1)KOACON 2015 , MYSORE. 2) RHEUMATOLOGY CONFERENCE- BANGALORE 3)IOACON 2014 AT HYDERABAD.

			4)PAEDIATRIC ORTHOPAEDIC CONFERENCE AT PUTTAPARTHY-ANDHRA PRADESH 5)INTERNATINAL ARTHROSCOPY AND SPORTS MEDICINE CONFERENCE 2014 6)APOACON2014 MEHABOOB NAGAR

31. Code of ethics for research followed by the departments : YES As prescribed by various National Governing bodies and Institutional Ethical Committee guidelines

32. Student profile course-wise:

Name of the Course (refer to gluiest-Ion **no. [4])**	**pplications received**	**Selected Male Female**	**ass percentage** Male Female
MBBS			
MS — Ortho		03	67 %
D Ortho		02	(100%)

33. Diversity of students

Name of the Course (refer to	**% of students from the**	**% of students from other universities**	**% of students from universities**	**% of udents from other**
MBBS (Batch 2008-09)	NA			
MS (Orthopedics)	NIL	33%	67%	NIL

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: NIL

35. Stud]ent progression

Student progression	**Percentage against enrolled**
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	Nil 100%
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	6%
from other universities within the State	94%
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : NIL

38. Present details of infrastructural facilities with regard to

a) Library—Departmental Library with 121 books

b) Internet facilities for staff and students - Yes

c) Total number of class rooms - 02

d) Class rooms with ICT facility —All classrooms are ICT enabled

e) Students' laboratories - NIL

f) Research laboratories -NIL

39. List of doctoral, post-doctoral students and Research Associates

a) from the host university - 13

b) from other universities - NIL

40. Number of post graduate students getting fmancial assistance from the university.:NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

: NIL

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10)

1. Dr.Brigesh, consultant, sunshine hospital, hydrabad.
2. Dr.Surendrababu, arthroscopic & arthroplasty surgeon, trust hospital, kakinande,AP
3. Dr. Mohan Patil, spine surgeon, manipal hospital, Bangalore
4. Dr. vidyasagar, consultant paediatrics orthopaedics, sunshine hospital, hydrabad
5. Dr. S N Patil, professor of ortho, mamatha hospital, kammam, AP
6. Dr. Prithvirat Malli, prof. of ortho, B.G.S medical college, bangalore

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:NIL.

45. List the teaching methods adopted by the faculty for different programmes.

a) Didactic Lectures — Power Point Presentation with Interactive Session

b) Case Discussion — Problem Solving Session

c) X ray, Instruments & Orthotics discussion — Pre & post operative planning session

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The students are assessed periodically through internal assessment tests and at the end of the programme with the annual examinations wherein both theory and practical skills are assessed.

47. Highlight the participation of students and faculty in extension activities.

a) Apart from the academic activities the faculty and students are involved in cultural, sports and other social welfare programmes like NS S and Blood donation camps and camps organized by NGO 's.

b) Department faculty are actively involved in surgical correction of physical and congenital deformities in children through speciality clinic services.

EXTENSION ACTIVITIES	2014-2015	6	FREE MEDICAL CAMP AT SHETTYHALLI , MADHUGIRI TALUK ON 13TH FEBRUARY 2015 FROM 10:00AM TO 4:00PM FREE MEDICAL CAMP AT JAKKENAHALLI, BELADARA ON 24 TH JANUARY 2015 FROM 9:00 AM TO 2:00 PM FREE MEDICAL CAMP AT CHELUR , GUBBI TALUK ON 9TH DECEMBER 2014 FROM 10:00AM TO 4:00PM

			FREE MEDICAL CAMP AT KORA , TUMKUR TALUK ON 9TH DECEMBER 2014 FROM 10:00AM TO 4:00PM FREE MEDICAL CAMP AT VAKKODI ,TUMKUR TALUK ON 24 TH NOVEMBER 2014 FROM 9:00 AM TO 2:00 PM FREE MEDICAL CAMP AT AMMASANDRA,TURUVEKERE TALUK ON 20TH JUNE 2014

48. Give details of "beyond syllabus scholarly activities" of the department

The students participate in the student research projects which allow them exposure to basic research methodology.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Conducting Conferences, seminars and workshop for updating current scenario
- Attending national and international conference to interact with eminent scientists
- Scientific Publications in Research journals

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Qualified and well trained Faculty

Adequate clinical material

State of the art operational theatre

Speciality clinics — hand surgery, paediatric orthopaedics,

arthroscopy and arthroplasty,spine, fracture clinic

Weakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

52. Future plans of the department.

To establish

A) Surgical skills lab.

B) To have specialised units for trauma, Paediatric orthopaedics, Orthopaedic oncology, Arthroplasty & Arthroscopy,Hand surgery, Spine Surgery

C) e- Teaching(WEBINARE)

Evaluative Report of Ophthalmology

1. **Name of the department** OPHTHALMOLOGY
2. **Year of establishment:** 1988
3. **Is the department part of a School/Faculty of the university? –** Department of Siddhartha Medical College
4. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph. D., Integrated Masters; Integrated Ph.D., etc)**
   UG: MBBS, PG: MS (Ophthalmology), Diploma (Ophthalmology)
5. **Interdisciplinary courses and departments involved**
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.- P.G** Training Programme at Sankara eye-hospital , MOU under process.
7. **Details of Programmes/ courses discontinued, if any,, with reasons**-NIL
8. **Annual/ Semester/ Choice Based Credit System: As per MCI/University Guidelines**-Annual Exams
9. **Participation of the department in the courses offered by other departments**-Radiology , Pathology, Pharamacology, Anatomy and Microbiology 2 week posting for PG curriculum.
10. **Number of teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)**

	Sanctioned	Filled
Professor		3
Associate Professors		1
Asst. Professors		1
Sr. Resident/ Lecturer		3

11. **Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./Ph.D./M.Phil.,etc)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./MD students guided for the last 4 years
Dr. Sandhya R	MBBS, MS, DNB, FVR, PGDMLE, PGDHM (FRCS)	Prof. and HOD	Vitro-retina, Medical Law, Management	16	2

Dr. Jayshree Shah	MBBS, DOMS, MS	Professor	Ophthalmology	25	4
Dr. Lokesh H M	MBBS, MS	Professor	Ophthalmology	14	2
Dr. Niharika Shetty	MBBS, MS	Asso. prof	Ophthalmology	8	NIL
Dr. Ajith S	MBBS, MS	Asst. Prof	Ophthalmology	7.8	NIL
Dr. Veena Kumari	MBBS, DOMS	Sr. Resident	Ophthalmology	9	NIL
Dr. Siddalinga S	MBBS,DOMS, DNB	Sr. Resident	Ophthalmology	5	NIL
Dr. Chaya	MBBS, DOMS, FGO	Sr. Resident	Ophthalmology	2.5	NIL

12. **List of senior visiting fellows, Faculty, Adjunct faculty, emeritus professors**: Dr. Thimmaya, MBBS MS, Ex. Superintendent Minto Eye Hospital, Dr. Subhanna Shetty , MBBS MS.
13. **Percentage of classes taken by temporary faculty** – NIL
14. **Programme-wise Student Teacher Ratio**: UG: 16.1 & PG 2:1
15. **Number of academic support staff (technical) and administrative staff:**

Sl. No	Designation	Sanctioned	Filled
1	Academic support		03
2	Administrative staff		04

16. **Research thrust are recognized by funding agencies**- NIL

1) Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the name of the names of the funding agencies and grants received project –wise:
2) A CROSS SECTIONAL STUDY OF PREVALENCE OF RESENT ONSET OF HEADACHE AMONG FIRST YEAR MEDICAL STUDENTS: Dr.SANDHYA.R&Dr.DEEPALI.A
3) A CLINICAL STUDY OF PRE & POST YAG CAPSULOTOMY INDUCED ASTIGMATISM IN PSEUDOPHAKIC PATIENTS: Dr.SANDHYA.R&Dr.FIJO KURIAKOSE
4) COMPARISON OF ASTIGMATISM IN SMALL INCISION CATARACT SURGERY: Dr.H.M.LOKESH
5) ASTIGMATISM STUDY IN PATIENT ATTENDING SSMC EYE OPD: Dr. JAYASHREE.S.SHAH
6) COMPARISON OF IOP SPIKE POST YAG LASER CAPSULOTOMY TO THE ENERGY USED AND SHOT GIVEN: Dr NIHARIKA and Dr. SHRIYA
7) KAP STUDY ON DIABETIC RETINOPATHY AMONGEST PATIENTS AT SRI
8) SIDDHARTHA MEDICAL COLLEGE, TUMKUR: Dr. SHETTY NIHARIKA KRISHNA

Grants forball projects By university- Sri Siddhartha Academy of higher education (SSAHE)

17. **Inter-institutional collaborative projects and grants received**-NIL
18. **Departmental projects funded by DST-FST; UGC-SAP/CAS, DPE;DBT,ICSSR etc:-**NIL

Conducting comprehensive service eye camp at 4 dedicated PHCs near the hospital implemented under NPCB, as per the MOU done in March 2015 (awaiting for the grants)

19. **Research facility /centre with- Good patient input with excellent laboratory facility, availaibility of fundus camera, Retinal LASER , and UltraSonic Machines, Visual Field analyzer , Day care facility.** State of the art cardiology , neohrology ,centres. Availaibility of Genetic research lab and IVF centres. University Grants for research purpose. Regular Research Methodology Workshops. Alumni and Guest lectures for upgradation of the knowledge of Faculty. Inter departmental meeting for rare case discussions. Regular Training of faculties by the

MCI Recognised Regional Training Centre.

20. **Special research laboratories sponsored /created by industry or corporate bodies-** Availibility of Genetic Lab, IVF centre, Immunohistochemistry Marker Facility With Pathology Department, Anthropometry. Lab; Component Seperation at Blood bank…..

21. **Publications :**

Number of papers published in peer reviewed journals national-16 (+1 approved for publication in JCOR)

Monographs- NIL

Chapters in books-NIL

Edited books

Number listed in international data base; SCOPUS-5, 12-(GOOGLE scholar, ICV, etc.)

Citation index range-

SNIP

SJR

Impact Factor- 0.13 – 0.35

H-index

Department of Ophthalmology		**Publications**	**Citation**	**H- index**	**Impact factor**
1	Dr Sandhya R	5	0	0	0
2	Lokesh H.M.	4	0	0	0.17
3	Jayashree S Shah	1	0	0	0.14
4	Niharika Shetty	4	0	0	0.35
5	Ajith S	2	0	0	0.35

22. **Details of patents and income generated :** Awareness among the faculty Created For Standardised Research Methodologies and attempt to procure patents through.

23. **Areas of consultancy and income generated:** Excellent patient care facility, Adequate OPD area , Trained Faculties, Speciality Care Services available, Namely Glaucoma Retina, Cornea,

Squint and Neuro-Ophthalmology, Oculoplasty. Availability of fundus camera, Retinal Lasers , Anterior segment lasers, Field Analysers, 5 slit lamp, Chair unit, autorefractometers , Indirect and Direct ophthalmoscope .All surgical facilities , namely trabeculectomies, squint, oculoplasty available. Newer modalities of cataract surgeries SICS, Phacoemulsification available .Community services such as Eye Collection services with short term storage facilities available and transport to affiliated banks done. Community eye care services such as regular eye screening and surgical camps conducted . Regular eye camps at four rural centres being conducted every month. dd

24. Faculties selected nationality/ internationally to visit other laboratories in India and abroad:

25. National Conferences attended by the faculties at Hyderabad, Bangalore and Cochin in past 5 years.

26. Faculty serving in

a) National committee

Karnataka Ophthalmic Society- Dr. Lokesh, Ex. Secretary . Tumkur Ophthalmic Society member- Dr Lokesh H.M, Dr Jayashree Shah. All Faculties are All India Ophthalmic Society Members and Indian Medical association members.-

b) International committees

c) Editorial Boards- Editorial in IJCEO- Dr Sandhya R

d) Any other (please Specify)

27. Faculty recharging strategies following faculties were sent for following fellowships: Dr Jayashree Shah & Dr. Niharika Shetty – teacher's training

28. Students projects

a) Percent of students who have done in-house projects including inter-departmental project P.G- 100%, U.G- 100%

a) Percentage of students doing projects in collaboration with other universities/ industries/ institute: NIL

b) Ongoing research in the department

Dr Sandhya R. Evaluation of Headache of Recent Origin

Dr. Jayashree S ShahOcular tuberculosis as the primary presentation in systemic tuberculosis.

Dr.Jayshree S ShahComparison of different surgical techniques for pterygium.

Dr.Lokesh H M	Comparison of xylocaine drops VS gel for phacoemulsification our experience.
DrJayashree	Comparison of Dialated and undialated autorefractometer readings
Dr. Sanjay	Lignocaine buffered hyaluronidase with lignocaine buffered sodium bicarbonate in peri-bulbar anaesthesia comparative study

Dr.JagyaSeni.B	Causes of decreased visual outcome after SICS with PCIOL within six weeks.
Dr. Sriya Sridhar	Study of prevalence and causes of low vision among patients above 40years in rural Tumkur
Dr. Fijo Kuriakose	Study of clinical profile of POAG in patients with systemic hypertension
Dr Dhaval	Ophthalmic Manifestations In Pregnancy Induced Hypertension cases
Dr Arwin	Comparative study of Conjunctival autograft with subconjunctival resection of pterygium
Dr Swapnika	Comparative study of 0.8 and 5% phenylepherine with diluted concentration of .4% tropicamide and 2.5% phenylepherine
Dr Isha	Comparative Study of homide and combination of homide with paracaine on mydriasis

29. **Awards/ Recognitions received at the national and international level**: D r Sandhya R fellowship in vitreo retina DNB.

30. **Seminars/ Conferences/ workshops organized and the source of funding (national/international) with details of outstanding participants, if any**: Eye donation campaign conducted in September 2014, was graced by Dr G Shivprasad- Chancellor of Sri Siddhartha university and Dr Bhujang Shetty- Founder Chairperson of Narayan Netralaya , Attended by all the faculty members and students.

31. **Code of ethics for research followed by the departments**: YES

32. **Student profile course-wise:**

Name of the Programme (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	female	Male	Female
MBBS				-	
MS		02	0	100%	
DLO		0	2	100%	

33. **Diversity of students**

Name of the Course (refer to questions no.4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
MS	NIL	50	50	NIL
DOMS	NIL	0	100	NIL
UG				

34. How many students have cleared Civil Services and Defense services examinations, NET, SET, AT and other competitive examinations?

35. Student progression

Students progression	Percentage against enrolled
UG to PG	-
PG to M. Phil	-
PG to Ph. D	-
Ph. D. to Post-Doctoral	-
Employed • Campus Selection • Other than campus recruitment	 - 100%
Enterpreneurs	-

35.How many students have cleared Civil Services and Defence sevices examinations, NET,SET,GATE and other competitive examination ?

Students enter the institute by giving competitive exam SSAHE Entrance

Post graduate students selected for Fellowship

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	0%
From other universities within the state	87.5%%
From universities from other states	12.5%
From universities outside the country	-FRCS – I Glasgow.Dr Sandhya R

36. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: D Sandhya R awarded PG Diploma in Medical Law and Ethics.

37. Present details of infrastructural facilities with regard to

a. Library: Department library with 180 books ,all the latest edition books included in the library, the central library has total of 23904 books of which 803 books are ophthalmology. 200 journals are subscribed by the library of which 9 are ophthalmology inclusive of national and international journal.

b. Internet facility for staff and students : High speed WIFI available all around the campus and for departmental uses. Library is equipped with 20 computers with WIFI facilities for the faculties and students use. Availibility of e- journals subscription and easy access to to them available.

c. Total number of class rooms- 02

d. Class rooms with ICT facility: All the classrooms are provided with over head projectors , and OHPs. Class rooms are also provided with computer desk tops. Adequate seating facilities and well illuminated class rooms are available

e. Students' laboratory- Laboratory facilities well equpped with instruments are available for training of students, the central laboratory has good sample load and provides adequate clinical material for students training . Laboratories for anatomy ,biochemistry, physiology, pathology ,pharmacology Forensic medicine and microbiology available. Wet lab facilities in department for surgical training of the post graduated is available. Phacoemulsification machine in the wet lab for advanced training in cataract for post-graduate students.

f. Research laboratories: Central research facility present with availability of all newer investigation modality for research purposes.

38. List of doctoral, post-doctoral students and Research Associates ;

a) From the host university: 10(post graduates) all the M.S students are research fellows and diploma candidates are also provided with research topics to be pursued during their training programme.

b) From other universities: NIL

39. Number of post graduates students getting financial assistance from the university: all the 8 research candidates are conducting their research with the grants from the university

Was any need assessment exercise undertaken before the development of new programmmes(s) If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group academicians and concerned subjects experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to the university which in turn will form a separate BOS for the proposed programme (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new programme.

42. Does the department obtain feedback from

h. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

i. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

j. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

40. List the distinguished alumni of the department (maximum 10)-Dr Jayashree Shah, Professor in Dept.

41. Give details of students enrichment programmes (special lectures/ workshops/ seminar) involving external experts.

Eye Donation campaign conducted on 3rd Sept' 14, Guest speaker Dr. Bhujang Shetty Founder chairman of Narayan Netralaya Institutes

Dr.Shilpa Kulkarni 24 th september– Lions Eye hospital & international eye bank

42. List the teaching methods adopted by the faculty for different programmes

Power point presentation, blackboard teaching, interactive teaching, small group discussions, surgical video demonstrations, OPD case discussions, inter departmental case discussions, surgical observation and guided performance under experts, Bed Side Clinics/ Wet lab facility, participation in national programmes by conducting camps.

43. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

By periodic review meetings, report assessments, student evaluations and formative assessments.The students are evaluated during the internal assesement conducted at the end of clinical postings and at the end of the semester. Tutorials conducted at the end of each theary topic to provide the students with the specific learning objectives from the given topic. Problem based learnings during the clinical term ensures adequate student participation and interaction with the teachers. Student projects based on the relevant curriculum topics ensures analytical thinking and research pursual by the students.

44. Highlight the participation of students and faculty in extension activities.

Weekly twice camps at Primary health care centers at Nagavalli and Maralur

Monthly four camps conducted from the department for comprehensive eye care services under NPCB at dedicated PHCs.

Diabetic Retinopathy screening program in Tumkur district , with DBCS collaboration

Post graduates and interns are a part of all the screening and surgical camps conducted by the department.

Peripheral posting of post-graduates for training in Regional institutes and Super specialty eye hospitals

45. Give details of 'beyond syllabus scholarly activities' of the department.- Participation of postgraduates and faculties in various national and state level CMEs, workshops, Symposium and conferences.

Annual Ophthalmology quiz and essay writing

Faculty involved in medical education improvement

46. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: Eye collection center affiliated to Dr. Rajkumar Eye bank, Narayan Natralaya Banglore

50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Research being done in areas of surgical techniques,, E.g Comparison of xylocaine drops VS gel for phacoemulsification our experience, and others….

51. Future plans of the department.

- To start surgical retina
- To start fellowship programmes
- To increase the community service
- Establishment of eyebank

52. Detail any five Strengths, Weakness, Opportunities and challenges (SWOC) of the department.

Strength

Manpower

Dedicated and well trained Faculty members

Undergraduate and post-graduates

Students

Infrastructure

Large Rural Community

Weakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

Opportunities

To improve the infrastructure

Staff Skill development

super speciality services

certificate courses

Challenges

Language & skills for supportive staff

Corporate eye hospitals

Emerging new medical colleges

Evaluative Report of Oto-Rhinolaryngology (ENT)

1. **Name of the Department** OTO-RHINOLARYNGOLOGY (ENT)
2. **Year of establishment** 1998
3. **Is the Department part of a School/Faculty of the university?** : Department of Ent, Sri Siddhartha Medical College.
4. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

   UG MBBS

   PG MS & DLO
5. **Interdisciplinary courses and departments involved**:

   MS (ENT) in collaboration with Anesthesia, Maxillofacial Surgery, Neurosurgery
6. **Courses in collaboration with other universities, industries, foreign institutions, etc :** Nil
7. **Details of programs / course discontinued, if any, with reasons :** Nil
8. **Annual/ Semester/Choice Based Credit System:** As per MCI/University Guidelines
9. **Participation of the department in the courses offered by other departments :**

   MDS, Anatomy, pathology
10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

Designation	Sanctioned	Filled	Actual
Professor	2	2	2
Associate Professors	2	1	1
Asst. Professors	2	3	3
Sr. Resident	2	2	2
Jr. Resident	6	6	6

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Littl Ph.D./M.Phil , etc.)

Name	Qualification	Designation	Specialization	No of years of Experience of PHD	No of MD Students guided for the last 4 years
Dr.Mohan M	MBBS, MS	Prof. and HOD	ENT	15	5
Dr.Jyothi Swarup R.	MBBS, DLO, DNB	Professor	ENT	14	3
Dr.Narayana Swamy G.N	MBBS, MS	Asso.Prof.	ENT	9	2
Dr.Swaroop Dev M	MBBS, MS	Asst.Prof.	ENT	4	NIL
Dr. Sathyaki	MBBS, MS	Asst.Prof.	ENT	3	NIL
Dr.Mereen Susan Roy	MBBS, MS	Asst.Prof.	ENT	2	NIL
Dr.Rekha L	MBBS, DLO	Sr. Resident	ENT	4	NIL
Dr.Saumya V. Chandu	MBBS, DLO	Sr. Resident	ENT	4	NIL
Dr. Vandana Mohta	MBBS	Jr. Resident			
Dr. Vishnu Kumar	MBBS	Jr. Resident •			
Dr. Sanu P Moideen	MBBS	Jr. Resident			

Dr. Nibha Raghu	MBBS	Jr. Resident			
Dr. Navpreet Kaur	MBBS	Jr. Resident			
Dr. Saumya S	MBBS	Jr. Resident			

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors**: As per the university adjunct faculty list
13. **Percentage of classes taken by temporary faculty — program-wise information** : NIL
14. **Program-wise Student Teacher Ratio** 12:1 for UG's 1:1 for PG's
15. **Number of academic support staff (technical) and administrative staff: sanctioned and filled**

SI. No	Designation	Sanctioned	Filled
1	Academic support staff	01	01
2	Administrative staff	01	01

16. **Research thrust areas recognized by funding agencies**-NIL

Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

RNTCP Funded projects

- Comparative evaluation of FNAC and Excision biopsy in Chronic Cervical Lymphadenitis

Ongoing projects

- Efficacy of Modified Toluidine Blue as a Screening tool in oral cavity malignancies – Dr. Sanu P Moideen (PG)
- PTA as a predictor of ossicular erosion n Mucosal type of COM – Dr. Nibha
- A study on clincal profile of DNS and to determine the efficacy of surgery-Dr.Vandana Mohta
- Audiological profile in COM- Dr.Vishnukumar Nair

List of ongoing	2014-2015		Dr Mohan

projects			1. Role of characteristic tobacco chewing in association of oral cancer – A hospital based case – control study Dr Jyothi Swarup 1. Screening tympanogram in early detection of OAE in school going age group in rural area. Dr Narayana Swamy G. N 1. Evaluation of Modified Toluidine Blue Supravital staining as a screening method for Oral Cancers in High Risk Groups in three taluks in Tumkur district – Cross sectional community based study. Dr. Swaroop Dev 1. Effect of tinnitus on quality of life in adults. Dr. Sathyaki 1. Study of rhinological disorders in patients presenting with headache. Dr. Mereen Susan Roy 1. Oral submucous fibrosis – A clinical study and effectiveness of treatment with Injection dexamethazone or injection triamcinalone.

Inter-institutional collaborative projects and grants received

a) All India collaboration b) International : NIL

Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received. : NIL

Research facility / centre with

- state recognition : NIL
- national recognition : NIL
- international recognition : NIL

17. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

22. Publications:

- Number of papers published in peer reviewed journals (national / international)
  - 16 papers in National / 1 paper on processing stage.
  - Monographs -1
  - Chapters in Books – 1
  - Edited Books – 1
  - Books with ISBN with details of publishers
  - Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - Citation Index — range / average
  - SNIP
  - SJR
  - Impact Factor—range / average h-index

International publication	2014-2015		
	2013-2014		
	2012-2013		Dr Jyothi Swarup R 1. Myringosclerosis: An indication of a blocked aditus, Indian J Otolaryngol Head Neck Surg
	2011-2012		
	2010-2011		Dr Narayanswamy.G.N 1. COM and middle ear malignancy: Is COM a precursor of ME malignancy. Journal of Laryngology otology
National publication	2014-2015		Dr. Jyothi Swarup R 1. An unusual site of epidermoid cyst. Journal of evolution of medical and dental sciences. 2. Otomycosis-Mycological spectrum

			aetio-pathological factors and management. Journal of evolution of medical and dental sciences. 3. Epidermoid cysts of head and neck. Journal of evolution of medical and dental sciences.
	2013-2014	5	Dr. Mohan 1. Unusual presentation of lupus of nose in father and son. Journal of evolution of medical and dental sciences. 2. A clincalprofile of oral ulcers in a tertiary caare centre. Journal of evolution of medical and dental sciences.
			Dr. Jyothi Swarup R 1. Lipoma of the submandibular space 2. Epidermoid cysts of head and neck 3. An unusual site of epidermoid cyst 4. A rare case of vascular hamartoma of nasal cavity 5. Effectiveness of chloroxylenol and chlorhexidine – cetrimide disinfectants of fungal isolates from clinically suspected cases of uncomplicated otomycosis
			Dr. NaryanaSwamy G. N 1. Endemic of rhinosporidiosis-A clinicopathological profile of 38 cases. Journal of evolution of medical and dental sciences 2. A clinicopathological profile of sinonasal and nasopharyngeal masses in

			a rural tertiary centre. Journal of evolution of medical and dental sciences 3. A study of the complications of ribbon gauze impregnated with soframycin nasal packing and merocel packing in post septoplasty patients. Journal of evolution of medical and dental sciences.
			Dr. Swaroop Dev M 1. A study of the complications of ribbon gauze impregnated with soframycin nasal packing and merocel packing in post septoplasty patients. Journal of evolution of medical and dental sciences 2. A Study of prevalence of ear diseases in rural school going children of Tumkur district. Journal of evolution of medical and dental sciences
			Dr. Sathyaki 1. A comparative study of endoscopic septoplasty versus conventional septolasty. Indian journal of otolaryngology and head and neck surgery. 2. Epidermoid cysts of head and neck. Journal of evolution of medical and dental sciences. 3. Ossicular defects and audiological profile of chronic otitis media. Journal of evolution of medical and dental sciences.

			4. Lipoma of the submandibular space. Journal of oral and maxillo-facial pathology 5. A rare case of vascular hamartoma of nasal cavity. Journal of evolution of medical and dental sciences.

23. Details of patents and income generated : NIL

24. Areas of consultancy and income generated : NIL

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad : NIL

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Staff members are members of AOI, Tumukuru Branch.

27. Faculty recharging strategies

Faculty participate in Faculty Development Programs (FDP) conducted by the Medical Education Unit of Sri Siddhartha Medical College

Faculty also participate in various National and International conferences to keep themselves updated in the subject

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects -100% of MS Students
- percentage of students doing projects in collaboration with other universities / industry / institute

Student projects	2014-2015		1. Incidence of neonatal deafness in SSMC 2. Deafness in traffic police in Tumkur city 3. Ototoxic drugs usage in general practice. 4. Tobacco consumption among doctors in SSMC. 5. Correlation between allergic rhinitis and

			asthma. 6. Causes of sudden sensory neural hearing loss. 7. ENT manifestations of HIV. 8. Audiological profile in school going children of Heggere. 9. Migraine in pediatric age groups. 10. Correlation between Oral submucous fibrosis and Gutkha chewing.

29. Awards / recognitions received at the national and international level by

- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any - Every year surgical workshop organized in collaboration with AOI, Tumukuru Branch

31. Code of ethics for research followed by the departments:

As prescribed by the Institutional ethical committee and various apex National agencies

32. Student profile course-wise:

Name of the programme (refer to question no : 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	**Female**	**Male**	**Female**
MBBS					
MS (ENT)		02	02		
DLO (ENT)		02	02		

33. Diversity of students

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: NIL

35. Student progression

Student Progression	**Percentage against enrolled**
UG to PG	05%
PG to M.Phil	Nil

PG to PhD	01
PhD to Post Doctoral	Nil
Employed Campus Selection Other than campus recruitment	100%
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	7%
From other universities within the state	79%
From universities from other states	7%
From universities outside the country	7%

37. Number of faculty who were awarded Ph.D., D. Sc. and D.Litt. during the assessment period: NIL.

38. Present details of infrastructural facilities with regard to

- Library - Central & Departmental Library with 1068 and 169 books respectively.
- Internet facilities for staff and students – Present
- Total number of class rooms – 02
- Class rooms with ICT facility – 02
- Students' laboratories – 01
- Research laboratories - 01

39. List of doctoral, post-doctoral students and Research Associates

- from the host university -NIL
- from other universities - NIL

40. Number of post graduate students getting financial assistance from the university. NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians and concerned subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the

recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

k. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

l. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

m. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

42. List the distinguished alumni of the department (maximum 10) : NIL

43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts :

Sl. No	Date of conducting and place	Workshop / CME etc	Topic	No of attendants

1	Otorhino Workshop – 2014	Live surgical workshop in Association with AOI, Tumukuru Branch	Surgeries conducted : 1] Tympanoplasty with MRM 2] Stapedectomy 3] Facial nerve decompression 4] Endoscopic septoplasty 5] Beyond FESS	150

44. List the teaching methods adopted by the faculty for different programmes.

- Power point teaching.
- On board teaching.
- Theory Class, Group Discussion, Clinicals, Tutorials, Seminars, Viva Voce, Journal Club, Case Discussion.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The students are assessed periodically through internal assessment tests and at the end of the programme with the annual examinations wherein both theory and practical skills are assessed

47. Highlight the participation of students and faculty in extension activities.

Apart from the academic activities the faculty and students are involved in other activities including social awareness program, awareness program for compulsory helmet wearing, Blood donation camps, Cultural and sports activities

48. Give details of "beyond syllabus scholarly activities" of the department. The students attend clinical meets of AOI and in other research activities, and hands on dissection workshops

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department has 16 publications. The department trains both UG and PG students to apply the knowledge gained during training for treatment of patients.

51. Future plans of the department.

Our vision is to upgrade the department to a National level institute where PG students can be trained in various specialties of ENT. We also wish to start palliative care centers for terminal cancer patients, regional center of excellence for rehabilitation of hearing impaired individuals as part of national deafness control programme.

52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Excellent UG & PG teaching
2. Doing all types of surgeries
3. Handling all emergency cases.

Opportunities

1. Endoscopic Surgeries
2. Head & Neck surgeries

Challenges

1. Cochlear Implant Surgeries
2. Endoscopic Skull Base Surgeries.

Wakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

Evaluative Report of RADIODIAGNOSIS

1. **Name of the Department** Radiodiagnosis
2. **Year of establishment** 2001
3. **Is the Department part of a School/ Faculty of the university?** Yes, Part of Sri Siddhartha Medical College
4. **Names of programmes offered (UG, PG, M. Phil, Ph.D, Integrated Masters, Integrated Ph.D, D. Sc, D. Litt. etc.)**

UG MBBS

PG MD (Radiodiagnosis) DMRD

5. **Interdisciplinary programmes and departments involved**: NIL
6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.: NIL
7. **Details ofprogrammes discontinued, if any, with reasons:** NIL
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**

   As per MCl/University Guidelines
9. **Participation of the department in the courses offered by other departments:** NIL
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	**Filled**	
Professor	01	05	
Associate Professor	02	04	
Asst. Professor	03	01	
Tutors/Sr. Residents	07	07	
Junior Residents			

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Sl. No	*Name*	Qualifi-cation	Desig-nation	Speciali-zation	No. of Years of	No. of Ph.D./ MD students guided
1	**Dr.H T Narayana**	M.DRD	Professor & HOD	Radio - Diagnosis	25	4
2	Dr.A T Krishna	M.DRD	Professor	Radiodiagnosis	40	4
3	Dr.Gurushankar	M.DRD	Professor	Radio - Diagnosis	34	1
4	Dr.N. K Sridhar	M.DRD	Professor	Radio - Diagnosis	15	1
5	Dr.Srinivas babu T	M.DRD	Professor	Radio - Diagnosis	10	Nil
6	Dr .V Kumar	M.DRD	Assosiate Professor	Radio - Diagnosis	10	Nil
7	Dr.Rajashekar .M	M.DRD	Assosiate Professor	Radio - Diagnosis	9	Nil
8	Dr.S H Anand	M.DRD	Assosiate Professor	Radio - Diagnosis	7	Nil
9	Dr.S .Banuprakash	M.DRD	Assosiate Professor	Radio - Diagnosis	4	Nil
10	Dr.Ashwin Kumar T S	DMRD ,DNB	Asst Professor	Radio - Diagnosis	1.5	Nil
11	Dr. Kotturappa	DMRD	Senior Resident	Radio - Diagnosis	4	Nil
12	Dr.G V Madhuvan	DMRD	Senior Resident	Radio - Diagnosis	8	Nil
9	Dr. Sashirekha	DMRD	Senior Resident	Radio - Diagnosis	12	Nil
10	Dr.Chandrakala p	DMRD	Senior Resident	Radio - Diagnosis	5	Nil

11	Dr. Ravishankar B	DMRD	Senior Resident	Radio - Diagnosis	5	Nil
12	Dr. Satish B	DMRD	Senior Resident	Radio - Diagnosis	4	Nil
13	Dr.Punith B R	DMRD	Senior Resident	Radio - Diagnosis	3	Nil

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors**: As per the university adjunct faculty list
13. **Percentage of classes taken by temporary faculty-programme-wise information**: NIL
14. **Programme-wise Student Teacher Ratio: MBBS-15:1, MD, DMRD -1: 2,**
15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

SI. No	Designation	Sanctioned	Filled
1	Academic support staff	08	15
2	Administrative staff	01	01

16. **Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration:** NIL
17. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received**: NIL
18. **Research facility / centre with**: NIL
21. **Special research laboratories sponsored by / created by industry or corporate bodies:** NIL
22. **Publications:**

- Number of papers published in peer reviewed journals (national / international)
  National: NIL International: 1
- Monographs —NIL
- Chapters in Books —NIL
- Edited Books — NIL

19. Books with ISBN with details of publishers **Research thrust areas as recognized by major funding agencies**: NIL

20. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise**: NIL

List of ongoing projects	2010-2015		Separate list is forwarded to the principal- Annexure -1

- — NIL
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL

23. Details of patents and income generated:

Number of patents granted: NIL

Number of patents filed: NIL

24. **Areas of consultancy and income generated:** NIL

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / Industries in India and abroad:** NIL

26. **Faculty serving in update:**

a) National committees-

Dr.Narayana H T –Central council member IRIA New Delhi.

Governing council member for Indian college of radilogy

Dr. G Gurushankar - Central council member IRIA New Delhi.

b) International committees c) Editorial Boards d) any other (please specify)NIL

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):**

The faculties are regularly attending Workshops and Seminars conducted by other institutions and universities.

28. **Student projects:**

- Percentage of students who have done in-house projects including inter-departmental projects : PG-100%
- Percentage of students doing projects in collaboration with other universities / industry / institute: NIL

29. Awards / recognitions received at the national and international level by

1. Dr.Narayana H T - Delivered talks as faculty in various conferences.
2. Dr.Anand S H, was KMC observer for various conferences.
3. Best organizing secretory for IREP programe.
4. Dr. Banuprakash S, was KMC observer for various conferences.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

Sl no	Name of conference/CME/ Workshop/guest lecture	Date	Place	Eminent guest faculty
1	Residents education programme	8th and 9th June 2013	SSMC Tumkur	Dr.Shyam kumar, Dr Aparna, Dr.Indhushekar, Dr. Srinivas babu, Dr.Sunithi Mani,
2	Gastro-radiology CME	23rd November 2014	Tumkur	Dr.Indushekar , Dr.Ravindra ,Dr Girish , Dr. H . T Narayana

31. Code of ethics for research followed by the departments: YES

As per various National Governing bodies and Institutional Ethical Committee guidelines

32. Stud]ent profile programme-wise:

MD		**2**	**2**	-	-
DMRD)		3	1	-	-
BSc Imaging		4	1	-	-

33. Diversity of students:

Name of the Course (refer to	**% of students from the**	**% of students from other universities**	**% of students from universities**	**% of udents from other**
DMRD	Nil	75%	25%	Nil
MD	Nil	75%	25%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

NIL

35. Student progression:

Student progression	Percentage against **enrolled**
UG to PG	
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
EmployedCampus selection ● Other than campus recruitment	100%
Entrepreneurs	-

36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	98
from universities from other States	2
from universities outside the country	

37. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library: YES
No. of reference books: 800
No. of books for circulation: All

b) Internet facilities for staff and students: YES

c) Total number of class rooms: 02

d) Class rooms with ICT facility: 01

39. List of doctoral, post-doctoral students and Research Associates: NIL

40. Number of post graduate students getting financial assistance from the University: 100%

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians & the subject experts. The recommendations of these experts will be

forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

n. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

o. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

p. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10): Dr. Sunil Kumar

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts: NIL.

45. List the teaching methods adopted by the faculty for different programmes:

LCD Projector, Group discussion, class room teaching, laboratory training and hands on experience.

46. How does the department ensure that programme objectives are constantly

met and learning outcomes are monitored?

Seminars and Journal clubs discussion.

Clinical Case Meets

Day to day case discussions.

47. Highlight the participation of students and faculty in extension activities. Apart from the academic activities the faculty and students are involved in other activities including social awareness programs. Cultural and sports activities .

Extension activities	2011-2012 2012-2013		Conducted MEDEX Conducted MEDEX, Youth festival

48. Give details of "beyond syllabus scholarly activities" of the department. The students attend clinical meets and radiology updates organized by KEEF

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details; NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

> The Department is involved in teaching undergraduate and post graduate programmes which is useful for producing good radiologists for society

> Publications and presentations at conferences, seminars and clinical meets

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. Well qualified and experienced Faculty.
2. Regular teaching programs and interactive sessions.
3. Adequate infrastructure like CT Scan, MRI and latest radiological techniques

Weakness– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

52. Future plans of the department.

1. Establish state of art radiological facilities at SSMC Hospital
2. To establish the facilities for research
3. To establish a Centre of Excellence for research in medical imaging.

Evaluative Report of Anaesthesiology

1. **Name of the Department** Anaesthesiology

2. **Year of establishment** 2001

3. **Is the Department part of a School / Faculty of the university?** Department of Sri Siddhartha Medical College

4. **Names of programmes offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D. Litt., etc.)**

UG	MBBS
PG	MD (Anaesthesiology)
DA	(Diploma in Anaesthesiology)

5. **Interdisciplinary programmes and departments involved**:NIL
6. **Courses in collaboration with other universities, industries, foreign institutions, etc**. NIL
7. **Details ofprogrammes discontinued, if any, with reasons**: NIL
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** As per MCl/University Guidelines
9. **Participation of the department in the courses offered by other departments**:NIL
10. **Number of teaching posts sanctioned, filled and actual**

(Professors/Associate Professors/Asst. Professors/others):

Designation	**Sanctioned**	**Filled**	**Actual (including**
Professor	01	05	-
Associate Professor	02	03	-
Asst. Professor	06	06	-
Senior Residents	12	12	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Sl. No.	Name	Qualifi-cation	Desig-nation	peciali- zation	No. of Years of Expe-rience	No. of Ph.D./ MD students guided for the last 4 years
1.	Dr.S.B Gangadhar	MBBS, MD	Professor & Head	Anaesthesiology	31 years 6 months	2
2.	Dr.C.N Ramesh	MBBS MD	Professor	Anaesthesiology	18years 6 mnths	1
3.	Dr.Paramesh	MBBS MD	Professor	Anaesthesiology	18 years 4 months	1
4.	Dr.Prakash B.C	MBBS, MD	Professor	Anaesthesiology	15 years 7 months	2
5.	Dr.Shivaleela H	MBBS, MD	Professor	Anaesthesiology	15 years	1
6.	Dr.Srinivas	MBBS, MD	Assoc. Professor	Anaesthesiology	12 years	NIL
7.	Dr.KrishnaMurthy	MBBS, MD	Assoc. Professor	Anaesthesiology	10 years	NIL
8.	Dr.Sujay	MBBS, MD	Assoc. Professor	Anaesthesiology	7 years 9 months	NIL
9.	Dr. Kulkarni Vandana	MBBS, MD	Asst. Professor	Anaesthesiology	7 years 4 mnths	NIL
10.	Dr.B.S Shivakumar	MBBS, MD	Asst. Professor	Anaesthesiology	4 years	NIL

11.	Dr.Smith Dyavaiah Partil	MBBS, MD	Asst. Professor	Anaesthesiology	7 years 2months	NIL
12.	Dr.Sajjan Prashant.S	MBBS, MD	Asst. Professor	Anaesthesiology	4 years	NIL
13.	Dr.Amitha.S	MBBS, MD	Asst. Professor	Anaesthesiology	1 year 11 months	NIL
14.	Dr.Abhishek M.S	MBBS, MD	Asst. Professor	Anaesthesiology	11 months	NIL

months

*Tutors list has not been included

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors: As per the university adjunct faculty list** :NIL
13. **Percentage of classes taken by temporary faculty — programme-wise information:** NIL
14. **Programme-wise Student Teacher Ratio:** MBBS — 11:1, MD — 1:1,
15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

Sl. No.	Designation	Sanctioned	Filled
1	Academic support staff	0	0
2	Administrative staff	0	0

16. **Research thrust areas as recognized by major funding agencies:** NIL
17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:** NIL

List of ongoing projects	2014-2015	ONGOING	RANDAMOIZED CONTROL TRAIL FOR POST OPERATIVE NAUSEA AND VOMITING BETWEEN GABAPENTIN AND PALANOCETRON VERSUS GABAPENTIN AND

			PLACEBO
	2013-2014	ONGOING	COMAPRISON OF INTRATHECAL ADMINISTRATION OF BUPIVACAINE WITH CLONIDINE AND BUPIVACAINE WITH DEXMEDITOMIDINE TO PROLONG THE DURATION OF ANALGESIA IN GYNAECOLOGICAL SURGERIES
	2012-2013	COMPLETED	COMPARITIVE STUDY TO EVALUVATE SAFETY AND EFFICACY OF CISATRACURIUM BESYLATE VERSUS ATRACURIUM BESYLATE FOR NEUROMUSCULAR BLOCKADE IN PATIENTS UNDERGOING DIAGNOSTIC OR THERAPEUTIC SURGICAL PROCEDURES
	2011-2012	COMPLETED	RANDOMISED CONTROL TRAIL USING BUPIVACAINE IN SPINAL ANAESTHESIA WITH AND WITHOUT INTRAVENOUS DEXMEDETOMIDINE IN LOWER ABDOMINAL SURGERIES
	2010-2011	COMPLETED	EFFECT OF THREE DIFFERENT DOSES OF 0.75% ROPIVACAINE IN LOW THORACIC EPIDURAL ANAESTHESIA

18. **Inter-institutional collaborative projects and associated grants received a) All india collaboration b) International** : NIL
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, AICTE, etc.; total grants received**: Nil
20. **Research facility / centre with:**

- state recognition NIL
- national recognition NIL
- international recognition NIL

21. **Special research laboratories sponsored by / created by industry or corporate bodies:** NIL
22. **Publications:**

- Number of papers published in peer reviewed journals (national / international)

National: 3 International: 0

- Monographs —NIL
- Chapters in Books — 0
- Edited Books —NIL
- Books with ISBN with details of publishers —NIL
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 10
- Citation Index — range / average: Range: 1 — 2 Average: 1.1
- SNIP
- SJR
- Impact Factor — range / average:
  Range: 0 — 2.5 Average: 0.7
- h-index: Range: 0 — 40 Average: 5

National publication	2014-2015	2	SODIUM CORRECTION – CALCULATION MADE EASY
		2	INTRAVENOUS PROPOFOL INFUSION FOR SEDATION IN SPINAL ANAESTHESIA
		1	JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES
	2013-2014	1	EDITOR IN KARNATAKA ANAESTHESIA JOURNAL – ONDINE 'S CURSE REVISED
	2012-2013	1	FRAUD IN ANAESTHETIC RESEARCH AND PUBLICATION
	2011-2012	1	RAPID EMERGENCE OF DAY CARE ANAESTHESIA

23. **Details ofpatents and income generated:** NIL

24. **Areas of consultancy and income generated:** NIL

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / Industries in India and abroad**: NIL

26. **Faculty serving in update:**

a) **National committees b) International committees c) Editorial Boards d) any other (please specify):**

DR. S. B GANGADHAR – NATIONAL GOVERNING COUNCIL MEMBER - ISA

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):**

The faculties are regularly attending Conferences, Workshops and National and International Seminars conducted by other institutions and universities. Every faculty is entitled to receive financial support from the university once in a year for national events and once in three years for international events.

28. **Student projects:**

- Percentage of students who have done in-house projects including inter-departmental projects : NIL
- Percentage of students doing projects in collaboration with other universities / industry / institute: NIL

24	Student projects	2014-2015	1	RANDAMOIZED CONTROL TRAIL FOR POST OPERATIVE NAUSEA AND VOMITING BETWEEN GABAPENTIN AND PALANOCETRON VERSUS GABAPENTIN AND PLACEBO
		2013-2014	1	COMAPRISON OF INTRATHECAL ADMINISTRATION OF BUPIVACAINE WITH CLONIDINE AND BUPIVACAINE WITH DEXMEDITOMIDINE TO PROLONG THE DURATION OF ANALGESIA IN GYNAECOLOGICAL SURGERIES
		2012-2013	1	COMPARITIVE STUDY TO EVALUVATE SAFETY AND EFFICACY OF CISATRACURIUM BESYLATE VERSUS ATRACURIUM BESYLATE FOR NEUROMUSCULAR BLOCKADE IN PATIENTS UNDERGOING DIAGNOSTIC OR THERAPEUTIC

				SURGICAL PROCEDURES
		2011-2012	1	RANDOMISED CONTROL TRAIL USING BUPIVACAINE IN SPINAL ANAESTHESIA WITH AND WITHOUT INTRAVENOUS DEXMEDETOMIDINE IN LOWER ABDOMINAL SURGERIES
		2010-2011	1	EFFECT OF THREE DIFFERENT DOSES OF 0.75% ROPIVACAINE IN LOW THORACIC EPIDURAL ANAESTHESIA

29. Awards / recognitions received at the national and international level by

- Faculty: 1
  DR.S.B GANGADHAR – FELLOWSHIP IN INDIAN COLLEGE OF ANAESTHESIOLOGISTS
- Doctoral / post doctoral (PDF): NIL
- Students:NIL

Awards	2014-2015	1	EDITIOR IN CHIEF - KJA (2013-2017) NATIONAL GOVERNING COUNCIL MEMBER(2013-2017) EDITOR-KJA
	2013-2014	1	EDITIOR IN CHIEF - KJA (2013-2017 NATIONAL GOVERNING COUNCIL MEMBER(2013-2017) EDITOR-KJA
	2012-2013	1	FELLOWSHIP OF INDIAN COLLEGE OF ANAESTHESIOLOGISTS
	2011-2012	1	GOVERNING COUNCIL MEMBER – SAARC ASSOCIATION OF ANAESTHESIOLOGISTS
	2010-2011	1	PRESIDENT KJA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

PG EXCEL 2014 funded by institution and delegates

Conferences attended	2014-2015	15	ISACON - MADURAI SOUTH CONFERENCE ISA – VISHAKAPATTINAM 5TH NATIONAL CONFERENCE ICA BANGALORE CRITICAL CARE – JAIPUR KISACON-DHARWARD CRITICARE - JAIPUR
	2013-2014	17	61ST ISA CONFERENCE GUWHATI CME ON TRAUMA AND CRITICAL CARE – BMC BANGALORE ISA SPONSERED CME TUMKUR CRITICARE - KOLKATA
	2012-2013	11	SOUTH ZONE ISA- COIMBATORE KISACON 2012 WFSA CONFERENCE - ARGENTINA
	2011-2012	6	58th ISA CONFERENCE MUMBAI SOUTH ZONE CONFERENCE ISA ERODE PG EXCEL 2011 ICA CONFERENCE – DEHRADOON CME ON PATIENT SAFETY
	2010-2011	7	KOLAR KISACON 58TH NATIONAL CONFERENCE LUCKNOW

			SOUTH ZONE CONFERENCE-KERALA
Conferences / workshops conducted	2014-2015		
	2013-2014	1	ORGANISING SECRETARY – PG EXCEL 2014
	2012-2013	1	ORGANISING TREASURER PG EXCEL 2013

31. Code of ethics for research followed by the departments: YES As per various National Governing bodies and Institutional Ethical Committee guidelines

32. Student profile programme-wise: 2014-15 Regulars

Name of the Programme (refer to question no. 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	Female	**Male**	**Female**
MBBS	-	-	-	-	-
MD		1		100%	
DA		3		100%	

33. Diversity of students:

Name of the Programme (refer to question no. 4)	**% of students from the same university**	**% of students other from oer universities**	**% of students f rom universities outside the State**	**% of students from other countries**
MBBS (14-15)	-	-	-	-
MD	-	-	100%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: NIL

35. Student progression:

Student progression	**Percentage against enrolled**
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection	- 100%
Entrepreneurs	-

36. Diversity of staff: NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: NIL

Percentage of faculty who are graduates	
Of the same university	
From other universities within the state	10%
From universitities from other states	90%
From universities outside the country	

38. Present details of departmental infrastructural facilities with regard to

a) Library: Yes

No. of reference books: 150

No. of books for circulation: NIL

b) Internet facilities for staff and students: NIL

c) Total number of class rooms: 01

d) Class rooms with ICT facility: NIL

e) Students' laboratories: NIL

f) Research laboratories: NIL

39. List of doctoral, post-doctoral students and Research Associates: NIL

40. Number of post graduate students getting financial assistance from the University: NIL

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Before offering a new program, the university initiates discussions with a group of academicians and subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the field from both outside and within the university. After completing the exercise, the recommendation of the

expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

q. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

r. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

s. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of

studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10):

DR.REKHA – GOLD MEDAL IN DA EXAMINATIONS CONDUCTED BY SSU

DR.SARITA- GOLD MEDAL IN DA EXAMINATIONS CONDUCTED BY SSU

44. Give details of student enrichment programmes (special lectures /workshops / seminar) involving external experts.

WORKSHOPS

PG EXCEL

ANNUAL CME (BEORATE)

NATIONAL , ZONAL AND STATE CONFERENCES

45. List the teaching methods adopted by the faculty for different programmes:

Use of LCD Projector, Group discussion, class room teaching, Internet facility, Bed side clinics, Seminars, Journals, Multimedia & other modern Teaching aids are being used for teaching.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Evaluating by internal assessment examination, clinical examination, and viva voce

47. Highlight the participation of students and faculty in extension activities.

Apart from the academic activities the faculty and students are involved in other activities including social awareness program conducted by NSS, Blood Donor's Club and Health awareness programme

Extension activities	2014-2015	4	BLOOD DONATION CAMP, AWARNESS REGARDING ANESTHESIA TO THE PUBLIC, ORGAN DONATION, STEERT PLAYS AND SKITS REGARDING ANAESTHESIA AWARNESS
	2013-2014	4	BLOOD DONATION CAMP, AWARNESS REGARDING ANESTHESIA TO THE PUBLIC, ORGAN DONATION, STEERT PLAYS AND SKITS REGARDING

			ANAESTHESIA AWARNESS
	2012-2013	3	BLOOD DONATION CAMP, AWARNESS REGARDING ANESTHESIA TO THE PUBLIC, ORGAN DONATION, STEERT
	2011-2012	3	BLOOD DONATION CAMP, AWARNESS REGARDING ANESTHESIA TO THE PUBLIC, ORGAN DONATION, STEERT
	2010-2011	3	BLOOD DONATION CAMP, AWARNESS REGARDING ANESTHESIA TO THE PUBLIC, ORGAN DONATION, STEERT PLAYS AND SKITS REGARDING ANAESTHESIA AWARNESS

48. Give details of "beyond syllabus scholarly activities" of the department.

BOS member for KLE, SSU, RGHUS, DEVARAJ URS universities.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

> Invited speaker for delivering recent advances in Anaesthesiology

> Conducting seminars, workshop for updating current scenario

> Attending state, national and international conference to interact with eminent personalities

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. Well qualified and experienced Faculty.
2. Adequate infrastructure with well equipped operation theatres
3. State of the art facilities
4. High end work stations
5. High end monitors
6. High end ventilators

Weakness– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate

authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

Opportunities

1. State of the art operation theatres and sofisticated instruments can be utilised to conduct research and workshops of high standards
2. State level continuing medical education programmes can be conducted

Challenges of the department

1. To implent interdisciplinary programmes
2. To include advanced informative and summative resident assessment like DOPS, mini cex, MSF , 360 degree analysis
3. To increase the amount of research output
4. To start a simulation lab with high fidelity mannequins 52.

Evaluative Report of Obstetrics & Gynecology

1. **Name of the Department** OBG
2. **Year of establishment** 1988
3. **Is the Department part of a School/Faculty of the university?**
   Department of OBG is the faculty of sri siddartha university
4. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
   UG : MBBS
   PGMS (Obstetrics & Gynaecology),
   Diploma (OBG)
5. **Interdisciplinary courses and departments involved –planning underprocess- 1.diploma in human genetics with dept of anatomy**
6. **Courses in collaboration with other universities, industries, foreign institutions, etc. Planning for fellowship in gynec endoscopy with B Ramesh laproscopic centre, Rajajinagar, Bangalore**
7. **Details of programmes / courses discontinued, if any, with reasons : NIL**
8. **Annual/ Semester/Choice Based Credit System :** Annual-As per MCI University Guidelines
9. **Participation of the department in the courses offered by other departments**
   Radiodiagnosis, Pathology, microbiology, Paediatrics,Anaesthesia , community **Medicine,medicine,surgery.**
10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

	Sanctioned	Filled	Actual
Professor	01	04	04
Associate Professors	03	03	03
Asst. Professors	07	07	07
Senior Resident	06	06	06
Junior Resident	09	13	13

11. **Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D. /M. Phil , etc.)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ MD students guided for the last 4 years
Dr.Nandagopal K M	MD MBBS	prof	OBG	33	4
Dr.Dwarkanath L	MBBS, MS	Prof.	OBG	17	3
Dr.Dhananjaya B S	MBBS, MS	Prof.	OBG	15	3
Dr.Padmini		Prof.	OBG	15	NIL
Dr.Vijaya laxmi		Asso. Prof.	OBG	14	NIL
Dr.OmkaraMurthy K	MBBS, MS	Asso. Prof	OBG	10	NIL
Dr.DurgaDas	MBBS, MS	Asso.Prof	OBG	15	NIL
Dr.Jayamma	MBBS, MS	Asst.Prof	OBG	7	NIL
Dr.Girish B L	MBBS, MS	Asst.Prof	OBG	7	NIL
Dr Indira	MBBS	Asst Prof	OBG	6	NIL
Dr.Abhinandan	MBBS, MS	Asst.Prof	OBG	7	NIL
Dr.Vasanth Kumar		Asst. Prof.	OBG	5	NIL
Dr.Sowmya.	MBBS, DNB	Asst.Prof	OBG	2	NIL
Dr.Hema K R	MBBS ,DNB	Asst.Prof	OBG	2	NIL
Dr.Pavana	MBBS, DGo	Sr.Resident	OBG	11	NIL
Dr.Somashekar	M B B S , D G O	Sr.Resident	OBG	4	NIL
Dr.Suman R K	MBBS, DGO	Sr.Resident	OBG	6	NIL
Dr.Nagaveni	MBBS, DGO	Sr.Resident	OBG	7	NIL
Dr.Hemalatha T J	MBBS, DGO	Sr.Resident	OBG	7	NIL
Dr Sharada M M	MBBS, DGO	Sr resident	OBG	3	NIL

Dr Geetha	MBBS	Jr resident	OBG	2	NIL
Dr Priyanka	MBBS	Jr resident	OBG	2	
Dr Anusha	MBBS	Jr resident	OBG	2	NIL
Dr Chaitra	MBBS	Jr resident	OBG	1	NIL
Dr Hema	MBBS	Jr resident	OBG	1	NIL
Dr Abijit	MBBS	Jr resident	OBG	1	NIL
Dr Narendra	MBBS	Jr resident	OBG	1	NIL
Dr Prerana	MBBS	Jr resident	OBG	1	NIL
Dr Sri Lasysa	MBBS	Jr resident	OBG	4m	NIL
Dr Aswini	MBBS	Jr resident	OBG	4m	NIL
Dr Swathi	MBBS	Jr resident	OBG	4m	NIL
Dr Madhuri	MBBS	Jr resident	OBG	4m	NIL
Dr Priyanka	MBBS	Jr resident	OBG	4m	NIL

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** As per the university adjunct faculty list
13. **Percentage of classes taken by temporary faculty — programme-wise information -** NIL
14. **Programme-wise Student Teacher Ratio**: UG 5:1 PG 1:1
15. **Number of academic support staff (technical) and administrative staff**: sanctioned and filled

SI. No	Designation	Sanctioned	Filled
1	Academic support staff	01	01
2	Administrative staff	01	01

16. Research thrust areas recognized by funding agencies

Anemia in pregnancy, PIH, Partogram, AMTSL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise

SI. NO	STAFF	TOPIC
1.	Dr Nanda Gopal	*Role of dopplers in pregnancy induced hypertension. *Comparative study of clinical and ultrasound and laparotomy findings in pelvic masses.
2.	Dr.Dhananjaya	*Safety and efficacy of labetalol in management of hypertension in pregnancy. *Gender bias in OBG during their learning experience-STUDENT'S PERCEPTION
3.	Dr.Dwarkanath	*Low dose intravaginal misoprostol for labour induction at term pregnancy-A Prospective study *An assessment of teacher's preference for lecture delivery methods in Medical education.
4.	Dr.Omkar Murthy	*Comparision of efficacy and safety of Ethacrydine lacatae and misoprostol combination with Ethacrydine lactate alone in mid-trimester termination of pregnancy.
5.	Dr.Vasanth	* Cor relation of Hystroscopic picture of Endometrium and HPE report *Hysterolaproscopic picture evaluation in infertile

		tuberculosis patient
6.	Dr.Hema.K.R	*Evaluation of 50 cases of female infertility by Hysterolaproscopy
7.	Dr. Sowmya	*Study of TSH in Pregnancy.
8.	Dr Padmini	*Colposcopic evaluation of cervix in puerperium.
9.	Dr Girish	*Study of morphology of placenta in pregnancy hypertension at term.
10.	Dr Indira	*Pregnancy outcome in severe oligohydromnios.

SI NO	PG STUDENT	TOPIC
1.	Dr. Geetha	*Estimation of serum uric acid as an indicator of severity of preeclampsia and perinatal outcome
2.	Dr Anusha	*Awareness of HIV,HBsAg,VDRL in obstetrics
3.	Dr Priyanka	*Doppler and perinatal outcome in high risk pregnancy.
4.	Dr Hemashree	*Platelet count in pre eclampsia
5.	Dr Chaitra	*Study of BMI AND MAP as a predictor of pregnancy induced hypertension
6.	Dr Abhijeet	*Comparision between mattress suture-Ethilon subcuticular-catgut and stapler closure of skin in SSMC. *Comparision b/w peritoneal and non-peritoneal closure
7.	Dr Prerana	*Comparision of perinatal outcome in pregnancies with Excellent date, Good date, Poor date.
8.	Dr Narendra	*Post operative management of pain with Diclofenac vs Tramadol
9.	Dr Swathi	*Low AFI and its perinatal outcome
10.	Dr Ashwini	*Anemia in pregnancy and its outcome
11.	Dr Sree Lasya	*Post operative conditions related to wound sepsis and its prevention
12.	Dr Madhuri	*Effect of Nutrition during pregnancy and it's perinatal outcome
13	Dr Priyanka Dabas	*Awareness about benefits of breastfeeding and its impact

18. Inter-institutional collaborative projects and grants received

1. Role of periodontitis in preterm labour- with sri siddartha dental college

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICS SR, etc.; total grants received. –1.ICMR funded STS project on factors influencing neonatal sepsis

20. Research facility / centre with

- state recognition
- natiotnal recognition -
- international recognition

the available facilities for research are

1. IVF centre equipped electron microscope, 4D Ultra sound scanning machine, cryopreservation facility, incubators, laminar flow equipment,
2. colposcopy
3. Operative Karlstorz laproscope and hysteroscope
4. well equipped labour room wth CTG machine, bed side ultrasound, ventilator.
5. Genetic Lab
6. central research lab
7. Blood bank with components
8. Expanded library with all journals, books , CDs , internet access for helinet and E-Journals
9. all types of complicated cases referred from all over Tumkur and surrounding districts and states
10. Dedicated well trained and experienced staff

21. Special research laboratories sponsored by / created by industry or corporate bodies :
SSMC IVF]& RESEARCH CENTRE
GENETIC LABORATORY

22. Publications:

- Number of papers published in peer reviewed journals (national / international)
National : 10International : 13

Publication In The Text Books Of Obstetrics & Gynaecology

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) 10

- Citation Index — range / average
- SNIP
- SJR
- Impact Factor — range / average
- h-index

23. Details of patents and income generated : under process , institution has initiated process to create patent related research

1. Antenatal care
2. high risk pregnancy care
3. Normal delivery facilities , caesarean section, instrumental delivery facility available 24/7
4. Emergency obstetric care
5. MTP facility
6. family planning and contraception facility
7. all types of gynec surgeries including laparoscopy and hysteroscopy.
8. Inferitility services
9. menopause clinic
10. adolescent clinic
11. gynec cancer clinic
12. gynec endocrinology clinic
13. urogynecology services
14. rural health camps
15. Health education and awareness programmes
16. training of PHC medical officers in skilled birth attendentant programme sponsored by WHO and Govt. of India

24. Areas of consultancy and income generated :

1. Antenatal care
2. high risk pregnancy care
3. Normal delivery facilities , caesarean section, instrumental delivery facility available 24/7
4. Emergency obstetric care
5. MTP facility
6. family planning and contraception facility
7. all types of gynec surgeries including laparoscopy and hysteroscopy.
8. Inferitility services

9. menopause clinic
10. adolescent clinic
11. gynec cancer clinic
12. gynec endocrinology clinic
13. urogynecology services
14. rural health camps
15. Health education and awareness programmes
16. training of PHC medical officers in skilled birth attendentant programme sponsored by WHO and Govt. of India

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad : 1.one faculty deputed by Karnataka medical council as obsererver for training programme on infertility

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

1. two faculty were chair persons, judges for poster presentation in state OBG conference in HUBLI 2013
2. two faculty are chairpersons in state anatomy confenerence at ssmc tumkur
3. one faculty is peer reviewer for journal of medical and biochemical sciences
4. 3 faculty are dissertation reviewers for various universities

27. Faculty recharging strategies

The faculties are regularly attending conferences, CME's, Workshops and Seminars conducted by other institutions and universities. Every faculty is entitled to receive financial support from the university once in a year for national events and once in 3 years for international events

28. Student projects -

- percentage of students who have done in-house projects including inter-departmental projects —UG students : 2%, PG students: 100%
- percentage of students doing projects in collaboration with other universities / industry / institute - Nil

Student projects	2010-2011	1	Drug prescribing pattern for antenatal patients in dept of OBG,ssmc -kumarjit sarkar, dr Dhananjay

Awards	Prior to 2014	2	Dr K M Nandagopal, 1) WHO Fellowship Awardee in Infertility & Reproductive Surgery. (Training at Royal Victoria Hospital, Mc Gill University , Montreal,Canada & Centre for Human Reproduction at Glenn Brooke Hospital, Chicago , USA) 2) Priyadarshini Gold Medal Award(worked as key person in PPTCT Programme, Centre for excellence Karnataka State.(Financed by NACO New Delhi)

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

1) Dr K M Nandagopal, WHO Awardee in infertility and reproductive surgery, Montrel Canada and in centre for human reproduction Chicago US

2) Dr K M Nandagopal , Priyadharshini gold medal awardee as key person in pptct projects in Karnataka

30. Seminars/ Conferences/Workshops organized and the source of funding national / international) with details of outstanding artici ants, if any.

Sl. Na	**Date** of	Workshop/ **CME etc**	**Topic**	**Name of the speaker**	**No. of atten**
1	MAY 2010 IMA, Tumkur	CME	CME ON UV PROLAPSE	Dr K M Nandagopal	40
2	DEC 2010 SSMC	CME	CME ON COLPOSCOPY	Dr.U.D.Bafna , &Dr Sunanda kulkarni,Kidwai	100
3	25-02-2012 Naveen regency tumkur	CME	Role of DHEA in resistant ovulation	Dr Rashmi, NOVA IVI BANGALORE	42
4	21-04-2012 Naveen regency Tumkur	CME	Anemia in pregnancy, Mental health problems in	Dr Shankar, VIMS,Bellary Dr Satyanarayana M T, ssmc tumkur	45

5	12-05-2012 naveen regency, Tumkur	CME	Recurrent UTI in women and management	Dr Nagaraj ,urologist, MSRMC	40
6	10-08-2012 , ssmc	CME	Medical genetics and infertility	DR Nandagopal Dr Manisha singh, Dr Joshua peter	150
7	15-09-2012 Naveen regency , Tumkur	CME	Current scenario for treatment of cervical cancer and breast	DR Nalini, radiation oncologist,HCG Dr Kavitha surg	45
8	15-12-12 Vaishali comforts,	CME	Infertilty and IVF	Dr Manjunath&Rashmi , Nova IVI,Bangalore	50
9	23-12-12 Naveen Regency, Tumkur	CME	Endometriosis and infertilty	Dr Kanthi Bansal, FOGSI MUMBAI	45
10	09-03-2013, Naveen Regency Tumkur	CME	Surgical principles of gynecological	Dr M S Kilara &Dr manjunath oncology MSRMC	40
11	23-03-2013,Vivafern resort, Tumkur	CME	Protocols in ovulation induction in obesity and	Dr Susheela Rani Dr Parimala Devi Dr Vidya Bhat	40
12	30-03-2013, IMA Tumkur	CME	Respiratory diseases in pregnancy . Neonatal and surgical disoerders	Dr Ravi Kumar Dr Rangaswamy Dr Subramanya Faculty SSMC, tumkur	85

13	13-04-2013 Naveen regency	worksho p	Principles of suturing and hands on workshop	By Johnson and Johnson company	50
14	13-08-2013 Vivafora	CME	Hepatitis in pregnancy	Dr Ravindra , gastroenterologist	50
15	16-11-2013, Naveen Regency Tumkur	CME	Practical approach to male fertility problems and current advances in management of male infertilty	Dr Rupin Shaw, Andrologist	50
16	12-02-2014 NAVEEN REGENCY	CME	Hyperhomocstenemia&medicolegal aspects		110
17	13-7-2014 Naveen regency	CME	Updates on fetal medicine	Dr Krishna,Dr Adinarayan	40
18	09-11-2014, SIT Tumkur	CME	Maternal mortality overview	Dr Malini Dr Gopal Krishna	35
19	04-1-2015 Naveen Regency , Tumkur	CME	Journey through preconception life	Dr Susheela Rani, Vidya Bhat, Dr Rupa K S, Dr Shilpa,DrAnurada,Dr Nagesh	45

20	08-2-2015, Naveen Regency , Tumkur	CME	WOMB ONCOLOGY UPDATE	Dr Rani Bhat, Dr Mathangi, Dr Madhav, Dr Mahesh, Dr Uttappa, BGS global hospital bangalore	55

31. Code of ethics for research followed by the departments : Follows the instructions of the Ethical Committee ofthe University.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected Male Female	Pass percentage Male Female
MBBS		60 90	84 92
MS		09	- 100%
DGO		04	- 100%

33. Diversity of students

Name of the Course (refer to	% of students from the	% of students from other universities	% of students from universities	% of students from
MBBS	NIL	40	60	NIL
MS	NIL	60	40	NIL
DGO	NIL	80	20	NIL

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

: many students have cleared PG CET , PLAB, US MLE, MRCOG

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection	- 100%
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	0%
from other universities within the State	85%
from universities from other States	15%
from universities outside the country	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : one faculty has done certificate course in diabetology

One faculty in persuing fellowship in medical education

38. Present details of infrastructural facilities with regard to

a) Library -Departmental Library with 125 books

b) Internet facilities for staff and students - Yes

c) Total number of class rooms-2 demo room & 1 seminar room

d) Class rooms with ICT facility- Yes

e) Students' laboratories- under process

0 Research laboratories- Central Research Facility, genetics lab, IVF centre

39. List of doctoral, post-doctoral students and ResearchAssociates

a) from the host university- 9MD Students

b) from other universities- NIL

40. **Number of post graduate students getting financial assistance from the university :** under process

41. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Before offering a new program, the university initiates discussions with a group of academicians and concerned subject experts. The recommendations of these experts will be forwarded to the concerned board of chairman and in turn he will invite experts in the

field from both outside and within the university. After completing the exercise, the recommendation of the expert committee will be submitted to university which in turn will form a separate BOS for the proposed program (if necessary additional experts are nominated from the board). After the syllabus is prepared it may be sent to minimum two experts other than board members for their remarks. Finally it is passed in BOS and the recommendation placed in the academic council to start a new program.

42. Does the department obtain feedback from

t. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

u. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

v. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10)

Dr.Asha practisioner at bangalore

Dr.Rekha- running own hospital at Hosur TN

Dr Gayathri-asst at chettinadu medical college , chennai

Dr Srividya- asso prof at AIMS bellur

Dr.Shivraj -Leading Obstetrician and Gynecologist in a dist, hospital at Tumkur

Dr.Chaithra-Fellowship in Infertility and working as consultant at puna

Dr.Rachel- asst.prof, balaji medical college, pondycherry

Dr.joseph Serving as medical officer in kasargod kerala

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sl. Na	Date of	Workshop/ CME etc	Topic	Name of the speaker	No. of atten
1	MAY 2010 IMA, Tumkur	CME	CME ON UV PROLAPSE	Dr K M Nandagopal	40
2	DEC 2010 SSMC	CME	CME ON COLPOSCOPY	Dr.U.D.Bafna , &Dr Sunanda kulkarni,Kidwai	100
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6	10-08-2012 , ssmc	CME	Medical genetics and infertility	DR Nandagopal Dr Manisha singh, Dr Joshua peter	150
7	15-09-2012 Naveen regency ,	CME	Current scenario for treatment of cervical cancer and breast cancer	DR Nalini, radiation oncologist,HCG Dr Kavitha surg oncologist, HCG	45
8	15-12-12 Vaishali comforts,	CME	Infertilty and IVF	Dr Manjunath&Rashmi , Nova IVI,Bangalore	50

9	23-12-12 Naveen Regency.	CME	Endometriosis and infertilty	Dr Kanthi Bansal, FOGSI MUMBAI	45
10	09-03-2013, Naveen Regency Tumkur	CME	Surgical principles of gynecological oncology	Dr M S Kilara &Dr manjunath oncology MSRMC	40
11	23-03-2013,Vivafern resort, Tumkur	CME	Protocols in ovulation induction in obesity and infertility problems	Dr Susheela Rani Dr Parimala Devi Dr Vidya Bhat	40
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	13-04-2013 Naveen regency	worksho p	Principles of suturing and hands on workshop	By Johnson and Johnson company	50
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15	16-11-2013, Naveen Regency Tumkur	CME	Practical approach to male fertility problems and current advances in management of male infertilty	Dr Rupin Shaw, Andrologist	50
16	12-02-2014 NAVEEN	CME	Hyperhomocstenemia&medicol egal aspects		110
17	13-7-2014 Naveen regency	CME	Updates on fetal medicine	Dr Krishna,Dr Adinarayan	40

18	09-11-2014, SIT Tumkur	CME	Maternal mortality overview	Dr Malini	35
19	04-1-2015 Naveen Regency , Tumkur	CME	Journey through preconception life	Dr Susheela Rani, Vidya Bhat, Dr Rupa K S, Dr Shilpa,DrAnurada, Dr Nagesh	45
20	08-2-2015, Naveen Regency , Tumkur	CME	WOMB ONCOLOGY UPDATE	Dr Rani Bhat, Dr Mathangi, Dr Madhav, Dr Mahesh, Dr Uttappa, BGS global hospital bangalore	55

45. List the teaching methods adopted by the faculty for different programmes.

Theory Class, Group Discussion, Clinicals, Tutorials, Seminars, Viva Voce, Journal Club, Case Discussion.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? 1.Day to day assessment is done by faculty using the records, log books and dairies

2. Internal Assessment for students.
3. Feedback is obtained from the students about teaching methodology,facilities and staffs on periodic basis.

47. Highlight the participation of students and faculty in extension activities.

1. Faculty & students participate in literary, sports, cultural programmes, health education programme like MEDEX exhibition,of the University on regular basis..
2. Post graduate students are posted to work in Kidwai memorial institute of oncology bangalore & RHTC,UHTC regularly.

Extension activities	2014-2015		RHTC , UHTC
	2013-2014		SBA Training, medex, RHTC , UHTC
	2012-2013		SBA Training, RHTC , UHTC

	2011-2012		SBA Training, RHTC , UHTC
	2010-2011		SBA Training, medex, RHTC , UHTC

48. Give details of "beyond syllabus scholarly activities" of the department. Organising

1. health Check up camps.
2. People awareness programme.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : under process

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

1. Organizing CME programmes and workshops
2. Research activities.

51. Future plans of the department. Future Vision: (Next Decade)

1. Robotic surgeries in gynaecology.
2. Laparoscopic gynac oncology surgeries.
3. Routine use of 4'D' ultrasound
4. Fetal therapy —Non invasive – Invasive
5. OBG department expected to be fully equipped and geared up to meet all obstetric & gynaecological challenges using standard techniques followed at most reputed centers around the world'.

52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths : Skilled & knowledgable faculty. Good results in UG & PG exams.

Opportunities: Upgrading knowledge & skill.

Challenges: To meet the demands of the modern day health care (Hightech)To meet the aspiration of the students.

Weakness: – The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

Evaluative Report of the Pediatrics

1. **Name of the Department :** Pediatrics
2. **Year of establishment** : 1990
3. **Is the Department part of a School/Faculty of the university?**

   Yes. Sri Siddhartha University.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) .**

   MBBS, MD Pediatrics. Diploma in Child Health.
5. **Interdisciplinary programmes and departments involved.**

   Hearing assessment by audiometry and BEARA and screening of NICU graduates for hearing loss in collobaration with department of ENT.

   ROP screening in collobaration with department of optholmology.

   Regular clinical meetings and case diuscussions with department of radiology, dermatology, optholmology and cardiolgy
6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.

   NIL
7. **Details of programmes discontinued, if any, with reasons** : **not applicable**
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System** : **anually**
9. **Participation of the department in the courses offered by other departments clinical classes for BSc nursing students of Sri Siddhartha Nursing College.**
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Sanctioned		Actual (Including Filled CAS & MPS)	
Professor	1	3	3
Associate Professors	3	3	3
Asst. Professors	6	6	6
Senior residents sanctioned	6	6	6
Junior residents	4	4	4

11. **Faculty profile with name, qualification, designation, area of specialization,**

experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. H M Viswanatha Kumar	MD	Professor and Head of Department	Pediatrics	33 years	
Dr.Vatsalakumari	MD	Professor	pediatrics	18 years	
Dr. K B Rangaswamy	MD	Professor	Pediatrics	10 years	
Dr. Anandkumar T.S	MD	Associate Profesor	Pediatrics	10 years	
Dr.Kumar G.V	DCH, DNB	Associate Profesor	Pediatrics	8 years	
Dr. Ananth Narayana Gowda B.L	MD, FNICU	Associate professor	Pediatrics, neonatology	5 years	
Dr.Sreedhar M.S	MD, DNB	Assistant professor	Pediatrics	4 years	
Dr.Ashok C	DCH, DNB	Assistant professor	Pediatrics	4 years	
Dr.Rajith M.L	MD	Assistant professor	Pediatrics	3 years	
Dr.Nayaz Ahmed	MD	Assistant professor	Pediatrics	2 yaers	

Dr.Anees Ur Rahman	MD	Assistant professor	Pediatrics	2 years	
Dr Sree Harsha	DNB	Assistant professor	Pediatrics	1 year	

Dr. MURALIDHARA. S.S	DCH	Sr, Resident	3 yrs
Dr. SATHYANARAYANA. D	DCH	Sr, Resident	3 yrs
Dr. MALINI.A.L	DCH	Sr. Resident	3 yrs
Dr. MANJESH.T	MBBS DCH	Sr. Resident	3 yrs
Dr. ESHWAR A. MAKAM	DCH	Sr. Resident	2 yrs 1 yr
Dr. MALLIKARJUNA. R	MBBS DCH	Sr. Resident	2 yrs 1 yr

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Guest lecture on vitamin D – by Dr Subba Rao, Former HOD Pediatrics St Johns Medical College on 31st Jan 2014

Guest lecture on thiamine deficiency in children and maternal malnutrition and low birth weight by Dr Narasimha Rao – Principal, Apollo institute of medical sciences Hyderabad. On 4th July 2014

13. Percentage of classes taken by temporary faculty – programme-wise information

14. Programme-wise Student Teacher Ratio

Under Graduate: 1 for 8 students.

Post graduate: 1 for 2 students

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual .**

Nil

16. **Research thrust areas as recognized by major funding agencies**

Nil

17. **Number of faculty with ongoing projects from** a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **Nil**

18. **Inter-institutional collaborative projects and associated grants received**

a) National collaboration: **nil** b) International collaboration: **nil**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Nil

20. **Research facility / centre with**

- state recognition **nil**
- national recognition **nil**
- international recognition

21. **Special research laboratories sponsored by / created by industry or corporate bodies nil**

22. **Publications:**

∗ Number of papers published in peer reviewed journals (national / international) : 20.

∗Monographs : **nil**

∗Chapters in Books:

Ragunatha S, **Kumar GV.** Fluid, Electrolyte and Nutrition Therapy in Dermatological Emergencies, Critical Care in Dermatology. Jaypee publications, first edition 99-108

∗Edited Books

∗Books with ISBN with details of publishers

∗Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

∗Citation Index – range / average ∗SNIP

∗SJR

∗Impact Factor – range / average ∗h-index

International publication	2014-2015	7	1. Maternal and neonatal factors among low birth weight babies: A tertiary care hospital based study. *Curr Pediatr Res 2014; 18 (2): 73-75.* (International journal) 2. Study of significance of thrombocytosis in lower respiratory tract infections in children. International Journal of Contemporary Pediatrics 2015; 2:103-7. 3. Study of laboratory profile of acute post streptococcal glomerulonephritis at the time of presentation in children. International Journal of Health Science & Research. 2015; 5(5):103-107. 4. Impact of lifestyle changes and dietary habits on cardiovascular risk factors among obese and non obese children .A comparative study.International Journal of recent trends in science and technology.ISSN 2277-2812 E ISSN 2249 8109 volume 14 issue 1 2015 . pn 72-75. 5. Efficacy of oral fenofibrate in the

			manangement of unconjugated hyperbilirubenia in the neonate.A retrospective study.. Journal of recent trends in science and technology.ISSN 2277-2812 E ISSN 2249 8109 volume 13 issue 2 2014.pn 253-255 6. Maternal and neonatal factors among low birth weight babies: A tertiary care hospital based study. *Curr Pediatr Res 2014; 18 (2): 73-75.* (International journal) 1.Personality characteristics in children with mild mental retardation and dyslexia.RJPBCS 2014 vol 4(3):857-861. 7. 2.Study of social maturity level in children with mild mental retardation and dyslexia.International Journal of Advancements in Research & Technology, Volume 3, Issue 6, June-2014
	2013-2014	6	1. An Osteological Study of Incidence, Morphometry and Clinical Correlations of Carotico-Clinoid Foramen in Dried Adult

			Human Skulls. Research Journal of Pharmaceutical, Biological and Chemical Sciences. July-September 2013 RJPBCS Volume 4 Issue 3 Page No. 347-52 (International journal) 2. Right sided congenital pulmonary hypoplasia in a neonate – A case report. Indian journal of maternal and child health, 2013: July-Sept 15(3) 1-5. 3 (National journal) 3. Prune belly syndrome with bilateral hydronephrosis - a case report. International Journal of Health Sciences & Research. (www.ijhsr.org). Vol.4; Issue: 4; April 2014: 233- 236. (International journal) 4. Thyroid Abscess in a Child, International Journal of Health Sciences & Research (www.ijhsr.org). Vol.3; Issue: 9; September 2013: 124-127 (International journal) 1.Socio-cultural factors influencing infant feeding practices in rural Tumkur.RJPBCS 2013;vol 4(2):204-212.

			5. 2.Weaning practices in rural Tumkur.Current pediatric research 2013;17(2):115-117. 6. 3.A comparative study of intelligence in urban and rural children with mild mental retardation and dyslexia. Current pediatric research 2013;17(2):106-108. 7. A study of nutritional status of infants in relation to feeding practices, current pediatric research; 18 (1): 38-41
	2012-2013		1. Evaluation of Neonatal Morbidity and Mortality in Low Birth Weight Babies in a Tertiary Care Hospital, Research Journal of Pharmaceutical, Biological and Chemical Sciences, January-March 2013 RJPBCS Volume 4 Issue 1 Page No. 481-85. (International journal) 2. Study of the Prevalence and Clinical Profile of Urinary Tract Infection in Febrile Children Aged 3 - 6 Years Who Attended Pediatric Outpatient Department in a Tertiary Care Hospital.

			International Journal of Health Sciences & Research (www.ijhsr.org) 1 Vol.3; Issue: 2; February 2013, 1-5 (International journal) 3. Morphological Study of Wormian Bones in Dried Human Skulls. Research Journal of Pharmaceutical, Biological and Chemical Sciences. April – June 2013 RJPBCS Volume 4 Issue 2 Page No. 584-89 (International journal) 4. Utility of dermatoglyphics in Type II Diabetes Mellitus (T2DM) to asses the risk for IHD: A pilot study. Biomedical Research 2013; 24 (2): 242-244. (National journal) 5. An Osteological Study of Atlanto-Occipital Fusion with Embryological Basis and Clinico-Anatomical Correlations. Research Journal of Pharmaceutical, Biological and Chemical Sciences. April – June 2013 RJPBCS Volume 4 Issue 2 Page No. 1122-1126

			(International journal)
	2011-2012		
	2010-2011		
National publication	2014-2015		
	2013-2014		
	2012-2013		1. Evaluation of Neonatal Morbidity and Mortality in Low Birth Weight Babies in a Tertiary Care Hospital, Research Journal of Pharmaceutical, Biological and Chemical Sciences, January-March 2013 RJPBCS Volume 4 Issue 1 Page No. 481-85. (International journal) 2. Study of the Prevalence and Clinical Profile of Urinary Tract Infection in Febrile Children Aged 3 - 6 Years Who Attended Pediatric Outpatient Department in a Tertiary Care Hospital. International Journal of Health Sciences & Research (www.ijhsr.org) 1 Vol.3; Issue: 2; February 2013, 1-5 (International journal) 3. Morphological Study of Wormian Bones in Dried Human Skulls. Research Journal of

			Pharmaceutical, Biological and Chemical Sciences. April – June 2013 RJPBCS Volume 4 Issue 2 Page No. 584-89 (International journal) 4. Utility of dermatoglyphics in Type II Diabetes Mellitus (T2DM) to asses the risk for IHD: A pilot study. Biomedical Research 2013; 24 (2): 242-244. (National journal) 5. An Osteological Study of Atlanto-Occipital Fusion with Embryological Basis and Clinico-Anatomical Correlations. Research Journal of Pharmaceutical, Biological and Chemical Sciences. April – June 2013 RJPBCS Volume 4 Issue 2 Page No. 1122-1126 (International journal)

23. Details of patents and income generated

24. Areas of consultancy and income generated

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify) NIL

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

28. Student projects

- **percentage of students who have done in-house projects including inter-departmental projects**
- **percentage of students doing projects in collaboration with other universities/ industry / institute**

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

CME : pediatric update CME – November 2012.

Pediatric psychiatry updates – jan 2013

Workshop : Basic NRP for interns 30. 11. 2013 to 1 . 12. 2013

Others :

Guest lecture on vitamin D – by Dr Subba Rao on 31st Jan 2014

Guest lecture by Dr Nagaraj, Surveillance medical officer on AFP surveillance. 27th June 2014

Guest lecture on thiamine deficiency in children and maternal malnutrition and low birth weight by Dr Narasimha Rao – Principal, Apollo institute of medical sciences Hyderabad. On 4th july 2014

Conferences attended	2014-2015		1. 33rd Annual state conference of IAP held at JSS Medical College Mysore on 1st and 2nd November 2014. 2. 3rd Karnataka state ID Chapter conference and zonal CME held at Goa from 24th to 26th April 2015. 3. CME on Cardiology Update - 2014, held at Sri Siddhartha Medical College Tumkur, on 20th

			July 2014. 4. CME on "Diabetes Mellitus – an update" on 14th Nov 2014 at SSMC Tumkur. 5. CME on Rational antibiotic practice on 8th February 2015 at IMA Tumkur by Indian academy of Paediatrics. 6. CME on RNTCP Programme on 28th March 2015 at SSMC Tumkur. 7. CME on Infertility Update – an overview on 6th June 2015 at IMA Tumkur CME on pediatric updates . sridevi medical college .5th july 2015. 8. CME on Medicolegal Update held at SSMC Tumkur on 8th October 2013. 9. Attended workshop on Medical Education Technologies – TOT at SSMC from 24th to 26th July 2013. 10. CME on "Child Psychiatry and Pneumococcal update" on 24th November 2013 at IAP Tumkur. 11. CME & Workshop on RNTCP Programme on 8th March 2014 at Sridevi Institute of Medical

			Sciences, Tumkur. 12. CME on RNTCP programme on 27th March 2014 at SSMC Tumkur.
	2013-2014		1. CME on "Genetics and Management of Infertility" held at SSMC, Tumkur on 10th Aug 2012.
	2012-2013		
	2011-2012		
	2010-2011		1. 24th south zone and 29th Karnataka State Conference of IAP held at HASSAN, from 22th to 24th october 2010.
Conferences / workshops conducted	2014-2015		
	2013-2014		
	2012-2013		
	2011-2012		24th November 2012 pediatrics update CME at SSMC.
	2010-2011		12th November 2010, update on childhood psychiatric disorders.

31. Code of ethics for research followed by the departments

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	Female	Male	Female

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the Same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed Campus selection Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates of the same university

from other universities within the State from

universities from other States from

universities outside the country

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Present details of departmental infrastructural facilities with regard to

a) Library : more than 100 reference books, 10 jounals

b) Internet facilities for staff and students : nil

c) Total number of class rooms 2

d) Class rooms with ICT facility : one

e) Students' laboratories : one

f) Research laboratories**: nil**

39. List of doctoral, post-doctoral students and Research Associates

from the host institution/university

a) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. nil

42. Does the department obtain feedback from

w. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

x. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. these feedbacks are analyses at necessary recommendation made to board of studies.

y. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

42. List the distinguished alumni of the department (maximum 10) **nil**

43. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. Encouraged to attend seminars / CME / Workshops and guest lectures conducted by the department.

44. List the teaching methods adopted by the faculty for different programmes.

a) UG: lecturte classes and clinical case discussions. Demonstration of procedures (diagnostic and therapeautic) and X rays.

b) PG: bedside teaching, journal club, seminars and case discussions. Hands on training on diagnostic and therapeautic procedures.

45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Regular conduct of teaching programs as mentioned above and regular monitoring by internal assessment.

46. Highlight the participation of students and faculty in extension activities. Health camps conducted by the institutions in association with various government and Non-Government organisations.

48. Give details of "beyond syllabus scholarly activities" of the department.

UG and PG IAP quiz programs conducted every year.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **no**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. Through research projects and publications and extension activities by camps and presentation of scientific papers in conferences.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Trained and dedictaed faculty
2. Good number of diverse patients for clinical teaching.

3. Continous medical education of faculty.
4. Community orietnted resear
5. Good number of acdemic publications

Weakness– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present

Opportunities and challenges:

1. establishment of tertialry care pediatric and neonatl intensive care (upgradation of existing units)
2. To take up Research projects.
3. Establishment of sub-specialty clinics.
4. To formulate Novel community oriented methods for common pediatric problems
5. Faculty exchange programs with reputed universities.

52. Future plans of the department.

Tertiary care intensive care units.

Betterment academic environment with research and continuing education.

Community oriented preventive and therapeautic strategies

Sri Siddhartha Academy of Higher Education
(A Deemed to be University) Established under section 3 of the UGC Act, 1956,
Vide MHRD GOI No. F.9-31/2006-U.3 (A) Dtd. 30/05/2008

Evaluative Report of Departments
Sri Siddhartha Dental College

Volume - 3

Evaluative Report of Departments

Sri Siddhartha Dental College

SL.NO	CONTENT	PAGE. NO
21	Oral Medicine and Radiology	353
22	Oral & Maxillofacial Surgery	376
23	Oral Pathology and Microbiology	423
24	Orthodontics & Dent facial Orthopaedics	434
25	Periodontics	461
26	Prosthodontics	479
27	Pedodontics and Preventive Dentistry	520
28	Public health dentistry	540
29	Conservative Dentistry and Endodontic	577

EVALUATIVE REPORT OF DEPARTMENT

1. **Name of the Department:** Department of Oral Medicine and Radiology
2. **Year of establishment:** 1992
3. **Is the Department part of a college/Faculty of the university?** Yes Part of Sri Siddhartha Dental College which is a constituent college of Sri Siddhartha Academy of Higher Education
4. **Names of programmes offered** (UG, PG.): BDS.
5. **Interdisciplinary programmes and departments involved:** YES faculty from department participate in various IDM, CDE, research activity
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Yes, BDS course is recognised by Malaysian dental council
7. **Details of programmes discontinued, if any, with reasons:**
   No programmes were discontinued .
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Annual examination conducted by SAHE University
9. **Participation of the department in the courses offered by other departments:**
   None.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (Including CAS & MPS)
PROFESSOR	As per DCI	1	1
READER	As per DCI	2	2
LECTURER	As per DCI	2	2

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance .**

Name	Qualification	Designation	Specialization	No. Of Year Of Experience
Dr.Suhas S	MDS	Professor	Oral Medicine & Radiology	14 years

Dr.S.Jayadev	MDS	Reader	Oral Medicine & Radiology	9years
Dr .Sachin Ganesan	MDS	Reader	Oral Medicine & Radiology	5years
Dr .S.Mahalakshmi	MDS	Lecturer	Oral Medicine & Radiology	2years
Dr.Suchetha.D.N	MDS	Lecturer	Oral Medicine & Radiology	2years

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

we have no visiting faculty

13. Percentage of classes taken by temporary faculty – programme-wise information:

we have no temporary faculty

14. Programme-wise Student Teacher Ratio:

B.D.S : 6:1.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	SANCTIONED	FILLED	ACTUAL
No of Administrative Staff			5
No of Technical staff			1
Attenders			2

16. Research thrust areas as recognized by major funding agencies: None

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

2014-2015

1. Dr SUHAS S , Interrelationship among different manidibular movements
2. DR JAYADEV S ,Development of third molar root as an indicator for estimating chronological age in south Indian sub population.
3. DR SACHIN GANESAN Awareness of consumer protection act among health professionals of Tumkur city.
4. DR S MAHALAKSHMI Application of sonophoresis in the management of

temperomandibular disorder.

5. DR SUCHETHA DN ,Prevalence of oral mucosal lesions in patients visiting a dental college in south India.

In the year 2014 ongoing project titled "Psychosocial impact of cancer patient - A Qualitative Study" by Dr.Suhas and Dr.S.Mahalakshmi with no external funding.

18. Inter-institutional collaborative projects and associated grants received (national & international collaboration)

None

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

None

20. Research facility / centre with

- **State recognition- Phd Center** - None
- **National recognition** – None
- International recognition None

21. Special research laboratories sponsored by/created by industry or corporate bodies:

None

22. Publications:

- Number of papers published in peer reviewed journals (national/ International)
- National: / International:
- Monographs – none
- Chapters in Books- 1
- Books edited –None
- Books with ISBN with details of publishers

Sl	Annexure	Year	Total. Num	Details

			bers	
	National publication	2014-2015	1	SUCHETHA DN, Cleidocranial dysplasia presenting with retained deciduous teeth and impacted permanent and supernumerary teeth. Journal of Indian Academy of Oral Medicine & Radiology. 2014; 26: 233-36.
		2013-2014	1	SUHAS S. Dysgenetic polycystic disease of the parotid gland: Report of a case and review of the literature J Oral Maxillofac Pathol. 2013 May;17(2):248-52.
		2012-2013		
		2011-2012	2	Jayadev S. Flies blown disease- Oral myiasis.Indian J DentRes 2011;22(4):615-18. Jayadev S. Leiomyoma of the Gingiva: A Rarity. J of Indian Acadamy of Oral Med & Radiol 2011;23(3):S416-418.
		2010-2011	1	Jayadev S. Osteoid osteoma of the mandible: A rare entity. J of Indian Acadamy of Oral Med & Radiol 2010;22(3):162-64.

International Publication

2014-2015

3 Suhas

S. Transmigration Of Mandibular Canines: Review Of Treatment And Report Of 13 Cases Orthodontic Update 2014 (7) 23-29

Suchetha Dn Submandibular Gland Sialolithiasis With Chronic Sialadenitis: A Case Report. International Journal Of Medical And Dental Case Reports. 2014:1-4.

Mahalakshmi S.Radix Entomolaris-A Rare Case Series. Sadj 2014:69(8): 358-362.

2013-2014 2

Suhas S. Verroucas Xanthoma Of Faucial Pillar- A Case Report.Otolaryngogoly .E 2013;3(4)

Sachin Ganeshan. Verroucas Xanthoma Of Faucial Pillar- A Case Report.Otolaryngogoly .E 2013;3(4)

2012-2013 1

Sachin Ganeshan. A Suitable Method Bdj:2012:212:485-489.

2011-2012 5

Suhas S. Embedded Toothbrush Foreign Body In Cheek - Report Of An Unusual Case Eur Arch Paediatr Dent. 2011 Oct;12(5):272-4.

Suhas S. Assessment Of Langerhans Cells In Oral Lichen Planus By Atpase Histochemistry: A Clinicopathological Correlation. Quintessence International , 2011 Mar;42(3):225-34.

Suhas S. Total Anodontia In Patient With Hypohydrotic Ectodermal Dysplasia Newyork State Dental Journal , 2011 Jan;77(1):36-9

Suhas S. Mast Cell Stabilizers As Host Modulatory Drugs To Prevent And Control Periodontal Disease Dental Hypothesis,Vol 2, No 1, 2011, 1-8.

Gowda J S.Unusual Ghost Image In A Panoromic Radiograph. Dento Maxillofacial Radiology 2011(40);397-99.

2010-2011 1

Jayadev S. Multiple Talon Cusps And Dens Invaginatus Associated With Other Dental Anomalies- An Unusual Report. Pakistan Oral & Dental Journal2010;30(2):344-47.

23. Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

Citation Index – range/average (Source Google Scholar)

Faculty	No of Citation	No of publication	Citation Index
Dr Suhas Setty	329	29	329
Dr S.Jayadev	8	9	8
Dr Sachin Ganesan	0	5	0
Dr S.Mahalakshmi	0	2	0
Dr.Suchetha.D.N	0	5	0
Department average	337	41	337

- H-index

Name	H index
Dr Suhas Setty	11
Dr S.Jayadev	2
Dr Sachin Ganesan	0
Dr S.Mahalakshmi	0
Dr.Suchetha.D.N	0

24. Details of patients and income generated:

Date	No of patients in Diagnosis	No of patients in Radiology	Income
2012	28264	11892	476860
2013	61755	11669	415470
2014	63732	11575	435370

25. Areas of consultancy and income generated: None

26. Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad:

1. Dr Suhas S , Visiting Scholar , University of Washington, USA

27. Faculty serving in :

- **National committees :**

  Dr. Suhas S

- Member of Board of studies for SAHE University and
- External Member to Board of Studies , M S Ramiah University of Applied Sciences, Bangalore.
- IAOMR-Life Member
- Member of academic council SSAHE

- Editorial board of Journal of Dental Sciences and Research

Co-chair person in institutional committes	Institutional Editorial Committee
	Institutional Ethical Committee
	Institutional Research Committee
Member in institutional committes	Academic Advisory Committee
	Anti Ragging Committee
	Disciplinary Committee
	Dissertation Progress Review Committee
	Editorial Committee
	Institutional Grievance Committee
	Patient Welfare Committee
	Staff Student Interaction Committee
	Synopsis Review Committee

Dr Jayadev

- Section Editor, Oral Medicine and Radiology, Journal of Dental Sciences and Research
- IAOMR-Life Member

Co-chair person in institutional committes	Statistics Committee
	Institutional Ethical Committee
	Institutional Research Committee
Member in institutional committes	Academic Advisory Committee
	Anti Ragging Committee
	Disciplinary Committee
	Dissertation Progress Review Committee
	Editorial Committee
	Institutional Grievance Committee
	Patient Welfare Committee
	Staff Student Interaction Committee
	Synopsis Review Committee

Dr Sachin Ganesan

- IDA – Life Member

- IAOMR-Life Member

Co-chair person in institutional committes	
Member in institutional committes	Statistics Committee
	Institutional Ethical Committee
	Institutional Research Committee
	Academic Advisory Committee
	Anti Ragging Committee
	Disciplinary Committee
	Dissertation Progress Review Committee
	Editorial Committee
	Institutional Grievance Committee
	Patient Welfare Committee
	Staff Student Interaction Committee
	Synopsis Review Committee

Dr S Mahalakshmi

- Member of Board of studies for SAHE University
- IDA – Annual Member
- IAOMR-Life Member

Member in institutional committes	Anti Ragging squad Committee
	Student mentor committee
	Waste management committee
	Women welfare committee

Dr Suchetha DN

- IAOMR-Life Member

Member in institutional committes	Anti Ragging squad Committee
	Statistics committee
	Student mentor committee

Reviewers:

- Dr.Suhas S .

- Indian Journal of Cancer,
- Chonamm Medical Journal
- Journal of Clinical and Investigative Dentistry

Guest lectures:

- Dr.Suhas S :
  - "Orofacial pain" at CDE program conducted by Dept. of oral medicine and radiology, KVG Dental College, Sullia ,19 March , 2015 .
  - " Ethics in Health Research" , conducted by Faculty of Dental Sciences, M.S.Ramiah University of Applied Sciences, Bangalore, 28th and 29th October 2014
- Dr. S.Jayadev :
  - "Potentially Malignant Oral lesions" at CDE program conducted by dept. of oral medicine and radiology, Sree Siddhartha dental college, Tumkur 2013
- Dr.S.Mahalakshmi :
  - "Demonstration of Vital Staining " at CDE program conducted by dept. of oral medicine and radiology, Sree Siddhartha dental college, Tumkur 2013

Resource person:

- **Expert resource person:**
  - Dr. Suhas S
    - Conducting Mock examinations for M.D.S at various dental colleges in Bangalore and Sullia

28. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

The following are the teachers training programme, faculty development programme/national conferences attended by faculty of this department

Dr Suhas. S

- "Clinical Excellence-XII - DERMOPATH" on 27.03.2015 at Sri Siddhartha Dental College, Tumkur.

- National triple O symposium "Oral cancer behind and beyond" on 13-15th march 2015 held at M S Ramaiah University of Applied Sciences, Bangalore.
- "Pedozest 2015 12th National Post Graduate Convention" on 26th-28th February 2015 held at Sri Siddhartha Dental College, Tumkur
- "Clinical Excellence- XI-Braces to change faces" on 18 February 2015 held at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-X - Prosthodontics for Healthy Bite" on 17th December 2014 at Sri Siddhartha Dental College, Tumkur
- "Clinical Excellence-IX Endo-Restorative Continuum" on 19th November2014 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence -VIII - Gateway to Dental Implants" on 15th October 2014 at Sri Siddhartha Dental College, Tumkur
- "Clinical Excellence-VII- Perio Gyan" on 10th September 2014 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-VI" on 5th November 2013 at Sri Siddhartha Dental College, Tumkur. "Clinical Excellence-V" on 23rd October 2013 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-IV" on 26rd September 2013 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-III" on 4th September 2013 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-I" on 6th February2013 at Sri Siddhartha Dental College, Tumkur.

Dr S.Jayadev

- "Clinical Excellence-XII - DERMOPATH" on 27.03.2015 at Sri Siddhartha Dental College, Tumkur.
- "Pedozest 2015 12th National Post Graduate Convention" on 26th-28th February 2015 held at Sri Siddhartha Dental College, Tumkur
- "Clinical Excellence- XI-Braces to change faces" on 18 February 2015 held at Sri Siddhartha Dental College, Tumkur.
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- "Clinical Excellence-VI" on 5th November 2013 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-V" on 23rd October 2013 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-IV" on 26rd September 2013 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-III" on 4th September 2013 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-I" on 6th February2013 at Sri Siddhartha Dental College, Tumkur.
- **Dr Sachin Ganesan**
- Hands on workshop on Digital Imaging 25th January 2013 at A B Shetty Memorial Institute of Dental Sciences.
- CDE Programme on Clinical Excellence-I, 6th Feb 2013held at Sri Siddhartha Dental College, Tumkur.
- CDE on ‘’ORTHODONTICS SIMPLIFIED’’- conducted on 21st Feb 2013 at Ramaiah Dental College.
- CDE on Clinical Excellence-2-, 13th march 2013 held at Sri Siddhartha Dental College, Tumkur.
- CDE on UPDATE IN ORAL MEDICINE AND PATHOLOGY WITH ORAL IMAGING AND STRATEGIES FOR RESEARCH on 1st and 2nd march, 2013.
- CDE and workshop titled –SPECIAL CARE DENTISTRY –A PROFESSIONAL CHALLENGE-II.
- CDE on CLINICAL EXCELLENCE-III-September 2013 held at Sri Siddhartha Dental College, Tumkur.
- National Under graduate Convention IAOMR-national UG convention 20th september 2014.
- PEDOZEST National conference 26th, 27th, 28th Feb 2015 at Sri Siddhartha Dental College and hospital Tumkur.
- CDE programme held on 21st Feb 2015 at CODS Davangere.

- XIII National Triple 'O' symposium 2015 held on 13, 14 and 15th march at faculty of Dental Sciences, M.S.Ramaiah University of Applied Sciences, Bengaluru.
- Hands-on workshop on Basics in Digital and Clinical Photography conducted by 'ORBIT' (oral rehabilitation, basics, innovations & techniques) held on 28th march 2015 at Bangalore.
- Attended continuing dental education on Medical Emergencies in Dentistry by 'IDEA' (Institute of Dental Education and Aesthetics) conducted on April 12th 2015 Bengaluru.

Dr S. Mahalakshmi

- "Clinical Excellence-XII - DERMOPATH" on 27.03.2015 at Sri Siddhartha Dental College, Tumkur.
- National triple O symposium "Oral cancer behind and beyond" on 13-15th march 2015 held at M S Ramaiah University of Applied Sciences, Bangalore.
- "Pedozest 2015 12th National Post Graduate Convention" on 26th-28th February 2015 held at Sri Siddhartha Dental College, Tumkur
- "Clinical Excellence- XI-Braces to change faces" on 18 February 2015 held at Sri Siddhartha Dental College, Tumkur.
- "26th National Conference of Indian academy of Oralmedicind & Radiology" held on 21st - 23rd November 2014, Mangalore.
- "Clinical Excellence-X - Prosthodontics for Healthy Bite" on 17th December 2014 at Sri Siddhartha Dental College, Tumkur
- "Clinical Excellence-IX Endo-Restorative Continuum" on 19th November2014 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence -VIII - Gateway to Dental Implants" on 15th October 2014 at Sri Siddhartha Dental College, Tumkur
- "Clinical Excellence-VII- Perio Gyan" on 10th September 2014 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-VI" on 5th November 2013 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence-V" on 23rd October 2013 at Sri Siddhartha Dental College, Tumkur.
- Attended "Workshop on Research Methodology & Research Statistics" at Bapuji Dental College & Hospital on 26th-28th September 2013
- "Clinical Excellence-III" on 4th September 2013 at Sri Siddhartha Dental College, Tumkur.

- "Research Prospects & Current trends in Stomatology"on 27th and 28th February 2013 at RajaRajeshwari Dental College & Hospital ,Bangalore.
- "Clinical Excellence-I" on 6th February2013 at Sri Siddhartha Dental College, Tumkur.
- "Radiation & Health effects/Hard & soft tissue Lasers/live demonstration of soft tissue lasers" on 30th January 2013 at VSDC ,Bangalore.
- Dr. Suchetha D N
- Attended Digital imaging Work shop on 25/01/2013, at AB Shetty Memorial institute of dental sciences.
- CDE program on "Basic Implantology" on 21/02/2013 at Sri Rajiv Gandhi College of Dental Sciences, Bangalore.
- CDE Program on 25.5.2013 at Sri Rajiv Gandhi Dental College, Bangalore.
- Attended "1st National Conference of the Dental Health Professionals Education" on 30th & 31st May 2013 at M.S. Ramaiah Dental College, Bangalore.
- Attended CDE program on "Triple Talk" on 12.9.2013 at Sri Rajiv Gandhi College of Dental Sciences, Bangalore.
- CDE program on "Advanced Head and Neck Imaging" on 11.11.2013 at DAPM R V Dental College, Bangalore.
- "Clinical Excellence-VII- Perio Gyan" on 10.9.2014 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence -VIII - Gateway to Dental Implants" on 15.10.2014 at Sri Siddhartha Dental College,
- "Clinical Excellence-IX Endo-Restorative Continuum" on 19.11.2014 at Sri Siidhartha Dental College, Tumkur.
- "Clinical Excellence-X - Prosthodontics for Healthy Bite" on 17.12.2014 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence- XI-Braces to change faces" on 18.2.2015 at Sri Siddhartha Dental College, Tumakuru.
- National triple O symposium "Oral cancer behind and beyond" on 13-15th march 2015 at Bangalore.
- "Clinical Excellence-XII - DERMOPATH" on 27.03.2015 at Sri Siddhartha Dental College, Tumkur.
- "Pedozest 2015 12th National Post Graduate Convention" on 26th-28th February 2015 held at Sri Siddhartha Dental College, Tumkur

- Student projects: Students and Interns are encouraged to take up short research projects
- Awards /recognitions received at the national and international level by Faculty :
- Faculty Presentation:
- Dr.S.Mahalakshmi presented paper titled"Craniofacial pain as a symptom of cardiac pain –a clinical study" in 26th National Conference of IAOMR held at Mangalore 21st-23rd November 2014.
- Dr.S.Mahalakshmi presented paper titled"Psychosocial aspect of cancer patients- A Qualitative study" in National Triple O Symposium held at Bangalore 13 th-15th March 2015.
- Dr.Suchetha D.N presented paper titled "Relationship between salivary flow rates and candida counts in patients with xerostomia." in National Triple O Symposium held at Bangalore 13 th-15th March 2015.
- Faculty Award/recognition:
- Dr.S .Mahalakshmi awarded second best paper titled "Psychosocial aspect of cancer patients-A Qualitative study" in National Triple O Symposium held at Bangalore 13 th-15th March 2015
- Chairing Scientific Sessions:
- Dr Suhas. S

○ **Chairperson Scientific Committee**: National Triple 'O' Symposium on "Oral Cancer – Behind The Scene And Beyond" MS Ramaiah Dental College and Hospital , held on13 th-15th March 2015, Bangalore.

○ **Chairperson Scientific Committee** : National Under graduate Convention, Indian Academy of Oral Medicine and Radiology, held on 31st August 2013 at AECS Maruti College of Dental Sciences& Research Centre, Bangalore

- Invited Member , Scientific Committee: Clinical Innovation Section- National Post graduate Symposium, Indian Academy of Oral Medicine and Radiology, 2014,Dayanandsagar Dental College Bangalore
- Dr S. Jayadev
- Dr Sachin Ganesan
- National Under graduate Convention, held on 31st August 2013 at AECS Maruti College of Dental Sciences& Research Centre, Bangalore.
- National Under graduate Convention IAOMR-national UG convention 20th september 2014.

- XIII National Triple 'O' Symposium on "Oral Cancer –Behind The Scene And Beyond" MS Ramaiah Dental College and Hospital , held on13 th-15th March 2015, Bangalore.
- Dr S.Mahalakshmi
- National Triple 'O' Symposium on "Oral Cancer –Behind the Scene And Beyond" M.S Ramaiah Dental College and Hospital, held on13 th-15th March 2015, Bangalore.
- National undergraduate convention 2014 held on 20th September 2014 at Oxford dental college and hospital, Bangalore.
- Dr Suchetha D.N.
- National Triple 'O' Symposium on "Oral Cancer –Behind The Scene And Beyond" MS Ramaiah Dental College and Hospital , held on13 th-15th March 2015, Bangalore.
- Seminars/ conferences/ workshops organized and the source of funding (National/ international) with details of outstanding participants if any.
- CDE on "CLINICAL EXCELLENCE-III" Sri Siddhartha Dental College held on 4th September 2013
-

Topic	**Speaker**
Sialography	Dr Srinivas K
Heart Matters in Tooth affaris	Dr Kishan Paniker
Potentially Malignant Oral Lesions	Dr S Jayadev
Epidemiology of oral precancer &cancer in Tumkur District	Dr.Bharateesh JV
Pathological perspectives for biopsy procedure	Dr Jyothi Mahadesh
Demonstration of Vital Staining	Dr S Mahalakshmi

29. Code of ethics for research followed by departments- All research proposals of the department are reviewed by Institution Review Board

30. Student profile program –wise

Name of the program	Applications received	Selected Male female	Pass percentage Male female
BDS			

31. Diversity of students

Name of the program	% of students from the same university	% of students from other universities within state	% of students from other universities outside the state	% of students from other countries

32. How many students have cleared Civil services and defense services examinations , NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELT San other competitive examinations ?

No information available in the Department

33. Student progression :

Student progression	Percentage against enrolled

34. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	Nil
From other universities within the state	5 out of 5 100%
From universities from other states	Nil
From universities outside the country	Nil

35. Number of faculty who were awarded M.phil, DM, PhD., D.Sc and D.Litt. during the assessment period---

None

36. Present details of departmental infrastructural facilities with regard to

a) **Library:**

11 Text books ,

seminars:

Not applicable

Library dissertations:

Not applicable,

Main dissertations:

Not applicable

b) Internet facilities for staff and students:

YES

c) Total number of class rooms:

1 seminar room

d) Class rooms with ICT facility and smart class rooms:- None

e) Students laboratories

– Not applicable

f) Research laboratories – Digital extra oral radiography machine including orthopantomography

37. List of doctoral, post doctoral students and research associates

a) From the host institution/ university

----None

b) From other institution/ university

----None

38. Number of post graduate student getting financial assistance from university.-

Not applicable

39. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology: None

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

40. List of the distinguished alumni of the department (maximum 10):

Not applicable

41. Give details of student enrichment programs (special lectures/ workshops/ seminar)involving external experts.-

The following enrichment programmes were conducted for undergraduate students,

- Toulidine blue staining for evaluation of potentially malignant oral mucosal lesion.
- Physiotherapy for management of oral sub mucous fibrosis.
- Interpretation of extraoral images.
- Assessment of quality and quantity of pain using pain dairy in neuralgia patients.

42. List the teaching methods adopted by the faculty for different programs including clinical teaching: discussions, case analysis, theory classes, surgery observation.

- Use of chalk and board & power point presentation for theory classes.
- Demonstrations on patients.
- Case analysis and arrival at provisional and differential diagnosis .
- Special case analysis and discussion.
- Discussion in clinics
- Radiographic technique demonstration on phantom head model.
- Demonstration of film processing .
- Encouraging radiograph interpretation and radiographic diagnosis

40. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? :

- By conducting three theory internal assessment yearly
- By conducting end posting clinical and viva-voce.

41. Highlight the participation of students and faculty in extension activities.

- Quiz
- Essay

42. Give details of "beyond syllabus scholarly activities" of the department.

43. Encourage students to present posters or papers at State and National level conferences.

44. State whether the program /department is accredited /graded by other agencies? If yes give details: None

45. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Customized treatment regimens for management of Orofacial pain conditions
- Cost effective printing solutions for printing extraoral radiographic images
- Phantom head model for teaching dental radiography to undergraduate students

46. Detail 5 major strengths, weaknesses, opportunities and challenges (SWOC) of the department.

a. Strength:

i. Well established and fully equipped department. The department provides the best and prompt services to the patients.

ii. Exposure to interesting and rare cases

iii. Updating the knowledge of the staff is given importance. The staff attend various CDE's, national conferences , PG symposiums to update their knowledge and skills so that they can teach the students with all recent advances happening in field of oral medicine and radiology.

iv. Multidisciplinary treatment provided to the patients , patients who need inter department consultation and treatment planning are given special emphasis & all necessary actions are taken by all the departments in collaboration to provide the best treatment to the patient.

b. Weakness :

c. The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

d. Opportunities :

i. Deal with interesting and rare cases.

ii. Increase the referrals of patients from surrounding rural areas

iii. Students & faculty are encouraged to perform research activity and to attend the national conferences.

e. Challenges :

i.Managing rare cases

47. Future plans of the department

	2015-16	2016-17	2017-18	2018-19	2019-20
Courses					To start Post graduation program
TLE	Special coaching for slow learners	Problem based learning activities	Host Continued Dental Education programs	Intensify the integrated teaching programmes	To conduct work shops
Administration	To set up an Exclusive counseling clinic for Orofacial pain and	To set up an Exclusive Orofacial pain & TMJ Clinic	To set up an Exclusive oral mucosal diseases Clinic	To train faculty in operating CT machine	To train faculty in operating MRI machine

	oral cancer patients				
Research/ Extension	To publish articles in indexed journals To present papers in conferences	To collaborate with different Departments of Sri Siddhartha Medical College for developing an inter referral program through identification of oral manifestation of systemic diseases	To collaborate with Department of Radiodiagnosis , Sri Siddhartha Medical college for training in USG usage and Interpretation of USG Images	To collaborate with Department of Radiodiagnosis , Sri Siddhartha Medical college for training in CT console usage and Interpretation of CT Images	To collaborate with Department of Radiodiagnosis , Sri Siddhartha Medical college for training in MRI console usage and Interpretation of MRI Images
Infrastructure	To procure	To Procure	Upgrade	To procure	To procure

And services	TENS therapy unit	automatic IOPA processor	faculty rooms and seminar room in department	stand by IOPA Radiography machine	Ultrasound machine
Innovation	Creating awareness among general public regarding Orofacial pain	To conduct screening and treatment camp for Orofacial pain sufferers among the general public	To conduct inter college workshop and enrichment programs	To create awareness on TMJ diseases among medical health professionals	To conduct workshops to enlighten the effective application of specialized radiographic techniques in orofacial region
Collaborations/ Linkages	Link with Cancer treatment centers in Tumkur and Banga	Link with Cancer treatment centers in Mysore and Davang	Collaboration with Oral Medicine Department of other dental colleges at State	Collaboration with Oral Medicine Department of other dental colleges at national	Collaboration with Oral Medicine Department of other dental colleges at internatio

	lore	ere	level	level	nal level

Evaluative Report of the Department

1. **Name Of The Department :** Oral and Maxillofacial Surgery
2. **Year Of Establishment :** 1992
3. **Is the department part of a college/faculty of the university? :**

Yes,the department is faculty of university

4. **Names of programs offered** :

BDS,MDS

5. **Interdisciplinary programs and departments involved**

a. Post graduate students of 1st year attend peripheral postings in basic and other allied clinical subjects in Sri Siddhartha Medical College and Hospital, Tumkur.

SL NO	DEPARTMENT	NUMBER OF DAYS
1	Anatomy	15 days
2	Physiology	15 days
3	Biochemistry	15 days
4	Microbiology	15 days
5	Pathology	15 days
6	General medicine	15 days
7	General surgery	15 days
8	Emergency	30 days
9	ENT	15 days
10	Ophthalmology	15 days
11	Anesthesiology	15 days
12	Orthopedics	15 days

i. **Anatomy**- Brief review about anatomy of whole body in general and surgical anatomy of head and neck, cadaveric dissection of head and neck, development of face, paranasal sinuses and their applied aspects.

ii. **Physiology**- here the post graduate students are taught about nervous system, CVS, fluid and electrolyte balance, respiratory system, blood and its components, etc.,

iii. **Biochemistry**- here the post graduate students are taught about various biological principles of the body, intermediary metabolism.

iv. **Microbiology**- post graduate students learn about immunity, hepatitis B and its prophylaxis, organisms which causes diseases in the oral cavity, urine analysis and culture techniques.

v. **Pathology**- In pathology students learn about inflammation, role of NSAIDS in inflammation, wound management, shock, hypersensitivity, neoplasm, carcinogenesis, grading and staging of tumors etc.

vi. **General Medicine**- here the post graduate students taught about general assessment of the patient including children with special emphasis on cardio vascular , endocrinal, metabolic, respiratory and renal diseases.

vii. **General surgery**- here the students are taught about principles of general surgery, exposure to common general surgical procedures.

viii. **Emergency/Casualty**- here students are taught about primary trauma care, clinical neurological examination, CPR, cervical spine injuries and their management, assessment of neurological injuries.

ix. **ENT**- students learn about examination of Ear, Nose , throat and exposure to ENT surgical procedures

x. **Ophthalmology** – post graduate students learn about anatomy of orbit and its contents, and they get exposed to various ophthalmological surgical procedures.

xi. **Anesthesiology**- evaluation of patients for GA technique and management of emergency, various IV sedation techniques.

xii. **Orthopedics**- basic principles of orthopedic surgery, bone diseases and trauma as relevant to maxillofacial surgery.

In addition to above postings post graduate students have to present seminars once a week which has to be attended by other students and teaching staff.

Journal clubs are conducted once a week at department and interdepartmental level.

b. During 2nd year post graduate students attend postings in Kidwai Institute of Oncology and research centre, Bangalore for two months.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

a. 1st year postgraduates attend orientation course conducted by Rajiv Gandhi University of Health Sciences Bangalore.

b. Post graduate students attend postings in Kidwai Institute of Oncology and research centre, Bangalore for a two months course.

7.Details of programs discontinued, if any, with reasons

None

8.Examination system: Annual examination conducted by Sri Siddhartha University, Tumkur

9.Participation of the department in the courses offered by other departments-

Basic Life support course conducted by the Department of Anesthesiology, SSMC has been attended by the Department faculty and post graduate students.

Interdepartmental meets are conducted every fortnight to encourage exchange of knowledge between various departments.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professor/Asst.Professor/others)

Cadre	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	--	3	--
Reader	--	3	--
Lecturer	--	2	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. Of Year Of Experience
Dr.Ashok kumar. K.R	MDS	Professor & HOD	Oral and Maxillofacial Surgery Cleft lip and palate	13 yrs 6 months
Dr.Satish.R	MDS, DNB	Professor	Oral and Maxillofacial Surgery	12 years
Dr.Ragavendra.k	MDS, PGDHHM	Professor	Oral and Maxillofacial Surgery Hospital management	
Dr.Ravi kumar.R	MDS	Reader	Oral and	8 yrs

			Maxillofacial Surgery	
Dr.Preethi bhat	MDS, FICOI	Reader	Oral and Maxillofacial Surgery Oncology	7 yrs 7 months
Dr.Marimallappa.T.R	MDS, FICOI	Reader	Oral and Maxillofacial Surgery Implantology	6 yrs
Dr.Ramya Rajanna	MDS	Lecturer	Oral and Maxillofacial Surgery	2 yrs 8 months
Dr.Swetha shree	MDS	Lecturer	Oral and Maxillofacial Surgery	2 yrs 9 months.

12. list of the senior visiting Fellows, adjunct faculty, emeritus professor- None

13. percentage of classes taken by temporary faculty- program-wise information- None

14. program-wise Student Teacher Ratio:

a. BDS – 5 : 1

b. MDS – 1.3 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

As per DCI, 1support staff and 1 administrative staff

Number of technical staff	3
Administrative staff	0

16. Research thrust areas as recognized by major funding agencies: None

17. Number of faculty with ongoing projects from

a) National

b) International funding agencies -

c) Total grants received. Give the names of the funding agencies, project title and grants received project –wise

List of ongoing projects	2014-2015	2	1.Dr.Abbirammy **Management of fascial space infections using ultrasonography as a surgical guide for drainage**. 2014 Guided by Dr.Raghavendra.K 2. Dr.Sameera Quereshi **Assessment of facial fractures using ultrasound** 2014 Guided by Dr Ashok Kumar K.R
	2013-2014	2	1 Dr.Sooraj **Cone beam computed tomography and panoramic radiography for the evaluation of mandibular canal injury-A prospective comparative study**" 2014 Guided by Dr.Sathish.R 2. Dr.Salood Siddique **Evaluation of submucosal and intramuscular Dexamethasone on postoperative discomfort after third molar surgery** 2014 Guided by Dr Ashok Kumar K.R

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration---None

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received—

None

20. Research facility /center with

- **State recognition- PhD Center**
- National recognition- Recognised by DCI

- International recognition- Recognised by Malaysian Government

21. Special research laboratories sponsored by /created by industry or corporate bodies –

IVF Assisted reproduction and research center by Sri Siddhartha Medical college and Hospital Tumkur.

22. Publications:

- Number of papers published in peer reviewed journals (national/ International)
- National: / International:24

Publications

1. Ashok Kumar KR, MarimallappaTR. Odontogenic keratocyst of maxillary sinus extending to cranial base- case report. IMAGE. 2009;10(1):6-13.

2. Ashok Kumar KR, Gouder G. Central giant cell granuloma-a case report. Journal of dental Sciences and Research.2010 Feb;1(1):1-5

3. Ashok Kumar KR, Omprakash TL, Gouder G, Ravi Kumar R. Osteochondroma of mandibular condyle-case report. Journal of dental Sciences and Research.2010 Sep;1(2):57-66.

4. Ashok Kumar KR, Clinical and histological comparison of polyglycolic acid suture with black silk suture after minor oral surgical procedure. The Journal of contemporary dental practice. 2012 July-Aug;13(4):521-27.

5. Ashok Kumar KR. Natal teeth-Review of literature and a case report. The Journal of contemporary dental practice. 2013 Jun;5(2):65-67.

6. Ashok Kumar KR. Dysgenetic polycystic disease of the parotid gland: Report of a case and review of literature. Journal of oral and Maxillofacial pathology. 2013 May-Aug;17(2):248-52.

7. Ashok Kumar KR, Arora S, Marimallappa TR. Bilateral Nasolabial flap in reconstruction of the floor of the mouth. BFUDJ.2014 June;5(2):114-17.

8. Ashok Kumar KR. Solitary cellular neurofibroma of alveolar mucosa unassociated with neurofibromatosis-1. Journal of orofacial sciences. 2015 Jan-Jun; 7(1):33-36.

9. Sathish R. Submandibular salivary calculi. Journal of dental sciences and research 2009;1(1):16-22.

10. Sathish R, Suhas S, Gouder G, Ravi Kumar R. Embedded toothbrush foreign body in cheek-report of an unusual case.European Journal of pediatric dentistry. 2011;12(4):273-75.

11. Sathish R ,Gorlin goltz syndrome-A case Report. Journal of dental sciences and research.2011;2(2):1-5

12. Sathish R Rare Case of Superio lateral dislocation of Condyle.Oral & Max Fac Surg 2013;17(1):59-61

13. Sathish R Verroucas Xanthoma of Faucial Pillar -A Case Report .Otolaryngology 3(4): 1-3

14. Sathish R Transmigration of mandibular canine. Orthodontic update 23-29

15. Sathish R. Central odontogenic fibroma-A case report Journal of Indian society of Periodontology 2014;18(2):240-43.

16. Raghavendra Efficacy of oragel in periodontal disorder The Antiseptic 1999; 96(6):222

17. Raghavendra Digital dental photography –Capture to create the perfect smile. Journal of dental sciences and research2010 Feb;1(1):1-5

18. Ravikumar R, Raghavendra K, Santosh Kumar. Aggressive Juvenile ossifying Fibroma of the anterior mandible- A rare case report .Journal of dental sciences and research.2014 Feb;4(1):26-34.

19. Goudar G, Ravikumar R, Manjunath GA.Osteoma of the mandible-A case report .Journal of dental sciences and research.2011 Feb;2(1):116-121.

20. Bhat P,Cariappa KM. Lefort 2 osteotomy for the treatment of nasomaxillary hypoplasia -a case report .J Maxillofac Oral Surg 2009; 8(4):390-93.

21. Bhat P,Cariappa KM. Inferior Alveolar Nerve Deficits and Recovery Following Surgical Removal of Impacted Mandibular Third Molars . J. Maxillofac Oral Surg 2012;11:304-8.

22. Rao G,Bhat P ,Bone Regeneration in Extraction Sockets with Autologous Platelet Rich Fibrin Gel J Maxillofac Oral Surg 2013 Mar;12(1):11-16.

23. Shetty T,Bhat P, Platelet rich fibrin gel as a medium for local drug delivery of metronidazole IJHS 2014,1(3):113-122.

24. Marimallappa TR. A comparison between 2.0-mm standard and 2.0-mm locking miniplates in the management of mandibular fractures. J Maxillofac Oral Surg 2009 May;8(2):145-49.

- Monographs –None
- Chapters in Books- None
- Books edited –None
- Books with ISBN with details of publishers

- Number listed in International database (for e.g. Web of science, Scopus, humanities international complete, dare database- international social sciences directory, EBSCO host, Medline, etc.)
- Citation index range/ average

Faculty	No. of citation	Total no. of publications	Citation index	Dept average
Dr.Ashok kumar. K.R		8		
Dr.Satish.R		7		
Dr.Ragavendra.k		2		
Dr.Ravi kumar.R		4		
Dr.Preethi bhat		4		
Dr.Marimallappa.T.R		3		
Dr.Ramya Rajanna		0		
Dr.Swetha shree		-		

- SNIP
- SJR
- Impact factor- range/average
- H-index

23. Details of patents and income generated –

None

24. Areas of consultancy and income generated ----

None

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad

- Dr. Raghavendra. K was DCI inspector for Meenaksi Ammal Dental college Chennai in 2015

26. Faculty serving in

a) National committees/ International committees, Editorial Boards, any other (specify)

Board of Studies

Dr. Ashok Kumar KR has been appointed as a member of Board of Studies, in Professor Category, in Siddhartha Academy Of Higher Education, Tumkur

Reviewers

- Dr .Satish R, is Guest Reviewer,Journal of Otolaryngology
- Dr.Preethi Bhat ,Reviewer,Journal Of Maxillofacial and Oral Surgery,AOMSI
- Dr.Marimallappa, Reviewer,Journal Of Maxillofacial and Oral Surgery,AOMSI
- Dr.Marimallappa, Reviewer,Annals of Maxillofacial Surgery.

27. Faculty recharging strategies (Refresher/ orientation programs, workshops, training and similar programs).

The following are the teachers training program, faculty development program /national conferences attended by faculty of this department (information for------dates) from 2008 to till date

Sl	Name	Department	Place	Date	S	National	International
1	Dr Ashok Kumar K.R	Indian Dental Association	Belgaum	20th-22nd November, 2009	S		
2	Dr Ashok Kumar K.R	Face 2010	Bangalore	9th-11th April 2010		National	
3	Dr Ashok Kumar K.R, Dr.Sathish R. Dr.Marimallappa.T. R	Dept.Oral & Maxillofacial surgery ,Raja Rajeshwari College of Dental	Bangalore	15 May 2010	S		

		Sciences					
4	Dr Ashok Kumar K.R, Dr.Ravikumar.R. Dr.Marimallappa.T. R	Sri Siddhartha Dental College	Tumkur	28th & 29th July 2010	S		
5	Dr Ashok Kumar K.R Dr.Marimallappa.T. R	Indian society of Anesthesiologists Sri siddahartha Medical College	Tumkur	10-10-2010	S		
6	Dr Ashok Kumar K.R	Department of oral & Maxillofacial Surgery Government Dental College	Bangalore	15th & 16th November 2010	S		
7	Dr Ashok Kumar K.R, Dr.Ravikumar.R Dr.Marimallappa.T. R	Kidwai Institute of Oncology	Bangalore	26th,27th Nov,2010		National	
8	Dr Ashok Kumar K.R, Dr.Ravikumar.R Dr.Marimallappa.T.	Oral & Maxillofacial surgery	Tumkur	12th Jan,2011	S		

	R	Sri Siddartha Dental college					
9	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar.R,Dr .Marimallappa	Karnataka State chapter of AOMSI	Mysore	12th,13th March ,2011		National	
10	Dr Ashok Kumar K.R, Dr.Sathish R. Dr.Marimallappa.T. R	Indian Society of Oral Implantologists	Bangalore	26th-28th,october 2012		National	
11	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar. R,Dr.Ramya Rajanna Dr.Marimallappa.T. R	Siddartha Dental college	Tumkur	4th september 2013	S		
12	Dr Ashok Kumar K.R, Dr.Sathish R., Dr.Ravikumar.R,Dr . Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T. R	Siddartha Dental college	Tumkur	26th september 2013	S		
13	Dr Ashok Kumar	Siddartha	Tumkur	13th March	S		

	K.R, Dr.Sathish R., Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Marimallappa.T. R	Dental college		2013			
14	Dr Ashok Kumar K.R, Dr.Sathish R., Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Marimallappa.T. R	Siddartha Dental college	Tumkur	6th Febru ary 2013	S		
15	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T. R	Oral & Maxillof acial surgery	Tumkur	23rd octobe r 2013	S		
16	Dr.Sathish R., Dr.Ravikumar.R.	Dept.Oral & Maxillof acial surgery Govt.De ntal College and	Bangalore	23-24 Dece mber 2008	S		

		research Institute					
17	Dr.Sathish R.	Fotocon	Bangalore	23-25 October 2009	S		
18	Dr.Sathish R.	Dept. of Oral & Maxillofacial surgery Govt.Dental College and research Institute	Bangalore	26 Dec 2009	S		
19	Dr.Sathish R.	Karnataka State Dental Council(FDI-IDA-CDA)	Bangalore	19-21 Nov 2010	S		
20	Dr.Sathish R.	IDA Karnataka State Dental Council	Mysore	25-27 Nov 2011	S		
21	Dr.Sathish R.	Department	Bangalore	October	S		

		of Dentofacial Orthodontics ,K.L.E Institute of Dental Sciences		2012			
22	Dr.Sathish R.	National OOO Symposium		9-10 July 2010		National	
23	Dr.Sathish R	Scientific Congress Dentistry	Bangalore	23-25 July 2010	S		
24	Dr.Sathish R, Dr.Ravikumar.R	Kidwai memorial Hospital	Bangalore				
25	Dr.RaviKumar.R,Dr. Ramya Rajanna	Masterclass in Oral & Maxillofacial Surgery, RV Dental college, Bangalor	Bangalore	21 to 25 Jan 2013			International

		e					
26.	Dr.Ravikumar.R	1St Asian PG conventi on- Maxillof acial Surgery.	A.B.Shetty Dental college ,Manga lore	29-31st Aug 2013			Internat ion al
27	Dr. Ramya Rajanna	Department of Periodon tica, VSDC,	Bangalore	20th March 2013	S		
28	Dr.Preethi Bhat	Basics of implanto logy and sinus lift procedur es	DAPMRV Dental Colleg e, Bangalore	7th march 2008	S		
29	Dr.Preethi Bhat	Training of trainers program me ,RGUHS	D A PMRV Dental Colleg e, Bangalore	25, 26, 27th of feb 2009	S		
30	Dr.Preethi Bhat	Basic life support and CPR training program me by prime.	D A P M R V dental college	15th 16th Febru ary 2010	S		
31	Dr.Preethi Bhat	36th AOMSI national	New Delhi	23rd to 26th		Nati o	

		conference		nov 2011		nal	
32	Dr.Preethi Bhat	1st ICOI South Asian Implant Symposium, ,	The Grand Magrath,Bengaluru	13th, 14th and 15th April 2012			International
33	Dr.Preethi Bhat	Cytokines and other markers of inflammation and Laboratory diagnostics in periodontology	DAPM R V Dental College, Bangalore	20th Jan 2012	S		
34	Dr.Preethi Bhat	Principles of oral rehabilitation	DAPM R V Dental College, Bangalore	3rd and 4th of Feb 2012	S		
35	Dr.Preethi Bhat	3rd AOMSI State Conference,Karnataka .	Manipal Karnataka	March 2013	S		
36	Dr.Marimallappa.T.	Workshop on	Indian	10th oct	S		

	R	basic life support	society of anaesthesiologists	2010			
37	Dr.Marimallappa.T.R	Advances in forensic odontology	Academy of continuing dental education, MS Ramaiah Dental College	25ht & 26th JULY 2013	S		
38	Dr.Preethi Bhat	ICOI-Implant Foundation programme	DAPM R V Dental College, Bangalore	13th and 14th April 2014			International
39	Dr.Marimallappa.T.R	3rd ICOI South Asia Implant Symposium And preconference	IRC Convention center ,Hyderabad.	25-27 july 2014			International
40	Dr. Ramya Rajanna	Department	Bangalore	6th March	S		

		of Implantology,V.S dental college		2013			
41	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T.R	Pedozest 2015	Sri Siddhartha Dental College and Hospital ,Tumkur	26th-28th February 2015		National	
42	Dr.Preethi Bhat Dr.Ramya Rajanna	5th AOMSI State Conference,Karnataka	DA PMRV Dental College ,Bangalore	6th and 7th March 2015	st		
43	Dr.Ashok Kumar Dr.Sathish .R	Live surgical workshop on Transport Distraction Osteogenesis	College of Dental Sciences, Davanagere	28th March 2015	st		
44	Dr Ashok Kumar K.R, Dr.Sathish R,	Perio gyan Clinical excellen	SSDC, Tumkur	10th Sep 2014	st		

	Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T. R	ce-VII					
45	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T. R	Gateway to Dental Implants excellence-VIII	SSDC, Tumkur	15th Oct 2014	st		
46	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T. R	Endo Restorative Continuum Clinical excellence-IX	SSDC, Tumkur	19-11-2014	S		
47	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T. R	Prosthodontics for healthy bite Clinical excellence-X	SSDC, Tumkur	17th Dec 2014	S		

48	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T. R	Braces to Change Faces Clinical excellence-XI	SSDC, Tumkur	18 Feb 2015	S		
49	Dr Ashok Kumar K.R, Dr.Sathish R, Dr.Ravikumar. R,Dr. Ramya Rajanna Dr.Preethi Bhat Dr.Marimallappa.T. R	Dermopath Clinical excellence-XII	SSDC, Tumkur	27th March 2015	S		

52	Dr Swetha Shree	"Esthetic facial surgery"-	Live work shop at Government dental college & research institute, Bangalore		State
53	Dr Swetha Shree	"Rapid review course"-	Sri Ramachandra Dental College & Hospital, Chennai	from9t-12th September	State

54	Dr Swetha Shree	"The wonderful world of dentistry	K.L.E. society's institute of dental sciences. Bangalore.	12th Oct 09	State
55	Dr Swetha Shree	"ONCONET-CANCER DETECTION, PREVENTION & CURE	K.L.E. Society's Institute of Dental Sciences. Bangalore.	29th April 2010.	State
56	Dr Swetha Shree	Orthognathic & Cleft Lip & Palate Surgeries. On	"FACE 2010"	9th & 10th April 2010.	State
57	Dr Swetha Shree	Evidence Based Management of Head & Neck Cancers."	Narayana Hrudaylaya Bangalore	8th & 9th May 2010	State

58	Dr Swetha Shree	Surgical site infection	DEVARAJ URS MEDICAL COLLEGE.	11-12-2009	State
59	Dr Swetha Shree	FACETHETICS – work shop on hair implant	"FACE 2010"	12 AUGUST	State

				2013	
61	Dr Swetha Shree	PEDOZEST 12 th national post graduate conference	SIDDARTHA DENTAL COLLEGE	26-28 2014	State
62	Dr Swetha Shree	OOO SYMPOSIUM	VAKALIGARA SANGA DENTAL COLLEGE	2010	State
63	Dr Swetha Shree	Approaches to trauma	Sri siddhartha medical college		State
64	Dr Swetha Shree	Clinical excellence-XII	SSDC	2015	State

Guest lectures presented:2011 to till date

Sl.	Faculty/Department	Topic/Title	Date and Place
1	Dr.Raghavendra K Oral and Maxillofacial Surgery	Lecture and Demonstration on Basics in CPR	2011,2012,2013,2014,and 23/01/2015
2	Dr.Raghavendra K Oral and Maxillofacial Surgery	Lecture on Dental Photography and workshop	2011,2012,2013,2014,and 11/3/2015
3	Dr.Raghavendra K Oral and Maxillofacial Surgery	Lecture on Tobacco Cessation	May 31,2014. Indian Red cross society,Bangalore.
4	Dr.Raghavendra K Oral and Maxillofacial	Lecture on Tobacco Cessation	May 31, 2015 Indian Red cross

	Surgery		society,Bangalore.
5	Dr.Raghavendra K Oral and Maxillofacial Surgery	Lecture on Tobacco Cessation	June 4, 2015 SSDC
6	Dr Ashok Kumar K.R Oral & Maxillofacial surgery	Research Methodology	10th & 11th October2013 SSDC, Tumkur

Chairing the Session:

Sl. No	Name of Speaker	Department	Topic/Title	Date and Place
1	Dr.Preethi Bhat	Oral & maxillofacial surgery	5th AOMSI State Conference, Karnataka	6th and 7th March 2015 DA PMRV Dental College ,Bangalore
2	Dr.Ravikumar.R	Oral & maxillofacial surgery	ASMACON- PG convention	29-31 August 2013,Mangalore

Staff presentations:

Sl No.	Name	Title
1	Dr.Preethi Bhat	Bone regeneration in extraction sockets with autologous platelet rich fibrin gel"in the 36th AOMSI National Conference held in New Delhi 23rd to 26th Nov 2011,

28. Student projects(from 2008 to till date)

- Percentage of students who have taken up in house projects including interdepartmental project
  - All the post graduate students take up research topic and write dissertation.

- Completed project - 8
- Ongoing projects – 4

Sl	Name of the Guide	Department	Title	Agency	Period	Name of the Student
1	Dr.Gayathri Goudar	Oral & Maxillofacial surgery	Evaluation of extracted socket healing using platlet rich plasma	SSDC	2008-2010 completed	Dr.Om Prakash TL
2	Dr.Gayathri Goudar	Oral & Maxillofacial surgery	Evaluation of 3-diamensional titanium miniplates in mandibular fractures	SSDC	2008-2010 completed	Dr.Manjunath
3	Dr.Gayathri Goudar	Oral & Maxillofacial surgery	A prospective comparison of octyl-2-cyanoacrylate and suture in standardized facial	SSDC	2010-2012 completed	Dr.Subramanya

			incisions			
4	Dr Ashok Kumar K.R	Oral & Maxillofacial surgery	Comparison of two different flap designs in the surgical removal of bilateral impacted mandibular third molar	SSDC	2010-2012 completed	Dr.Shivani Arora
5	Dr Ashok Kumar K.R	Oral & Maxillofacial surgery	Hemostasis and post operative care of oral surgical wounds by hemcon dental dressing- A post operative clinical study	SSDC	2011-2013 completed	Dr.Jambukeshava Kumar
6	Dr.Gayathri Goudar	Oral & Maxillofacial	A study to evaluate the	SSDC	2011-2013 complete	Dr.Shwetha

		surgery	efficacy of intermaxillary fixation screws in maxillofacial trauma		d	
7	Dr Ashok Kumar K.R	Oral & Maxillofacial surgery	Evaluation of submucosal and intramuscular Dexamethasone on postoperative discomfort after third molar surgery	SSDC	2014-Ongoing	Dr.Salood Siddique
8	Dr Ashok Kumar K.R	Oral & Maxillofacial surgery	Assessment of facial fractures using ultrasound	SSDC	2014-ongoing	Dr.Sameera Siddique
9	Dr.Sathish R.	Oral & Maxillofacial surgery	A radiological evaluation of bone healing in	SSDC	2013-15 completed	Dr.Alangkar Saha

			post extraction sockets following bone grafting using Beta-Tri calcium phosphate $ Calcium Phosposilicate-A controlled Comparative Study			
10	Dr.Sathish R.	Oral & Maxillofacial surgery	Cone beam computed tomography and panoramic radiography for the evaluation of mandibular canal injury-A PROSPECTIVE COMPARA	SSDC	2014-ongoing	Dr.Sooraj

			TIVE STUDY"			
11	Dr.Raghavendra. K	Oral & Maxill ofacial surgery	Evaluation of the incidence and recovery of Neurosen sory deficienci es in patients undergoin g major and minor surgeries in maxillofa cial region	SSDC	2013-15 Complete d	Dr.Som Ranjan Pathak
12	Dr.Raghavendra. K	Oral & Maxill ofacial surgery	Management of fascial space infections using ultrasono graphy as a surgical guide for drainage.	SSDC	2014-ongo ing	Dr.Abbirammy

29. Awards /recognitions received at the national and international level .

Name	Award	Year		
Dr.Preethi Bhat	Best Poster/1st prize	2013	3rd AOMSI State Conference,Karnataka .	Manipal,Karnataka

30. Seminars/ conferences/ workshops organized and the source of funding (National/ international) with details of outstanding participants if any.

List of seminars conducted	2014-2015	28	1.FIBRO OSSEOUS LESION- DR SOMRANJAN 2.TMJ ANKYLOSIS- DR ALANGKAR 3. ANTIBIOTIC & ANALGESIC-DR SALUD 4.WOUND HEALING- DR SOORAJ 1. CLEFT LIP&PALATE- DR SOMRANJAN 6. DISSTRACTION OSTEOGENISIS- DR ALANGKAR 7. PRECANCEROUS LESION- DR SALUD 8. PRECANCEROUS CONDITION- DR SOORAJ 9. LOCAL ANESTHESIA- DR SAMEERA 10. TRIGEMINAL NERVE- DR ABBIRAMY 11.IMPLANTS- DR SOMRANJAN 12. FLAPS IN ORAL SURGERY-DR ALANGKAR 13. MEDICAL EMERGENCY- DR SALUD

			14.FLUIDS& ELECTROLYTE BALANCE-DR SOORAJ 15.NERVE BLOCKS- DR SAMEERA 16.OSTEOLOGY OF MAXILLA & MANDIBLE- DR ABBIRAMY 17.NECK DISSECTION-DR SOM 18.GRAFTS IN ORAL SURGERY-DR ALANGKAR 19.IMPACTION-DR SALUD DR RAGVENDRA 20. ANEMIA –DR SOORAJ 21.BLOOD SUPPLY OF Head & Neck DR SAMEERA 22. LYMPHATIC SUPPLY OF H&N- DR ABBIRAMY 23. MIDFACE FRACTURE- DR SOMRANJAN 24.SPACE INFECTION- DR ALANGKA 25.TRACHEOSTOMY- DR SALUD 26. CARDIOPULMONARY RESUCITATION- DR SOORAJ 27.STERILIZATION- DR SAMEERA 28.EXODONTIA- DR ABBIRAMY
	2013-2014	25	1. OSTEOLOGY OF MAXILLA-DR SOMRANJAN

			2. TMJ SURGICAL ANATOMY-DR SOMRANJAN 3. NOSE AND MAXILLARY SINUS-DEVELOPMENT AND SURGICAL ANATOMY- DR SOMRANJAN 4. TRIGEMINAL NEURALGIA-DR ALANGKAR 5.LOCAL ANESTHESIA-DR ALANGKAR 6. EXODONTIA- DR ALANGKAR 7. OSTEOLOGY OF MANDIBLE-DR ALANGKAR 8. TRIANGLE OF NECK-DR ALANGKAR 9. MIDLINE STRUCTURES OF NECK- DR ALANGKAR 10. ATERIAL AND VENOUS SUPPLY OF HEAD AND NECK-DR ALANGKAR 11. SURGICAL ANATOMY OF TEMPORAL AND INFRATEMPORAL REGION- DR ALANGKAR 12. AIRWAY MANAGEMENT IN TRAUMA-DR JAMBUKESHWAR 13.IMPACTION- DR JAMBUKESHWAR 14. MANDIBULAR FRACTURE- DR JAMBUKESHWAR 15. PRE ANESTHETIC

			MEDICATIONS- DR JAMBUKESHWAR 16. TMJ ANKYLOSIS- DR SHIVANI 17. INTERNAL DEARRANGEMENT OF TMJ- DR SHIVANI 18. LOCAL FLAPS IN ORAL SURGERY-DR SHIVANI 19. REGIONAL FLAPS IN ORAL SURGERY-DR SHIVANI 20. VASCULAR LESIONS- DR SHIVANI 21. NECK DISSECTION- DR SHIVANI 22. GRAFTS IN ORAL SURGERY-DR SHIVANI 23. TUMORS OF SALIVARY GLANDS- DR SHIVANI 24. GIANT CELL LESION-DR SHIVANI 25. CLEFT LIP AND CLEFT PALATE-DR SHIVANI
	2012-2013	24	1.MIDFACIAL FRACTURES-DRSHIVANI 2. ZYGOMATIC FRACTURES-DR.SHIVANI 3. NOE FRACTURES- DR SHIVANI 1. ODONTOGENIC CYST- DR SHIVANI 2. NON ODONTOGENIC TUMOR-

			DR SHIVANI 6. FIBRO OSSEOUS LESION- DR.SUBRAMANYA 7. BIOLOGY OF CANCER/DIAGNOSIS- DR.SUBRAMANYA 8. LOCAL AND REGIONAL FLAPS- DR.SUBRAMANYA 9. VASCULAR LESION- DR.SUBRAMANYA 10. NECK DISSECTION- DR.SUBRAMANYA 11. TRIGEMINAL NEURALGIA- DR.SUBRAMANYA 12. IMPLANTS- DR.SUBRAMANYA 13. DISTRACTION OSTEOGENESIS- DR.SUBRAMANYA 14. RADIOTHERAPY- DR.SUBRAMANYA 15. CHEMOTHERAPY- DR.SUBRAMANYA 16. DIAGNOSTIC AIDS IN ORAL AND MAXILLOFACIAL SURGERY- DR SWETHA 17. PRIMARY CARE IN TRAUMA- DR SWETHA 18. GENERAL ANESTHESIA- DR SWETHA 19. TRACHEOSTOMY- DR SWETHA 20. HIV AND HBSAG- DR SWETHA DR RAVI

			21. TRIGEMINAL NERVE – DR SOMRANJAN 22. LOCAL ANESTHESIA- DR SOMRANJAN 23.NERVE BLOCKS- DR SOM 24. STERILIZATION AND DISINFECTION- DR SOMRANJAN
	2011-2012	24	1. HAEMORRHAGE- DR SHIVANI 2. MEDICAL EMERGENCIES-PART 2-DR SHIVANI 3.MEDICAL EMERGENCIES-PART 3-DR SUBRAMANYA 4. MEDICAL EMERGENCIES –PART 4-DR SHIVANI 5. MANAGEMENT OF PREGNANT PATIENTS- DR SUBRAMANYA 6.SYNCOPE- DR SHIVANI 7.CARDIOPULMONARY RESUSCITATION- DR SHIVANI 8. SHOCK-DR SUBRAMANIYA 9. WOUND HEALING- DR SHIVANI 10. STEROID IN ORAL SURGERY- DR SUBRAMANYA 11. TRIGEMINAL NERVE- DR JAMBUKESHWAR 12. STERILIZATION AND

			DISINFECTION- DR SWETHA 13. DIAGNOSTIC AIDS IN ORAL SURGERY- DR SHIVANI 14. TRACHEOSTOMY- DR SUBRAMANYA 15. HEMOSTASIS- DR JAMBUKESHWA 16. BLOOD GROUP- DR SWETHA 17. AIRWAY MANAGEMENT- DR SHIVANI 18.PRIMARY CARE OF TRAUMA PATIENTS-DR SUBRAMANYA 19. FAT SOLUBLE VITAMINS- DR JAMBUKESHWAR 20.WATER SOLUBLE VITAMINS- DR SWETHA 21. GENERAL ANESTHESIA- DR SHIVANI 22. PRE ANESTHETIC MEDICATIONS-DR SUBRAMANYA 23. WOUND HEALING- DR JAMBUKESHWAR 24. BONE HEALING-DR SWETHA
	2010-2011	27	1. STERILIZATION AND DISINFECTION- DR SUBRAMANYA 2.OSTEOLOGY OF MANDIBLE – DR SHIVANI 3.OSTEOLOGY OF MAXILLA- DR SUBRAMANIYA

			4. TRIANGLES OF HEAD AND NECK-DR SHIVANI 5. NOSE,MAXILLARY SINUS-DEVELOPMENT AND SURGICAL ANATOMY-DR SUBRAMANYA 6. TONGUE-DR SHIVANI 7. SALIVARY GLANDS-DR SUBRAMANYA 8. MIDLINE STRUCTURES OF THE NECK-DR SHIVANI 9. SURGICAL ANATOMY OF CRANIAL NERVES-DR SUBRAMANYA 10. SURGICAL ANATOMY OF TEMPORAL AND INFRATEMPORAL REGIONS-DR SHIVANI 11. AUTONOMIC NERVOUS SYSTEM-DR SUBRAMANYA 12. TMJ-SURGICAL ANATOMY-DR SHIVANI 13. FUNCTIONAL ANATOMY OF MASTICATION,SPEECH,DEGLUTATION,RESPIRATION AND CIRCULATION-DR SUBRAMANYA 14. PHYSIOLOGY OF CIRCULATION AND RESPIRATION-DR SHIVANI 15. DEVELOPMENT OF FACE AND ASSOCIATED STRUCTURES-DR SUBRAMANYA

			16. ARTERIAL AND VENOUS SUPPLY OF HEAD AND NECK- DR SHIVANI 17.BLOOD PRESSURE-DR SUBRAMANYA 18.CONGENITAL ANOMALIES OF HEAD AND NECK-DR SHIVANI 19. BLEEDING AND CLOTTING DISORDER-DR SUBRAMANYA 20. BLOOD AND BLOOD PRODUCTS-DR SHIVANI 21. IMMUNITY- DR SUBRAMANYA 22. BLOOD TRANSFUSION-DR SHIVANI 23. ANALGESICS- DR SUBRAMANIYA 24. BASICS OF ORAL SURGERY INCLUDING SUTURES- DR SHIVANI 25.FLUID AND ELECTROLYTE BALANCE- DR SUBRAMANYA 26. ANTIBIOTICS-DR SHIVANI DR.RAVI KUMAR 27. MEDICAL EMERGENCY-PART 1- DR SUBRAMANYA

31. Code of ethics for research followed by departments- Ethical Clearance for the research projects and dissertations are obtained through **Institutional Ethical Committee.**

32. Student profile program –wise

Program:BDS

Year	Appeared	Passed	Percentage (%)

	Jan		July		Jan		July		Jan		July	
	M	F	M	F	M	F	M	F	M	F	M	F
2012	None	None	02	04	None	None	02	04	None	None	100	100
2013	None	02	06	19	None	02	06	19	None	100	100	100
2014	None	04	15	19	None	04	12	17	None	100	80	89.47
2015	09	05	---	---	08	05	---	---	88.8	100	---	---

Program :MDS

Year	Appeared				Passed				Percentage(%)			
	June		Jan		June		Jan		June		Jan	
	M	F	M	F	M	F	M	F	M	F	M	F
2011	02	None	None	None	02	---	None	None	100	None	None	None
2012	None	None	None	None	---	---	None	None	None	None	None	None
2013	01	01	None	None	01	01	None	None	100	100	None	None
2014	01	01	None	None	01	01	None	None	100	100	None	None
2015	02	None	None	None	02	---	None	None	100	None	None	None

Ranks at University level bagged by our Post graduate student

Dr.Manjunath A:1st Rank- University Gold Medalist

33. Diversity of students

Since 2009 fourteen students enrolled for post graduation in Oral and Maxillofacail Surgery(MDS)

Name of the program	% of students from the same university	% of students from other universities within state	% of students from other universities outside the state	% of students from other countries
MDS	Nil	78.5%, (11) RGUHS	21.5%, (3) Mumbai Shimla Tamilnadu Universities	Nil

34. How many students have cleared Civil services and defense services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELT San other competitive examinations ?-None

35. Student progression

Student progression	Percentage against enrolled
UG to PG progression	Year of Admission 2009-2 students(100%) Year of Admission 2012-1 student(50%)

36. Diversity of staff

Percentage of faculty who are graduates Of the same university	Nil
From other universities within the state	100% (8) RGUHS & Manipal University
From universities from other states	Nil
From universities outside the country	Nil

37. Number of faculty who were awared M.phil, DM, PhD., D.Sc and D.Litt. during the assessment period---

None

38. Present details of departmental infrastructural facilities with regard to

a) Library: text books, seminars: Library dissertations:2

TEXT BOOKS IN DEPARTMENT LIBRARY

SL NO	TEXT BOOK	AUTHORS	ACC NO
1.	ORAL AND MAXILLOFACIAL SURGERY	NILIMA MALIK	C-69
2.	ORAL AND MAXILLOFACIAL SURGERY	GEGhali	
3.	Local anaesthesia	Stanley F malamed	311
4.	Cysts of ORAL AND MAXILLOFACIAL SURGERY	shear	2049
5.	Contemporary ORAL AND MAXILLOFACIAL	Edward ellis	2498

	SURGERY		
6.	ORAL AND MAXILLOFACIAL SURGERY. 4 th edition	topazia	2730
7.	Pediatric ORAL AND MAXILLOFACIAL SURGERY	kaban	1114
8.	ORAL cancer 5 th edition	silverman	2378
9.	Reconstructive aesthetic implant surgery		1243
10.	Text book of ORAL AND MAXILLOFACIAL SURGERY	peterson	379
11.	Evolving trends in ORAL AND MAXILLOFACIAL SURGERY	Chandrahat taware	2052
12.	Principles of ORAL AND SURGERY	moore	41
13.	Killey and keys outline of oral surgery part 1		578
14.	Outline of ORAL SURGERY	h.c killey	1107
15.	Lasers in oral and maxillofacial surgery	Catone and alling	1107
16.	Complex cleft palate and craniofacial defects		939

17.	Complex cleft palate and craniofacial defects		1229
18.	Oral and maxillofacial surgery	laskin	149
19.	Oral and maxillofacial surgery vol 2	laskin	2220
20.	Oral and maxillofacial surgery vol 2	laskin	329
21.	Oral and maxillofacial surgery	laskin	358
22.	Oral and maxillofacial trauma	Fonseca and walher	2732
23.	Oral and maxillofacial surgery vol 2	laskin	556
24.	sedative	Stanley F malamed	1139
25.	Dental anaesthesia and analgesia	allen	94
26.	Oral and maxillofacial tramatology vol 2	Kruger/shilli	1120
27.	Text book of Oral and maxillofacial surgery	kruger	97
28.	Text book of Oral and maxillofacial surgery	kruger	401
29.	Text book of Oral and maxillofacial surgery	kruger	93
30.	Oral and maxillofacial trauma	Fonseca and waller	752
31.	Maxillofacial injuries vol	Row and williams	2510

32.	Maxillofacial injuries vol2	Row and williams	2511
33.	Maxillofacial surgery 2nd edition vol 1	Peterward booth	2728
34.	Maxillofacial surgery 2nd edition vol	Peterward booth	604
35.	Maxillofacial trauma and esthetic f cial reconstruction	Peterward booth	1134
36.	Oral and maxillofacial trauma	fonseca	753
37.	Oral and maxillofacial trauma	fonseca	2738
38.	Oral and maxillofacial trauma	fonseca	2737
39.	Oral and maxillofacial trauma	fonseca	
40.	Oral and maxillofacial trauma 2 nd edition	fonseca	2736
41.	Pathways through surgical finals	J.A BRITO	488
42.	TEXT BOOK OF Oral and maxillofacial trauma	VINOD KAPOOR	
43.	CRANIOFACIAL TRAUMA	DAVID AND SIMPSON	1158
44.	CRANIOFACIAL AND MAXILLOFACIAL SURGERY IN CHILDREN AND YOUNG ADULTSB VOL 11	POSNICH	1125

45.	CRANIOFACIAL AND MAXILLOFACIAL SURGERY IN CHILDREN AND YOUNG ADULTSB VOL 11	POSNICH	1124

b) Internet facilities for staff and students: provided.

c) Total number of class rooms: 1 seminar room-1

d) Class rooms with ICT facility and smart class rooms: ----

e) Students laboratories

- None

f) Research laboratories

- None

39. List of doctoral, post doctoral students and research associates

a) From the host institution/ university

- None

b) From other institution/ university

-None

40. Number of post graduate student getting financial assistance from university-None

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

The need assessment exercise is done in Department Meetings, where the faculty members discuss the issue and create the draft, that is subsequently proposed in the Board Of Studies, which meets at regular intervals. It is further forwarded to Academic Council and Board of Management.

42. Does the department obtain feedback from

b. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

c. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

d. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List of the distinguished alumni of the department (maximum 10):

Dr.Manjunath A, our first batch student ,secured 1st Rank at University level (Gold Medalist) in MDS Exam conducted by SAHE in Sept 2012.

44. Give details of student enrichment programs (special lectures/ workshops/ seminar) involving external experts.-Department conducted continuing Dental education programme on the topic Dental Implants involving external experts –

Dr Ravishankar, Professor ,Department of Prosthodontics M S Ramaiah Dental college, Bangalore .

Dr Anjan kumar shah, Professor & Head of department of Implantology, Rajarajeshwari Dental College, Bangalore.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching: discussions, case analysis, theory classes, surgery observation.

- Use of power point presentations and live surgical videos
- Use of cadaveric specimen, radiographs, instruments and various drug samples for demonstration and discussion.
- Live demonstration of sterilization and asepsis procedures in clinics.
- Integrated learning of common topics through interdepartmental meetings.
- Seminars, Journal clubs, Case presentations, paper and Poster presentation for PG students.

BDS Programme

Discussion- Students are given topics for discussion in the department with a particular staff member as soon as they enter their clinical postings. Students are allowed to treat patients if their preparation is satisfactory.

Case analysis- Case analysis of the patient is done by a staff member with the student and the student is allowed to treat patient under the supervision of a staff member.

Theory classes-Theory classes for 3rd yr & Final yr UGs are conducted as per the number of hours allotted by DCI using audiovisuals like LCD projector and OHP.

Other teaching aids like models, charts etc are utilized whenever necessary.

Surgery observation- Undergraduates are allowed to observe minor & major surgeries done by the department staff & postgraduates to enhance their knowledge in handling instruments and patients.

MDS Program

Discussion-Apart from presenting seminars and journal clubs Postgraduates discuss a clinical topics allotted to them with the department staff to enhance their knowledge in a particular topic.

Case analysis-case history discussion is done at the chair side to improve the clinical acumen of the students.Students are instructed to make a power point presentation of the case to analyze their treatment plan and discussion is done accordingly. Bed side discussion of the postoperative clinical case is done during ward rounds.

Theory classes-Not applicable.

Surgery observation-1st year Postgraduates are allowed to observe and assist minor surgeries done by the department staff and senior postgraduates to improve their exposure and dexterity.2nd & 3rd year post graduates allowed to take minor surgical cases independently under the supervision of the department staff and also are allowed to assist major surgeries.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? :

- Conducting monthly Internal Assessments.
- Posting end exams in clinics.
- Infection control exams for final BDS students
- Monthly theory and clinical tests for post graduates.

47. Highlight the participation of students and faculty in extension activities.

Department encourages students and faculty to participate in the following activities at different levels (State and National).

- Students with the support of the University ,organize Medical Exhibition and awareness program(MEDEX)of various specialities ,in Medicine and Dentistry Students from Dept Of Oral Surgery participate with educating materials like posters,working models etc.
- Participation in Quiz and essay competetions
- Poster presentations and Paper presentations in conferences.

48. Give details of "beyond syllabus scholarly activities" of the department.

Students are encouraged to publish interesting clinical cases in various specialty journals. They are also encouraged to present posters and papers in various specialty conferences.

Students are encouraged to prepare posters and models on different topics which are displayed in the department to create awareness for the patients,general public and junior students.

Encouragement to participate in essay competitions.

49. State whether the program /department is accredited /graded by other agencies? If yes give details.

None

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Through the various student and faculty research projects, the impetus is on gaining new knowledge.

Various spectrums of surgical cases are operated upon, exposing the students to a wide range of surgeries, thereby enhancing their knowledge.

51. Detail 5 major strengths, weaknesses, opportunities and challenges (SWOC) of the department

Strength-

- Department has enough well qualified staff to take care of all the academic interests of the students and to treat most of the patients coming from different places surrounding the college.
- Good infrastructure is provided by the management which takes care of the necessity of student and patients with various backgrounds.
- The department has enough patient input for both outpatient and inpatient procedures. Most of the spectrum of cases is treated here.
- The department has a good support of Medical college with a good operation theatre and well equipped ICU with a dedicated team of anesthetists.

- Department provides free oral surgical treatment to all patients, thus benefitting the local rural population at large.

Opportunities-

- As there is good inflow of oral cancer patients there is an opportunity to develop this institute into a good cancer centre.
- Opportunity to increase the number of courses offered from the Department, to cater to the needs of students at various levels.
- There is an opportunity for the Department to increase the number of Postgraduate students.
- Opportunity exists to conduct Webinars and online education programs.

Weaknesses

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

52. Future plans of the department.

- To incorporate innovative teaching methodology.
- Work towards enhancing surgical training skills in students and faculty.
- Increase research activities in the department.

Evaluative Report of the Department

1. **Name of the Department:**

   Oral Pathology and Microbiology

2. **Year of establishment:**

   1992-93

3. **Is the Department part of a college/Faculty of the university?** Yes

4. **Names of programmes offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.):** BDS, MDS

5. **Interdisciplinary programmes and departments involved:**

- **Seminar presentations** by postgraduates in the Department of Biochemistry, Sri Siddhartha Medical College& Hospital, Tumkur.
- **Postgraduate postings**

1. Departments of Physiology, Biochemistry,Anatomy,General Pathology, General Microbiology And Pharmacology Sri Siddhartha medical College& Hospital, Tumkur.
2. Department of Oral Medicine & Radiology, Sri Siddhartha Dental College& Hospital, Tumkur.

- **Undergraduate postings**: None
- **Research (BDS and MDS students) and publication** with basic sciences departments of Sri Siddhartha Medical College& Hospital

Oral Medicine and Oral Surgery within the Dental College.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.: None**
7. **Details of programmes discontinued, if any, with reasons:** No programmes were discontinued
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Annual examination conducted by sri Siddhartha university, Tumkur
9. **Participation of the department in the courses offered by other departments**: None
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual
Professor	As per DCI	-	2
Reader	AsperDCI	-	2
Senior Lecturer	AsperDCI	-	1
Junior Lecturer	-;	-	-
Tutor/Clinical Instructor	-	-	-
Senior Resident	"	-	-

11. Faculty profile with name, designation, area of experience

Name	Designation	Qualification	Specialisation	**Experience**
Dr.Jyothi Mahadesh	Professor	MDS	Oral Pathology	**15y 4m**
Dr.Kokila .G	Professor	ii	II	**12y 7m**
Dr.Charan Gowda B.K	Reader	it	II	**8y, 6m**
Dr.Laxmidevi B.L	Reader	rr	II	**7y 11m**
Dr.Praveen	Senior	II	- "-	**2y 5m**

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: None

13. Percentage of classes taken by temporary faculty - programme-wise information: N.A.

14. Programme-wise Student Teacher Ratio: Approximately 1:9

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Number of Administrative Staff **0**

Number of Technical Staff 1

16. Research thrust areas as recognized by major funding agencies: None

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise

List of ongoing projects	2014-2015	1	Morphometric analysis of oral epithelial cells in normal epithelium and comparision with premalignant lesions, conditions and malignant lesions of the oral cavity.
	2013-2014	1	Immunohistochemical evaluation of HPV strains in Leukoplakia,

18. Inter-institutional collaborative projects and associated grants received (national & international collaboration)none

19. Inter-institutional collaborative projects

20. Research facility / centre with

- **state recognition**- SSU, Tumkur
- **national recognition** None
- **international recognition** None

21. Special research laboratories sponsored by/created by industry or corporate bodies: None

22. Publications:

Number of papers published in peer reviewed journals (national/international) – 10,

Monographs –None Chapters in Books –1 CharanGowda BK, Handbook of Forensic Dentistry, Paras Publication, 2008, pgs 100

Books edited – None

Books with ISBN with details of publishers - None

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc)

Citation Index - range/average

International publication	2014-2015		
	2013-2014	1	1. *Dr. Praveen*- Verrucous Xanthoma of Faucial Pillar -A Case Report
	2012-2013	1	.*Dr. Kokila.G*- Diabetes and oral health: A case-control study. International Journal of Preventive Medicine.2012; 3:806-9. (3rd author)
	2011-2012	1	*Dr.Jyothi.M*- Unicystic ameloblastoma with diverse mural proliferation- A Hybrid Lesion Imaging Science in Dentistry Vol 41, no. 1, March 2011, pg. 29-33
	2010-2011	1	*Dr. Laxmidevi. B.L*- Abberent Beta-Catenin Expression In The Hostologic Differentiation Of Oral Squamous Cell Carcinoma And Verrucous Carcinoma: An Immunohistochemical Study. J Oral Sci 2010;52(4) 633-40.
National publication	2014-2015	5	*Dr. Charan Gowda*- PostmortemPink Teeth v/s Antemortem Staining . *Dr. Laxmidev*i- Solitary cellular neurofibroma of alveolar mucosa unassociated with neurofibromatosis-1. Journal of Orofacial Sciences. 2015; 7 (1):33-36. *Dr. Praveen*- Importance of Histopathology in Diagnosis of Central Odontogenic Fibroma – A Case Report. *Dr. Jyothi. M*-Quantitative Assessment of Mast Cells

			in Oral Reactive Lesions. Dr. Praveen- Quantitative Assessment of Mast Cells in Oral Reactive Lesions.
	2013-2014	2	*Dr. Kokila. G*-- Oral Submucous Fibrosis- A Condition with Increasing Potential for Malignancy. Indian Journal of Dental Advancements. 2014; 6(2):1563-66. *Dr. Praveen*- Oral Submucous Fibrosis- A Condition with Increasing Potential for Malignancy. Indian Journal of Dental Advancements. 2014; 6(2):1563-66.
	2012-2013	1	*Dr. Jyothi Mahadesh*- Dysgenetic Polycystic disease of parotid gland- report of a Case and review of Literature.
	2011-2012	1	*Dr. Kokila.G*- Collagen in Histological Stages of Oral Submucous Fibrosis- A Polarising Microscopic Study. Journal Oral Maxillofacial Pathology 2012; 16; 162-6. (1st author)
	2010-2011	2	*Dr.Kokila.G*- Chondrosarcoma Of Mandibular Parasymphysis. Journal Of Dental Sciences And Research.1: 2; 30-38. (1st author) *Dr. Laxmidevi*- Ameloblastoma- Adding perspectives. Journal of Dental Sciences and Research. 2010; 1(2): 11-22.

Faculty	Citations since 2009	No of publications
Dr.Jyothi Mahadesh	02	02
Dr.Kokila.G	0	02
Dr.Charan Gowda	0	03
Dr.Laxmidevi BL	0	1
Dr.Praveen	0	0

Impact Factor - range / average Publications:

[National and International]

h-index

Faculty	h-index
Dr.Jyothi Mahadesh	1
Dr.Kokila.G	0
Dr.Charan Gowda BK	0
Dr.Laxmidevi BL	0

Dr. Praveen	0

23. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** None

24. **Percentage of classes taken by temporary faculty - programme-wise information:** N.A.

25. **Programme-wise Student Teacher Ratio:** Approximately **1:9**

26. **Number of academic support staff (technical) and administrative staff** :

sanctioned, filled and actual

Number of Administrative Staff 0

Number of Technical Staff 1

28. **Details of patents and income generated:** None

29. **Areas of consultancy and income generated:** None

30. **Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad**: None

31. **Faculty serving in**

National committees b) International committees c) Editorial Boards d) any other (specify)

- Member of Editorial Board for International Journal of Advances in Oral Science.

Dr Laxmidevi BL

- Reviewers

Dr.Jyothi Mahadesh

- Journal of Oral Sciences and Research

Dr.Kokila.G

- Journal of Oral Sciences and Research

Conferences, pg conventions seminars attended by staff :

Dr. Jyothi Mahadesh

XXII National Conference IAOMP Navi Mumbai, Nov 2013

CDE titled "Update with Oral Medicine and Pathology with Oral imaging and strategies for research" by Dr. Michael M. Bornstein and Prof.Dr. Peter A. Reichart at KLE Dental College, Bangalore on 1 -2nd March 2013

National conference of Indian association of Oral and Maxillofacial Pathologists, Bambolim, Goa 26-28 October2012.

Mandal's Institute of Dental Sciences and Research Centre, Belgaum on 26* May 2012.

National conference of Indian association of Oral and Maxillofacial Pathologists, Ramoji film city ,Hyderabad November 2011.

Clinical Excellence-6,SSDC,5th Nov,2013

Clinical Excellence-5,SSDC,23rd Oct,2013

Clinical Excellence-3,SSDC,4th Sep 2013

Clinical Excellence -2,SSDC,13th March 2013

Clinical Excellence – 1,SSDC,6th Feb 2013

Path Bites VS Dental College 4th June 2012 Pot Pouri of Oral Lesions and Challeges in Oral Pathology, GDC Bangalore,4th Jan 2012

Pathognana ,JSS Dental College ,28th May 2011

An insight to Head and Neck Lesions. VS Dental College,Bangalore,10th may 2011.

Manthana "Quest for knowledge" ,Krishnadevaraya College of Dental Sciences, Bangalore.1st and 2nd April 2011

Anushthana ,RajaRajeshwari Dental College 14th Oct

CDE programme at Government Dental College and Hospital on Odontogenic tumours - Unity in Diversity on 20th April 2011.

Cytology Convention "Diagnostic Cytology on Head and Neck lesions" held at Maratha

XIX National and First International Conference of IAOMP Chennai, 10-12* Dec 2010.

Fibroblast Culture workshop, Ragas Dental College, Chennai, 9th to 10th Dec 2010.

Informed Consent in the protection of Human Research Subjects , SSDC, Tumkur, 5th May 2010

Dr, Kokila.G

Clinical Excellence-6,SSDC,5th Nov,2013

Clinical Excellence-5,SSDC,23rd Oct,2013

Clinical Excellence-3,SSDC,4th Sep 2013

Clinical Excellence -2,SSDC,13th March 2013

CDE titled "Update with Oral Medicine and Pathology with Oral imaging and strategies for research" by Dr. Michael M. Bornstein and Prof.Dr. Peter A. Reichart at KLE Dental College, Bangalore on 1 -2nd March 2013

Clinical Excellance – 1,SSDC,6th Feb 2013

Research Prospects and current trends in Stomatology Raja Rajeshwari Dental College 27th and 28th Feb 2013 Path Bites VS Dental College 4th June 2012 Pot Pouri of Oral Lesions and Challeges in Oral Pathology, GDC Bangalore,4th Jan 2012 Pathognana ,JSS Dental College ,28th May 2011.

An insight to Head and Neck Lesions. VS Dental College,Bangalore,10th may 2011.

Manthana "Quest for knowledge" ,Krishnadevaraya College of Dental Sciences, Bangalore.1st and 2nd April 2011 - National conference of Indian association of Oral and Maxillofacial Pathologists, Bambolim, Goa 26-28 October2012. Mandal's Institute of Dental Sciences and Research Centre,

Belgaum on 26* May 2012. CDE programme at Government Dental College and Hospital on Odontogenic tumours - Unity in Diversity on 20th April 2011. Cytology Convention "Diagnostic Cytology on Head and Neck lesions" held at Maratha 1X National and First International Conference of IAOMP Chennai, 10-12* Dec 2010. Fibroblast Culture workshop, Ragas Dental College, Chennai, 9th to 10th Dec 2010. Informed Consent in the protection of Human Research Subjects , SSDC, Tumkur, 5th May 2010

Dr.Charan Gowda BK

Clinical Excellence-6,SSDC,5th Nov,2013

Clinical Excellence-5,SSDC,23rd Oct,2013

Clinical Excellence-3,SSDC,4th Sep 2013

Clinical Excellence -2,SSDC,13th March 2013

Clinical Excellence – 1,SSDC,6th Feb 2013

Path Bites VS Dental College 4th June 2012

Pot Pouri of Oral Lesions and Challeges in Oral Pathology, GDC Bangalore,4th Jan 2012

Pathognana ,JSS Dental College ,28th May 2011

An insight to Head and Neck Lesions. VS Dental College,Bangalore,10th may 2011.

Manthana "Quest for knowledge" ,Krishnadevaraya College of Dental Sciences, Bangalore.1st and 2nd April 2011

National conference of Indian association of Oral and Maxillofacial Pathologists, Ramoji film city ,Hyderabad November 2011.

Dr.Laxmidevi B.L

Clinical Excellence-6,SSDC,5th Nov,2013

Clinical Excellence-5,SSDC,23rd Oct,2013

Clinical Excellence-4 ,SSDC,26th Sep 2013

Clinical Excellence-3,SSDC,4th Sep 2013

Pot Pouri of Oral Lesions and Challeges in Oral Pathology, GDC Bangalore,4th Jan 2012

Pathognana ,JSS Dental College ,28th May 2011

An insight to Head and Neck Lesions. VS Dental College,Bangalore,10th may 2011.

Manthana "Quest for knowledge" ,Krishnadevaraya College of Dental Sciences, Bangalore.1st and 2nd April 2011

Anushthana ,RajaRajeshwari Dental College 14th Oct 2011

Management of Genetic Disorders in Pregnancy and New born,SSMC,Tumkur,19th Aug 2011

Antimicrobials with Knowledge comes Responcibility,SSDC,4th Mar 2011

Medical Genetics Research and Clinical Applications,SSMC,Tumkur,30th July 2010

Research Methodology,SSDC& SSMC, Tumkur,28th and 29th July 2010

Dr.Praveen K.S

Clinical Excellence-6,SSDC,5th Nov,2013

Clinical Excellence-5,SSDC,23rd Oct,2013

Clinical Excellence-4 ,SSDC,26th Sep 2013

Clinical Excellence-3,SSDC,4th Sep 2013

Clinical Excellence -2,SSDC,13th March 2013

Clinical Excellence – 1,SSDC,6th Feb 2013

Scientific Presentations done by staff

Dr.Kokila G

Lip Prints – Common Patterns, Uniqueness And Sex Determination, XIX National And First International Conference Of IAOMP, Chennai, 10-12th Dec 2010

Dr.Charan Gowda BK

Postmortem Autolysis of oral mucosal tissue among poisonous death and non poisonous deathIX National Conference of forensic odontology,Salem, Tamilnadu, Sep 2011

Dr.Laxmidevi B.L

Current Concepts of Vesiculobullous lesions of the Oral Cavity-II,Dermo-Path ,Clinical Excellence-12,27th March 2015.

28. Student projects

UG research projects: Interested (I BDS,III BDS and Interns) students are encouraged to involve in inter collegiate competitions and conferences to inculcate a spirit of competition , knowledge exchange and to encourage professional networking among fellow dentists.

AbhishekBanerjee 3rd BDS student : presented a paper on Stem cells at Davangere in 2010.

Ashna Ramesh: Participated in State Level Undergraduate Dental Anatomy and Oral Pathology Carving, Diagram And Quiz Competition held on 24th April 2015.CODS,Davangere.

Devika Rajeev:Participated in State Level Undergraduate Dental Anatomy and Oral Pathology Carving, Diagram And Quiz Competition held on 24th April 2015.CODS,Davangere.

FinoJetly:Participated in State Level Undergraduate Dental Anatomy and Oral Pathology Carving, Diagram And Quiz Competition held on 24th April 2015.CODS,Davangere.

Nasweef Abdul Nazar:Participated in State Level Undergraduate Dental Anatomy and

Oral Pathology Carving, Diagram And Quiz Competition held on 24th April 2015.CODS,Davangere.

Prasun Roy:Participated in State Level Undergraduate Dental Anatomy and Oral Pathology Carving, Diagram And Quiz Competition held on 24th April 2015.CODS,Davangere.

PG research projects 2009-2014: Virtually 100% of postgraduates participate in research Undertaken

Major research projects

Morphometric computer assisted image analysis of epithelial cells in different grades of oral squamous cell carcinoma. ,Dr.Jyothi Mahadesh,Dr.Ananjan Chatterjee. 2011-12

Study of collagen birefringence in different grades of oral squamous cell carcinoma using picrosirius red stain & polarized microscopy. Dr.Kokila G,Arun Pillai. 2011-12

To evaluate the specificity & sensitivity of abo antigen determination from dental pulp at various temperature over a span of 3 months. Dr.Jyothi Mahadesh, Dr.Humaira Nazir. 2012-13.

Comparing polarization, light and phase contrast microscopy for age estimation by counting cemental annulations in ground and decalcified sections.Dr. Kokila G, Dr.Pradeep L. 2012-13.

A quantitative analysis of tumor associated tissue eosinophilia and nucleolar activity to validate the significance of pattern of invasion in oral squamous cell carcinoma –a retrospective study. Dr.Jyothi Mahadesh, Dr.Hidangmayum Denish Sharma. 2013-14.

Sexual dimorphism of enamel area, coronal dentine area, bi cervical diameter and dentino enamel junction scalloped area in a longitudinal ground section- a blind study. Dr.Kokila, Dr.Wakambam Monalisa. 2013-14.

Evaluating micronuclei frequency in exfoliated buccal cells in diabetic patients - a cross sectional study.Dr.Jyothi Mahadesh,Dr.Ashwini S Hallikere. 2014-15

Assessment of exfoliated oral mucosal cells in HIV patients using cytomorphometry.Dr. Charan Gowda,Dr.Shubha. 2014-15

Prevelence Of Oral and Gingivo-Periodontal Lesions In HIV Infected Patients And Their Correlation With Cd4 Cell Count. Dr. Jyothi Mahadesh, Dr.Laxmidevi BL, Dr.Ananjan Chatterjee. 2012.

Grey nails and oral pigmentation in HIV positive individuals: A tool to art eligibility. Dr.Kokila G, Dr.Arun Pillai 2012.

Post-mortem autolytic changes of oral mucosa in toxic and non toxic substance.Dr.Jyothi Mahadesh,Dr.Ananjan Chatterjee 2013.

Picrosirius red and polarisation microscopy- a tool for gender differentiation. Dr.Kokila G, Dr.Arun Pillai. 2013

Cemental annulation and phase contrast microscope; tool for age estimation.,Dr.Chran Gowda, Dr.Pradeep L. 2013.

Evaluation of mast cells in oral reactive lesions. Dr.Jyothi Mahadesh, Dr.Humaira Nazir.2013.

Gender identification with the help of organic matrix of tooth. Dr.Humaira Nazir.2014.

Establishing time of death using AgNORs in oral mucosa.Dr.Charan GowdaDr.Hidangmayum Denish Sharma. 2014

Phase contrast microscope and cemental annulations: a case report. Dr.Charan Gowda,Dr.Monalisa. 2014.

Morphometric analysis of syndromic and non odontogenic keratocyst. Dr.Jyothi Mahadesh Dr.Hidangmayum Denish Sharma.2014

Minor ongoing research projects

Qualitative analysis of bcl-2 expression in the epithelial cells of ameloblastoma and odontogenickeratocyst- A retrospective study. Dr.JyothiMahadesh.

Scientific presentations done from the department in various fora

April 2009-March 2010

Dr.Ananjan Chatterjee, Dr.JyothiMahadesh. Sediment Cytology: Best out of waste. 20th National Conference,IAOMP Hyderabad, Nov 2011.

Dr.Arun Pillai, Dr.Kokila. G. Double Embedding Technique Revisited: A review. 20th National Conference,IAOMP Hyderabad, Nov 2011.

Dr.Arun Pillai, Dr.Kokila G. Central Odontogenic Fibroma: A case report. 22ndNational PG Convention, IAOMP, Pune July 2012.

Dr.Ananjan Chatterjee. Dr.JyothiMahadesh. Fibrous Dysplasia presenting an unusual Presentation. 22ndNational PG Convention, IAOMP, Pune July 2012.

Dr HumairaNazir.Dr.JyothiMahadesh. Primary Xanthoma of mandible: a rare entity. XXI National Conference, IOAMP, Goa Oct 2012.

Dr. Pradeep L, Dr.Kokila G. GorlinGoltz Syndrome. XXINational conference, IOAMP, Goa Oct 2012.

Dr.WakambamMonalisa, Dr.Kokila.G. Unicysticameloblastoma mimicking a radicular cyst:

a case report. XII National Conference IAOMP, Nov, 2013, Mumbai.

Dr. Pradeep L, Dr.Kokila G. Patterns in Pathology. XXIII National Conference, IAOMP, Nov 2014, Bangalore.

Dr.WakambamMonalisa, Dr.Kokila G. An insight of various pathological cell bodies. XXIII national conference, IAOMP, Nov 2014, Bangalore.

Dr.HumairaNazir, Dr.Ashwini, Dr.Shubha, Dr.JyothiMahadesh. Gorlingoltz syndrome. XXIII National conference, IAOMP, Nov 2014, Bangalore.

Evaluative Report of the Department

1. **Name of the Department:** Orthodontics and Dentofacial Orthopaedics
2. **Year of establishment**: 1992-93
3. **Is the department part of a college/Faculty of the university?** YES
4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil. Ph.D, Integrated Ph.D, Certificate Diploma, PG Diploma, D.M/M.Ch, Super specialty fellowship, etc) :** BDS, MDS
5. **Interdisciplinary programs and departments involved:**

- An interdepartment Oral medicine- Orthodontics meet titled "Diagnosis of impacted canines: A case report of "HITS AND MISSES". By Dr. Shailesh was held on 19/05/2010.
- An interdepartment involving all departments titled "Computer aided learning in orthodontics." By Dr. Mithun J Shah was held on 06/10/2010.
- An interdepartment involving Oral medicine- Oral surgery- Orthodontics titled "Enigmatic class III – a case report". By Dr. Josni Joseph was held on 09/03/2011.
- An interdepartment involving Oral surgery- Orthodontics titled "Cleft lip & palate an interdisciplinaryt approach." By Dr. Gafoor was held on 24/08/2011.
- An interdepartment Oral medicine- Oral surgery- Orthodontics titled "Supplementary tooth assessment & management-a case report." Dr. Mithun J Shah was held on 15/02/2012.
- An interdepartment Periodontics- Orthodontics titled "Piezocision: A Novel approach towards accelerated Orthodontic treatment." By Dr. Dhanya was held on 5/12/2014.
- Regular coordination with the department of Prosthodontics and Oral medicine for splint fabrication using biostar in the treatment of patients with TMD and Bruxism.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** None
7. **Details of programs discontinued, if any, with reasons:** None
8. **Examination system**: Annual examination conducted by SAHE

   Participation of the department in the courses offered by other departments: The students and the staff are actively involved in CDE programmes, Lectures.
9. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including

			CAS & MPS)
Professor	As per DCI	-	03
Associate Professor/ Reader	As per DCI	-	03
Assistant Professor	As per DCI	-	01
Lecturer	-	-	-
Tutor/ Clinical Instructor	-	-	-
Senior Resident	-	-	-

10. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Sridharan.K	MDS	Prof & Head	Orthodontics	17y,7m
Dr. Vadiraj Udupa	-"-	Professor	-"-	12y
Dr. Chetak Shetty	-"-	Professor	-"-	12y
Dr. Srinivasa.H	-"-	Reader	-"-	7y,11m
Dr. Madhusudhan.	-"-	Reader	-"-	7y,1m
Dr. Prasanna.T.R	-"-	Reader	-"-	7y
Dr. Saqib Hassan	-"-	Senior Lecturer	-"-	3y,0m

11. List of senior visiting fellows, adjunct faculty, emeritus professors: None

12. Percentage of classes taken by temporary faculty- program-wise information

None

13. Program-wise student teacher ratio

- PG : Staff –2:7
- UG : Staff –40:7

14. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

No. of Technical Staffs	01
No. of Non-Teaching Staffs	02

15. **Research thrust areas as recognized by major funding agencies:** None

16. **Number of faculty with ongoing projects from a) national, b) international funding agencies and c) total grants received project-wise:**

16	List of ongoing projects	2014-2015	9	Dr. Sridharan K: Comparison of force decay characteristics of commonly used elastomeric chains on exposure to non alcoholic and alcoholic mouth rinses - an In vitro study. Dr Vadiraj: Evaluation of growth pattern using digital OPG in male population of different age groups reporting to Sri Siddhartha Dental College. Dr. Chetak Shetty: Assessment of perception of smile attractiveness among undergraduate dental students and Orthodontic patients. Dr. Srinivasa H: Evaluation of the efficacy of four different disinfectants on Striated & Non-Striated Orthodontic instruments – An In Vitro Comparative Study. Dr. Madhusudhan V: Evaluation of decontamination of tried in molar bands. Dr. Prasanna T R: The prevalence of canine transmigration and tooth impaction in population attending a dental college in south India. Dr. Saqib Hassan: Bolton's analysis in Angle's Class I and Angle's Class II malocclusion in Tumkur population. Dr. Ramachandraiah: Force decay characteristics of commonly used elastomeric chains on exposure to various concentrations. An Invitro study. Dr. Lakshmi: Assessment of perception of smile attractiveness "photographic study".
		2013-2014	2	Dr. Ramachandraiah: Force decay characteristics of commonly used elastomeric chains on

				exposure to various concentrations. An Invitro study. Dr. Lakshmi: Assessment of perception of smile attractiveness "photographic study".
		2012-2013	2	Dr. Salika: Comparison of the antimicrobial activity of Aloevera mouthwash with chlorhexidine mouthwash in fixed orthodontic patients". Dr. Dhanya: Assessment of bone mineral density in different growth pattern using digital OPG.
		2011-2012	2	Dr. Javed: Assessment of flexural strength of auto polymerizing acrylic resin by incorporating pigments glitters and decals. An Invitro study. Dr. Parikshit: Study to evaluate arch forms using cluster analysis on local population. An invitro study.
		2010-2011	2	DR. Mithun: Load-deflection characteristics of heat activated and super elastic nickel-titanium arch wires. Dr. Ghafoor: comparison of the reliability of reference distances using SLR and digital camera in photogrammetry.

17. Inter-institutional collaborative projects and associated grants received

National collaboration:

The students of the department have done research projects as part of post graduate thesis in collaboration with the following for relevant expertise in the respective fields.

- Dr. Sri Devi department of micro biology SSMC Tumkur.
- With 3M research laboratory.
- International collaboration **: None**

18. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR.AICTE, etc; total grants received : None

19. Research facility / center with : None

20. Special research laboratories sponsored by / created by industry or corporate bodies- **: None**

21. Publications:

- Publications Number of papers published in peer reviewed journals (national/ International): **12**

- Dr. Sridharan K, Dr. Srinivasa H, Dr. Sandeep Madhukar, Dr. Shalish Sandbhor. Prevalence of impacted maxillary canines in patients attending outpatient department of Sri Siddhartha dental college and hospital, Tumkur, Karnataka. Journal of Dental Sciences and Research 2010;1(2):109-117.
- Dr. Vadiraj Udupa V, Dr. Prasanna TR, Dr. Sandeep Madhukar, Dr. Sridharan K. Evaluating effectiveness of Traditional learning versus Computer assisted learning in Orthodontics. Journal of Dental Sciences and Research 2010;1(1):6-11.
- Chetak Shetty, Sandeep Madhukar, Srinivasa H, Krishna Nayak US. The correlation of occlusal indices with patients' perceptions of aesthetics, functions, speech and orthodontic treatment needs. Journal of Dental Sciences and Research 2010;1(1):22-40.
- Dr. Sridharan K, Dr. Madhusudhan V, Dr. Srinivasa H, Dr. Yogesh Mahobia, Dr. Sandbhor Shailesh. Evaluation of Validity of Pont's analysis in Tumkur population. Journal of Dental Sciences and Research 2011;2(1):41-49.
- Sridharan K, Vadiraj Udupa, Srinivas H, Sujay Kumar, Shailesh Sandbhor. Prevalence of Class II malocclusion in tumkur population. Journal of Dental Sciences and Research 2011;2(2): 1-5.
- Madhusudhan V, Mahobia Yogesh. Prevelance of mandibular anterior crowding in tumkur population. Journal of Dental Sciences and Research 2011;2(2):6-8.
- Prasanna TR, Sachin G. A Suitable Method. BDJ. 2012;5(5): 198.
- Madhusudhan V, Saqib Hassan. Is Autoclave an Effective Method for Sterilizing Contaminated Molar Bands: An in vitro study. J Ind Orthod Soc 2013;47(4):371-376.
- Madhusudhan V, Saqib Hassan, Mahobia Yogesh. Twin block,an effective class-II corrector-a case report. Journal of Indian dental association Sullia branch 2013;5(2):49-53.
- Vadiraj Udupa, Prasanna TR, Chetak Shetty, Suhas Setty, Sathish R. The transmigration of mandibular canines: a review of treatment options and report of thirteen cases. Orthodontic Update 2014;7:23-29.
- Madhusudhan V, Saqib Hassan, Sridharan K, Srinivas H, Mahobia Yogesh. Stigma's in Orthodontics. Reasearch and reviews: Journal of Dental Sciences 2014;2(1):13-16.

- Saqib Hassan, Megha Trehan, Khaja Amjad Hussain, Bassel Tarakji, Ibrahim Alzoghaibi, Saleh Nasser Azzeghaibi. Electromiography and its Orthodontic Application. Int J Cur Res Rev 2014;6(17):1-4.

- Monographs : **None**
- Chapters in Books: **None**
- Books edited : **None**
- Books with ISBN with details of publishers : **None**
- Number listed in International database (for e.g. Web of science, Scopus, humanities international complete, dare database- international social sciences directory, EBSCO host, Medline, etc.) : 02
- H-Index : **None**
- Citation index range/ average : **None**

	Dr. Sridharan. K	Dr. Vadiraj Udupa	Dr. Chetak Shetty	Dr. Srinivasa. H	Dr. Madhusudhan.V	Dr. Prasanna.T.R	Dr. Saqib Hassan
National	04	02	01	04	04	01	02
International	01	01	01	02	01	02	02
Monographs	--	--	--	--	--	--	--
Chapters in books	--	--	--	--	--	--	--
Books	--	--	--	--	--	--	--

edited							
Books with ISBN	--	--	--	--	--	--	--
International Database	--	--	--	--	--	--	--
Citation Intdex	--	--	--	--	--	--	--
Impact Factor	--	--	--	--	--	--	--
H- Index	--	--	--	--	--	--	--

22. Details of patients and income generated: Annual

Year	**Total Patients**	**Income Generated**
01/04/2010 To 31/03/2011	10313	3,12,150
01/04/2011 To 31/03/2012	9825	3,74,350
01/04/2012 To 31/03/2013	11011	5,38,220
01/04/2013 To 31/03/2014	10764	4,00,700
01/04/2014 To 31/03/2015	10692	2,16,800

23. Areas of consultancy and income generated : None

24. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Dr Chetak Shetty has been appointed to inspect and approve PG programme in various colleges in India.

25. Faculty serving in

- **National committees** : None
- **Editorial Boards :** None

26. Faculty recharging strategies (refresher /orientation programs, workshops, training programs and similar programs) :

Dr. Sridharan K

- CDE on Technique wire bending. Bangalore. 13 & 14/07/2013.

- CDE on Oral cancer and its early detection. Bangalore. 17/10/2010
- Informed consent in the protection of human research subject. Tumkur. 05/05/2010.
- CDE on Treatment alternatives for Skeletal Class III malocclusion. Mangalore. 26/10/2010.
- CDE on "Research Methodology" . Tumkur. 28/01/2010.
- CME on Medical Genetics Research & Clinical applications. Tumkur. 30/07/2010.
- FDI-IDA CDE 2010 & 38th Karnataka state dental conference. 19 t0 21/11/2010.
- 45th IOS Conference. Mangalore. 17 to 19/12/2010.
- CDE on "Micro vascular reconstruction in orofacial defects" in Tumkur. 12/01/2011.
- CDE on "Antimicrobials – with knowledge comes responsibility" in Tumkur. 04/03/2011.
- CDE on "Clinical Excellence - I". Tumkur. 06/02/2013.
- CDE on "Clinical Excellence - II". Tumkur. 13/03/2013.
- Contemporary Dentistry Update A Complete CDE. 15 to 17/03/2013.
- CDE on "Clinical Excellence - III" in Tumkur. 04/09/2013.
- CDE on "Clinical Excellence - IV" in Tumkur. 26/09/2013.
- CDE on "Clinical Excellence - V" in Tumkur. 23/10/2013.
- CDE on "Clinical Excellence - VI" in Tumkur. 05/11/2013.
- Functional occlusion- Its importance in Orthodontic Diagnosis, Treatment. 08/10/2013.
- CDE on "Clinical Excellence - VII" in Tumkur. 10/09/2014.
- CDE on "Clinical Excellence - VIII" in Tumkur. 15/10/2014.
- CDE on "Clinical Excellence - IX" in Tumkur. .
- CDE on "Clinical Excellence - X" in Tumkur. 17/12/2014.
- CDE on "Clinical Excellence - XI" in Tumkur. 18/02/2015.
- CDE on "Clinical Excellence - XII" in Tumkur. 04/09/2015.
- 49th IOS Conference, Kolkata. Nov 2014.

Dr. Vadiraj Udupa

- Workshop on orthodontic next generation. Mangalore 09/03/2010.
- Surgical Orthodontics. Bangalore. 25/10/2012.
- Symposium on current advances in maxillofacial and Orthognathic Surgery. Mangalore. 13/07/2012.
- Informed consent in the protection of human research subject. Tumkur. 05/05/2010.
- CDE on Treatment alternatives for Skeletal Class III malocclusion, Mangalore. 26/10/2010.

- CDE on "Research Methodology" in Tumkur. 28/01/2010.
- CME on Medical Genetics Research & Clinical applications. Tumkur. 30/07/2010.
- 45th IOS Conference. Mangalore. 17 to 19/12/2010.
- CDE on "Micro vascular reconstruction in orofacial defects" in Tumkur. 12/01/2011.
- CDE on "Antimicrobials – with knowledge comes responsibility" in Tumkur. 04/03/2011.
- CDE on "Clinical Excellence - I". Tumkur. 06/02/2013.
- CDE on "Clinical Excellence - II". Tumkur. 13/03/2013.
- Contemporary Dentistry Update A Complete CDE. 15 to 17/03/2013.
- CDE on "Clinical Excellence - III" in Tumkur. 04/09/2013.
- CDE on "Clinical Excellence - IV" in Tumkur. 26/09/2013.
- CDE on "Clinical Excellence - V" in Tumkur. 23/10/2013.
- CDE on "Clinical Excellence - VI" in Tumkur. 05/11/2013.
- Functional occlusion- Its importance in Orthodontic Diagnosis, Treatment. 08/10/2013.
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- CDE on "Clinical Excellence - VIII" in Tumkur. 15/10/2014.
- CDE on "Clinical Excellence - IX" in Tumkur. .
- CDE on "Clinical Excellence - X" in Tumkur. 17/12/2014.
- CDE on "Clinical Excellence - XI" in Tumkur. 18/02/2015.
- CDE on "Clinical Excellence - XII" in Tumkur. 27/03/2015.
- 17th IOS PG Convention. Mangalore. 28/02/13 to 03/03/13.
- Functional occlusion- Its importance in Orthodontic Diagnosis, Treatment planning and Stability. Bangalore. 08/10/13.
- 49th IOS Conference, Kolkata. Nov 2014.

Dr. Chetak Shetty

- Workshop on orthodontic next generation. Mangalore 09/03/2010.
- Surgical Orthodontics. Bangalore. 25/10/2012.
- Symposium on current advances in maxillofacial and Orthognathic Surgery. Mangalore. 13/07/2012.
- Informed consent in the protection of human research subject. Tumkur. 05/05/2010.
- CDE on Treatment alternatives for Skeletal Class III malocclusion, Mangalore. 26/10/2010.
- CDE on "Research Methodology" in Tumkur. 28/01/2010.
- CME on Medical Genetics Research & Clinical applications. Tumkur. 30/07/2010.

- 45th IOS Conference. Mangalore. 17 to 19/12/2010.
- CDE on "Micro vascular reconstruction in orofacial defects" in Tumkur. 12/01/2011.
- CDE on "Antimicrobials – with knowledge comes responsibility" in Tumkur. 04/03/2011.
- CDE on "Clinical Excellence - I". Tumkur. 06/02/2013.
- CDE on "Clinical Excellence - II". Tumkur. 13/03/2013.
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- CDE on "Clinical Excellence - XII" in Tumkur. 27/03/2015.
- 17th IOS PG Convention. Mangalore. 28/02/13 to 03/03/13.
- Functional occlusion- Its importance in Orthodontic Diagnosis, Treatment planning and Stability. Bangalore. 08/10/13.
- 49th IOS Conference, Kolkata. Nov 2014.

Dr. Srinivasa H

- Workshop on orthodontic next generation. Mangalore 09/03/2010.
- Surgical Orthodontics. Bangalore. 25/10/2012.
- Symposium on current advances in maxillofacial and Orthognathic Surgery. Mangalore. 13/07/2012.
- Informed consent in the protection of human research subject. Tumkur. 05/05/2010.
- CDE on Treatment alternatives for Skeletal Class III malocclusion, Mangalore. 26/10/2010.
- CDE on "Research Methodology" in Tumkur. 28/01/2010.
- CME on Medical Genetics Research & Clinical applications. Tumkur. 30/07/2010.
- 45th IOS Conference. Mangalore. 17 to 19/12/2010.
- CDE on "Micro vascular reconstruction in orofacial defects" in Tumkur. 12/01/2011.

- CDE on "Antimicrobials – with knowledge comes responsibility" in Tumkur. 04/03/2011.
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- CDE on "Clinical Excellence - V" in Tumkur. 23/10/2013.
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- Functional occlusion- Its importance in Orthodontic Diagnosis, Treatment. 08/10/2013.
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- CDE on "Clinical Excellence - X" in Tumkur. 17/12/2014.
- CDE on "Clinical Excellence - XI" in Tumkur. 18/02/2015.
- CDE on "Clinical Excellence - XII" in Tumkur. 27/03/2015.
- 17th IOS PG Convention. Mangalore. 28/02/13 to 03/03/13.
- Functional occlusion- Its importance in Orthodontic Diagnosis, Treatment planning and Stability. Bangalore. 08/10/13.
- 49th IOS Conference, Kolkata. Nov 2014.

Dr. Prasanna T R.

- Workshop on orthodontic next generation. Mangalore 09/03/2010.
- Surgical Orthodontics. Bangalore. 25/10/2012.
- Symposium on current advances in maxillofacial and Orthognathic Surgery. Mangalore. 13/07/2012.
- Informed consent in the protection of human research subject. Tumkur. 05/05/2010.
- CDE on Treatment alternatives for Skeletal Class III malocclusion, Mangalore. 26/10/2010.
- CDE on "Research Methodology" in Tumkur. 28/01/2010.
- CME on Medical Genetics Research & Clinical applications. Tumkur. 30/07/2010.
- 45th IOS Conference. Mangalore. 17 to 19/12/2010.
- CDE on "Micro vascular reconstruction in orofacial defects" in Tumkur. 12/01/2011.
- CDE on "Antimicrobials – with knowledge comes responsibility" in Tumkur. 04/03/2011.

- CDE on "Clinical Excellence - I". Tumkur. 06/02/2013.
- CDE on "Clinical Excellence - II". Tumkur. 13/03/2013.
- Contemporary Dentistry Update A Complete CDE. 15 to 17/03/2013.
- CDE on "Clinical Excellence - III" in Tumkur. 04/09/2013.
- CDE on "Clinical Excellence - IV" in Tumkur. 26/09/2013.
- CDE on "Clinical Excellence - V" in Tumkur. 23/10/2013.
- CDE on "Clinical Excellence - VI" in Tumkur. 05/11/2013.
- Functional occlusion- Its importance in Orthodontic Diagnosis, Treatment. 08/10/2013.
- CDE on "Clinical Excellence - VII" in Tumkur. 10/09/2014.
- CDE on "Clinical Excellence - VIII" in Tumkur. 15/10/2014.
- CDE on "Clinical Excellence - IX" in Tumkur. .
- CDE on "Clinical Excellence - X" in Tumkur. 17/12/2014.
- CDE on "Clinical Excellence - XI" in Tumkur. 18/02/2015.
- CDE on "Clinical Excellence - XII" in Tumkur. 27/03/2015.
- 17th IOS PG Convention. Mangalore. 28/02/13 to 03/03/13.
- Functional occlusion- Its importance in Orthodontic Diagnosis, Treatment planning and Stability. Bangalore. 08/10/13.
- 49th IOS Conference, Kolkata. Nov 2014.

Dr. Madhusudan V

- Informed consent in the protection of human research subject. Tumkur. 05/05/2010.
- CDE on Treatment alternatives for Skeletal Class III malocclusion, Mangalore. 26/10/2010.
- CDE on "Research Methodology" in Tumkur. 28/01/2010.
- CME on Medical Genetics Research & Clinical applications. Tumkur. 30/07/2010.
- 45th IOS Conference. Mangalore. 17 to 19/12/2010.
- CDE on "Micro vascular reconstruction in orofacial defects" in Tumkur. 12/01/2011.
- CDE on "Antimicrobials – with knowledge comes responsibility" in Tumkur. 04/03/2011.
- CDE on "Clinical Excellence - I". Tumkur. 06/02/2013.
- CDE on "Clinical Excellence - II". Tumkur. 13/03/2013.
- Contemporary Dentistry Update A Complete CDE. 15 to 17/03/2013.
- CDE on "Clinical Excellence - III" in Tumkur. 04/09/2013.
- CDE on "Clinical Excellence - IV" in Tumkur. 26/09/2013.
- CDE on "Clinical Excellence - V" in Tumkur. 23/10/2013.
- CDE on "Clinical Excellence - VI" in Tumkur. 05/11/2013.

- CDE on "Clinical Excellence - VII" in Tumkur. 10/09/2014.
- CDE on "Clinical Excellence - VIII" in Tumkur. 15/10/2014.
- CDE on "Clinical Excellence - IX" in Tumkur. .
- CDE on "Clinical Excellence - X" in Tumkur. 17/12/2014.
- CDE on "Clinical Excellence - XI" in Tumkur. 18/02/2015.
- CDE on "Clinical Excellence - XII" in Tumkur. 27/03/2015.
- Implantology III a review. Bangalore. 06/02/2012.
- Training in basic support skills. Bangalore. 7 & 8/03/2013.

Dr. Saqib Hassan

- 45th IOS conference, Mangalore. 17 to 19/12/2010.
- 15th IOS student convention. Manali.25 to 27/03/2011.
- Viral infection and Dentistry. 18/09/2010.
- IDA Conference. Bidar. 01 to 02/10/2010.
- Implants today. 28/04/2011.
- CDE on Orthodontics and Beyond. 26/02/2011.
- CDE on "Clinical Excellence - I". Tumkur. 06/02/2013.
- CDE on "Clinical Excellence - II". Tumkur. 13/03/2013.
- CDE on "Clinical Excellence - III" in Tumkur. 04/09/2013.
- CDE on "Clinical Excellence - IV" in Tumkur. 26/09/2013.
- CDE on "Clinical Excellence - V" in Tumkur. 23/10/2013.
- CDE on "Clinical Excellence - VI" in Tumkur. 05/11/2013.
- CDE on "Clinical Excellence - VII" in Tumkur. 10/09/2014.
- CDE on "Clinical Excellence - VIII" in Tumkur. 15/10/2014.
- CDE on "Clinical Excellence - IX" in Tumkur. .
- CDE on "Clinical Excellence - X" in Tumkur. 17/12/2014.
- CDE on "Clinical Excellence - XI" in Tumkur. 18/02/2015.
- CDE on "Clinical Excellence - XII" in Tumkur. 27/03/2015.

27. Student projects

- Percentage of students who have taken up in – house projects including interdepartmental projects- **:** 100 % by post graduate students.
- Percentage of students doing projects in collaboration with other universities/ industry, institute- **:** 29 %

Completed research projects

DR. SHAILESH	An in vitro evaluation of friction characteristics of conventional stainless steel and self ligating stainless steel brackets in different dimensions of archwires in various bracket-archwire combinations.
DR.SAILESH	Prevalence of impacted canine in patients attending out patient department of sri siddharta dental college and hospital, Tumkur, Karnataka.
DR.SUJAY	Prevalence of class II Malocclusion in Tumkur population.
DR. SUJAY	Comparative evaluation of the shear bond strength of two adhesive system following thermocycling – An in vitro study
DR. YOGESH	Comparison of canine retraction with active tieback and power chain- an implant study
DR.YOGESH	Validity of ponts analysis in Tumkur population.
DR.YOGESH	Prevalence of mandibular anterior crowding in Tumkur population.
DR. JOSNI	Correction of deep bite using minis crews- A time motion study
DR. GAFOOR K.	comparison of the reliability of reference distances using SLR and digital camera in photogrammetry
DR.MITHUN	Load-deflection characteristics of heat activated and super elastic nickel-titanium archwires.
DR. PARIKSHIT	Study to evaluate arch forms using cluster analysis on local population. An invitro study
DR. JAVED	Assessment of flexural strength of auto polymerizing acrylic resin by incorporating pigments glitters and decals. An

	In vito study
DR.DHANIYA	Assessment of bone mineral density in different growth pattern using digital OPG
DR.SALIKA	Comparison of the antimicrobial activity of Aloevera mouthwash with chlorhexidine mouthwash in fixed orthodontic patients"
Ongoing research projects	
DR. RAMACHANDRIA	Force decay characteristics of commonly used elastomeric chains on exposure to various concentration.An Invitro study.
DR. LAKSHMI	Assesment of perception of smile attractiveness "photographic study".
DR.VIGNESH PRASAD	Comparison of accuracy and efficiency of direct and indirect bonding technique: an In vivo study
DR.NAGRAJ VENKATACHALAM	Evaluation of efficiency of 4 disinfectant on striated and non striated orthodontic instrument: An in vitro study

28. Awards/recognitions received at the national and international level by

- **Faculty :**

Dr Sridharan K was Chairperson for the symposium of 49th IOS Conference held at Kolkatta conducted by IOS.

Dr Vadiraj Uduppa was Chairperson for the symposium of 49th IOS Conference held at Kolkatta conducted by IOS.

Dr. Chethak Shetty was the chair person for the scientific paper person of 17th IOS PG Convention at Mangalore conducted by IOS.

Dr. Srinivasa H was the chair person for the scientific paper person of 17th IOS PG Convention at Mangalore conducted by IOS.

Dr. Prasanna T.R was the chair person for the scientific paper person of 17th IOS PG Convention at Mangalore conducted by IOS.

- **Students:**

  Dr. Gafoor was awarded gold medal by Sri Siddhartha University for academic excellence

29. Seminars / conferences/ workshops organized and the source of funding (national / international) with details of outstanding participants, if any

a. Genetics in Orthodontics, 11/05/2010, around 120 delegates participated and the funding from Sri Siddhartha University

b. Clinical excellence II, 13/03/2013, around 110 delegates participated

c. Clinical excellence XI. 18/02/2015, around 110 delegates participated

30. Code of ethics for research followed by the departments: as per institutional ethical committee.

Student profile program-wise

2010-2015 Subject Results – IV BDS Orthodontics

Year	Appeared				Passed				%			
	June		Dec		June		Dec		June		Dec	
	M	F	M	F	M	F	M	F	M	F	M	F
2012	02	04	--	02	02	04	--	00	100	100	--	00
2013	05	20	01	03	05	20	01	03	100	100	100	100
2014	09	17	06	03	09	16	03	03	100	94	50	100

2011-2015 Subject Results – MDS Orthodontics

Name of the Program	Pass Percentage			
MDS	June		Dec	
Year	M	F	M	F
2011	100%	-	-	-
2012	100%	-	-	-
2013	75%	-	100%	-
2014	100%	-	-	-
2015	-	100%	-	-

31. Diversity of students

Name of the program (MDS)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
2008	-	1/2(50%)	1/2(50%)	0
2009	-	-	2/2(100%)	0
2010	-	2/2(100%)	-	0
2011	-	1/2(50%)	1/2(50%)	0
2012	-	2/2(100%)	-	0
2013	-	1/2(50%)	1/2(50%)	0
2014	-	-	2/2(100%)	0
2015	-	-	2/2(100%)	0

32. How many students have cleared civil services and defense services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? None

33. Student progression: year wise

Student progression UG to PG	Percentage against enrolled
2008	0
2009	0
2010	0
2011	0
2012	0
2013	0
2014	0
2015	0

34. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	0
From the other universities within the state	85
From universities from other State	15
From universities outside the country	0

35. Number of faculty who were awarded M.Phil., DM, M Ch., PhD, D.Sc. and D.Litt. during the assessment period: Nil

36. Present details of the departmental infrastructural facilities with regard to

- **Library:**
- Total no of books: 48
- Seminars submitted by students: 218
- Soft copies of journal club: 96
- Dissertation completed by students:

Thesis dissertation: 10

Library dissertation: 10

- Internet facilities for staff and students: yes available
- Total number of class rooms: 01
- Class rooms with ICT facility and 'smart'class rooms: 1 seminar room with overhead power point projector, OHP
- Student laboratories: Separate dry and wet laboratories are available, Separate PG common room for pre-clinical wire bending and tracing.
- Research laboratories: 01

37. List of doctoral, post-doctoral students and research associates

- from the host institution/university
- from other institutions/ universities

38. Number of post graduate students getting financial assistance from the university: None

39. Was any need assessment exercise undertaken before the development of new program(s)? if so, highlight the methodology

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

e. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

f. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

40. List the distinguished alumni of the department (maximum 10):

Dr. Ghafoor alumni of department 2010 batch was awarded gold medal by Sri Siddhartha university for academic excellence

41. Give the details of student enrichment programs (special lectures/ workshops/ seminar) involving external experts:

Sl no.	Name of the program	Date	Special lectures/workshop/seminar	Experts
1	Bonding of attachments on other than natural tooth.		Workshop	Dr. Vadiraj Udupa & Dr. Prasanna T R
2	Fabrication on mouth guards for contact		Workshop	Dr. Chetak Shetty & Dr.

	sports and splints for TMDs.			Prasanna T R
3	Sterilization of Orthodontic instruments and materials.		Special lectures and inter active sessions	Dr. Madhusudhan V & Dr. Saqib Hassan.
4	Motivation and selection of cases for myofunctional cases for general practitioners and undergraduates.		Special lectures and inter active sessions	Dr. Srinivasa H & Dr. Sridharan K.

42. List the teaching methods adopted by the faculty for different programs including clinical teaching

- Undergraduate
- Didactic lectures
- Computer assisted learning
- Demonstrations of preclinical skills
- Chair side case history discussions
- Evaluation of study models
- Seminars
- Postgraduate
- Seminars
- Journal clubs
- Topic wise group discussions
- Demonstration and critical evaluation of preclinical skills
- Chair side history discussions with additional diagnostic aids
- Demonstration of advanced clinical procedures namely banding bonding implant placement, debonding and fabrication of removable, functional appliances and retainers
- Brain storming sessions

43. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- UG: 3 theory internal assessment, End posting practical examination and Final practical examination
- PG: Preparatory theory and practical examination at the end of every year for first and second year MDS students, Mock theory and practical examination for final year MDS Students, Regular chair side viva.

44. Highlight the participation of students and faculty in extension activities:

Dr. Shalish Sandbhor

- Scientific poster presentation "Orthodontic management of traumatically intruded teeth-the gold standard". 03/03/2009
- "Begin with ANN in mind": A poster on artificial neural network.25/08/2010.

Dr. Mithun J Shah.

- The mystery unrevealed a record of eight cases and review. 16th IOS PG convention.
- Clinically simulators test characteristics of aligning arch wires. 17th IOS PG convention.

Dr. Salika Ayesha.

- Comparison of the antimicrobial activity of aloevera mouthwash with chlorexidine mouthwash in fixed Orthodontic patients. Exam oriented IOS PG convention

Dr. Dhanya Dayanand Karmaran.

- Assessment of bone mineral density in different growth patterns using digital OPG. Exam oriented IOS PG convention.

Dr. Ramachandraiah S.

- Application of fibre reinforced composite. 19th IOS PG convention.

Dr. Lakshmi Toijam.

- Cosmetic dentistry in Orthodontics. 19th IOS PG convention.

45. Give details of "beyond syllabus scholarly activities" of the department:

- Dr. Vadiraj Udupa V, Dr. Prasanna TR, Dr. Sandeep Madhukar, Dr. Sridharan K. Evaluating effectiveness of Traditional learning versus Computer assisted learning in Orthodontics. Journal of Dental Sciences and Research 2010;1(1):6-11.
- Dr. Sridharan K, Dr. Srinivasa H, Dr. Sandeep Madhukar, Dr. Shalish Sandbhor. Prevalence of impacted maxillary canines in patients attending outpatient department of Sri Siddhartha dental college and hospital, Tumkur, Karnataka. Journal of Dental Sciences and Research 2010;1(2):109-117

- Dr. Sridharan K, Dr. Madhusudhan V, Dr. Srinivasa H, Dr. Yogesh Mahobia, Dr. Sandbhor Shailesh. Evaluation of Validity of Pont's analysis in Tumkur population. Journal of Dental Sciences and Research 2011;2(1):41-49.
- Sridharan K, Vadiraj Udupa, Srinivas H, Sujay Kumar, Shailesh Sandbhor. Prevalence of Class II malocclusion in tumkur population. Journal of Dental Sciences and Research 2011;2(2): 1-5.
- Madhusudhan V, Mahobia Yogesh. Prevelance of mandibular anterior crowding in tumkur population. Journal of Dental Sciences and Research 2011;2(2):6-8.
- Prasanna TR, Sachin G. A Suitable Method. BDJ. 2012;5(5): 198.
- Madhusudhan V, Saqib Hassan. Is Autoclave an Effective Method for Sterilizing Contaminated Molar Bands: An in vitro study. J Ind Orthod Soc 2013;47(4):371-376.

46. State whether the program/ department is accredited/ graded by other agencies? If yes, give details: None

47. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The PG students and staffs are constantly working in the field of research as a part of PG thesis and other ongoing research clinical innovation have been tried and proven successfully

Some of the above new ideas have been published namely:

- Dr. Vadiraj Udupa V, Dr. Prasanna TR, Dr. Sandeep Madhukar, Dr. Sridharan K. Evaluating effectiveness of Traditional learning versus Computer assisted learning in Orthodontics. Journal of Dental Sciences and Research 2010;1(1):6-11.

48. Detail five major strengths, Weakness, Opportunities and challenges (SWOC) of the department.

Strength

- The department is 20 years old.
- Both U.G and P.G courses are running.
- All seats are getting filled.
- Excellent departmental library facilities.
- State of the art infrastructure facilities.
- Separate research committee is there.
- Underperformers are regularly identified and proper steps taken.
- Several problem based enrichment courses are there.

- Holistic development of student in the form of academics, sports, and extracurricular activities.
- Student participation in the form of seminars, journal clubs, and case presentation.
- Good patient inflow.
- Modern orthodontic methodology of clinical practice with good quality and variety of materials and treatment.
- Highly qualified teaching staff.

Weakness

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities

- Opportunity to attend conferences, workshops to enhance skill.
- Certificate courses can be started.
- P.G seats can be increased.
- Conversion of the waiting list patients to productive PG/UG training material.
- Digitalization and systematic maintenance of records.
- Records could be converted to original research and publication.
- Cultivate research culture in students and staff.
- Proper utilization/ division of student time giving equal importance to academics and exposure.

Challenges

- Incorporation of cost effective technology in treatment of patients
- Too incorporate ultra modern technologies in treatment like invisaligners/aligners and incognito lingual orthodontics into clinical practice.
- Channelize the intellectual potential of the staff in productive research and publications.
- Create more awareness among the local population about quality orthodontic care.
- Creation of a placement cell through an interactive alumni association.

49. Future plans of the department.

	2015-16	2016-17	2017-18	2018-19	2019-20
Courses	CDE programmes and enrichment academic courses for under graduates and post graduates	Workshops on contemporary Orthodontic techniques	CDE program hands on programme in TAD	State level e –poster competition	Hands on course on lingual Orthodontics
TLE	Computer assisted learning for students.	Micro teaching for post graduate students.	Organize TOT for staff to upgrade teaching skills.	Clinico-pathological conferences (Inviting other dept faculty for integrated learning).	Expanding the department with advanced diagnostic aids.
Administration	Organize	To sensitize	Free	Patient	To train PGs

	summer camps for motivating patients.	post graduates, teaching and non teaching staffs for OSHA (occupational safety hazard) regulations.	treatment for removable and functional appliances for all patients to improve inflow of patients.	education museum to be established in the department.	in advanced techniques in Orthodontics.
Research/ Extension	To encourage staff and students to take up more research projects.	To encourage staff and students to take up original research projects.	To collaborate with medical college for animal based research.	Evidence based research programmes.	Separate Research centre in the department
Infrastructure And services	Upgrading cubicles and working area for each	Upgrading photography and record room.	Providing facilities for interns to conduct	Subsidizing treatment cost for economically backwar	Educating public on Orthodontic treatmen

	PG student.		specialty oriented camps and programmes in collaboration with community dentistry.	d patients (BPL card holders).	t options and facilities in mass media like FM (Radio Siddhartha).
Innovation	Online update of student's report	Online update of student's feedback forms	Low cast appliance design and executions.	To develop an online interactive forum with Orthodontic study groups.	To develop an innovative technique for Accelerated orthodontic tooth movement.
Collaborations Linkages	Linkage with IDA	Linkage with BOSG	Linkage with medical college for animal studies	Linkage with IOS implants	Linkage with Tumkur University, RGUHS and VTU colleges

					to promote research activities .

EVALUATIVE REPORT OF PERIODONTICS

1. **Name Of The Department:** Periodontics
2. **Year Of Establishment:** 1992-93
3. **Is the department part of a college/faculty of the university?** Yes
4. **Names of programs offered (UG,PG)**
5. **Interdisciplinary programs and departments involved**

- CDE programme was conducted in the year 2014 Sep 10th by Department of Periodontics and BGS Global Hospitals "Clinical Excellence- VII" Perio Gyan.
- Seminar was conducted on teeth with questionable prognosis is extraction the only solution.by dr bharath gupta in the year 03.02.2010.
- Seminar was conducted on probiotics induce preventive treatment in periodontics by dr smitha on 21.07.2010.
- Seminar was conducted on paramolar concrescence and periodontitis by saurab prithyani on 15.12.2010.
- Seminar was conducted on multidisciplinary approach for management of mandibular molar with a questionable prognosis – 6 months case follow up by dr madhura on 22.08.2014.
- Seminar was conducted on chronic non specific fibroepithelilal hyperplasia by dr roopavthi K.M. on 13.02.2015.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.-** None
7. **Details of programs discontinued, if any, with reasons** -None
8. **Examination system: Annual/Semester/Trimester/Choice Based Credit System-** Annual examination conducted by SAHE.
9. **Participation of the department in the courses offered by other departments-** None
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professor/Asst.Professor/others)**

	Sanctioned	**Filled**	**Actual (Including CAS & MPS)**
Professor	As per DCI	1	1
Reader	As per DCI	3	3
Senior lecturer	As per DCI	2	2

Lecturer			
Tutor/ clinical instructor			
Senior resident			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	**Qualification**	**Designation**	**Specialization**	**No. Of Year Of Experience**
Dr. Sanjay Venugopal	MDS	Prof & HOD	Periodontics	13 yrs
Dr. Santhosh Kumar R	MDS	Reader	Periodontics	7 yrs 11 mths
Dr. C.P. Sateesh	MDS	Reader	Periodontics	7 yrs
Dr. Pushpalatha G	MDS	Reader	Periodontics	6yrs 11 mths
Dr. Shruthi S	MDS	Senior Lecturer	Periodontics	2yrs 4 mths
Dr. Sowmya S	MDS	Senior Lecturer	Periodontics	8 mths

12. list of the senior visiting Fellows, adjunct faculty, emeritus professor- None

13. percentage of classes taken by temporary faculty- program-wise information- None

14. Program-wise Student Teacher Ratio: 6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

As per DCI, 1support staff and 1 administrative staff

Number of technical staff	01
Administrative staff	01

16. Research thrust areas as recognized by major funding agencies: None

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project –wise.

List of ongoing projects	2014-2015	02	Dr.Calvin

			Clinical comparision of pain perception & behavior in children using conventional vibrajet injection techniques Dr.Mahalakshmi A Clinical evaluation of posterior composite & posterior glass ionomer restorations in primary molars
	2013-2014	02	Dr.Unni Mohan Clinical & radiographic evaluation of pulpotomy employing Biodentine,mta & formocresol in primary teeth Dr.Fehan Evaluation Of EZ,a new bondable space maintainer & its comparision with the conventional band & loop space maintainer-An invivo study

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration---None

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received—None

20. Research facility /<u>center with</u>

- **State recognition**- none
- **National recognition-** None
- **International recognition-** None

21. Special research laboratories sponsored by /created by industry or corporate bodies

–None

22. Publications:

- Number of papers published in peer reviewed journals (national/ International)
- National: 23 / International: 01
- Monographs - none
- Chapters in Books- None
- Books edited –None
- Books with ISBN with details of publisher
- Number listed in International database (for e.g. Web of science, Scopus, humanities international complete, dare database- international social sciences directory, EBSCO host, Medline, etc.)
- Citation index range/ average

Faculty	No. of citation	Total no. of publications	Citation index	Dept average
Dr. Sanjay Venugopal	01	07	01	1.2
Dr. Santhosh Kumar R	0	05	-	
Dr. C.P.Sateesh	0	04	-	
Dr. Pushpalatha Govindaraju	0	05	-	
Dr. Shruthi S	05	06	05	
Dr.Soumya	0	0	-	

- SNIP
- SJR
- Impact factor- range/average
- H-index

Sl no	Name	H index
1	Dr. Sanjay Venugopal	01
2	Dr. Santhosh Kumar R	-
3	Dr. C.P.Sateesh	-
4	Dr. Pushpalatha Govindaraju	-

5	Dr. Shruthi S	01
6	Dr. Soumya	-

23. Details of patents and income generated - none

24. Areas of consultancy and income generated - none

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad- none

26. Faculty serving in

a) National committees/ International committees c) Editorial Boards d) any other (specify)

Reviewers

- Dr. C.P. Sateesh – as reviewer of International Journal of Ayurveda from 2011 till date.

27. Faculty recharging strategies (Refresher/ orientation programs, workshops, training and similar programs).

The following are the teachers training programme, faculty development programme/national conferences attended by faculty of this department (information for-----dates)

Conference/CDE programmes/workshops attended by the faculty of this department

Dr. Sanjay Venugopal

- 35th national conference ISP, Bangalore, 27th-30th oct 2010.
- CDE on Symplaq, Bangalore, 2010
- CDE on Informed consent, at Sri Siddhartha Dental College, Tumkur, 2010
- CDE on Reserach methodology, at Sri Siddhartha Dental College, Tumkur, 2010
- CDE on Microvascular reconstruction in oro facial defects, Tumkur, 2011
- CDE on Antimicrobial with knowledge comes responsibility, Tumkur, 2011
- Grafting techniques in oral Implantology, Bangalore, 2011
- Clinical excellence I, at Sri Siddhartha Dental College, Tumkur, Feb 6th 2013
- Clinical excellence II, at Sri Siddhartha Dental College, Tumkur, March 13th 2013
- Oral hygiene day celebrations at DA Pandu Memorial RV dental college, Bangalore, 1st Aug 2013.
- Applications of lasers in dentistry, Bangalore, Aug 1st 2013
- Clinical excellence III, at Sri Siddhartha Dental College, Tumkur, 4th sep 2013
- Clinical excellence IV, at Sri Siddhartha Dental College, Tumkur, 26th sep 2013

- Clinical excellence V, at Sri Siddhartha Dental College, Tumkur, 23rd Oct 2013
- Clinical excellence VI, at Sri Siddhartha Dental College, Tumkur, 5th Nov 2013
- Training of teachers by ISP, Bangalore, 20-22nd June 2014
- Integrate 2014- Symposium on lasers and piezo surgery at Indira Ghandhi institute of dental science, Sri Balaji Vidyapeeth University, Puducherry, 28-29th june 2014.
- Perio Prabhat- oxford dental college, Bangalore, 8-9th Aug 2014.
- Dentistry 2014 at ALOFT hotel, Bangalore, 15-16th Aug 2014.
- Clinical excellence VII, at Sri Siddhartha Dental College, Tumkur, 10th sep 2014.
- Perio Charcha- "gone are the days of preserving Periodontally compromised tooth", VS dental college, Bangalore, 30th sep 2014.
- Clinical excellence VIII, at Sri Siddhartha Dental College, Tumkur, 15th Oct 2014.
- Clinical excellence IX, at Sri Siddhartha Dental College, Tumkur, 19th Nov 2014.
- Perio Charcha- " Viruses are the bystanders in periodontal diseases", Oxford dental college, Bangalore, 5th Dec 2014..
- Clinical Excellence X, at Sri Siddhartha Dental College, Tumkur, 17th Dec 2014.
- Clinical Excellence XI, at Sri Siddhartha Dental College, Tumkur, 18th Feb 2015.
- CDE on Pecha Kucha competition at KCDS auditorium, Bangalore, 17th April 2015.
- 12th ISPPD National Post Graduate Convention, 26-28th Feb 2015, Tumakuru.

Dr. Santhosh Kumar R

- 35th national conference ISP, Bangalore, 27th-30th Oct 2010.
- CDE on Symplaq, Bangalore, 2010
- CDE on Informed consent, at Sri Siddhartha Dental College, Tumkur, 2010
- CDE on Research methodology, at Sri Siddhartha Dental College, Tumkur, 2010
- CDE on Microvascular reconstruction in oro facial defects, Tumkur, 2011.
- International conference on Minimally invasive cosmetic dentistry with computer guided occlusion, Bangalore, 06 and 7th Nov 2011.
- 36 th national conference ISP, Ahmedabad, 14th-16th Oct 2011.
- CDE on Antimicrobial with knowledge comes responsibility, Tumkur, 2011.
- Hands on course lasers in periodontics at shymala reddy dental college banglore 2011
- Grafting techniques in oral Implantology, Bangalore, 2011
- CDE on Clinical excellence I, at Sri Siddhartha Dental College, Tumkur, Feb 6th 2013

- CDE on Clinical excellence II, at Sri Siddhartha Dental College, Tumkur, March 13th 2013
- Clinical excellence III, at Sri Siddhartha Dental College, Tumkur, 4th sep 2013
- CDE on Clinical excellence IV, at Sri Siddhartha Dental College, Tumkur, 26th sep 2013
- CDE on Clinical excellence V, at Sri Siddhartha Dental College, Tumkur, 23rd Oct 2013
- CDE on Clinical excellence VI, at Sri Siddhartha Dental College, Tumkur, 5th Nov 2013
- Dentistry 2014 at ALOFT hotel, Bangalore, 15-16th Aug 2014.
- CDE on Clinical excellence VII, at Sri Siddhartha Dental College, Tumkur, 10th Sep 2014.
- CDE on Clinical excellence VIII, at Sri Siddhartha Dental College, Tumkur, 15th Oct 2014.
- CDE on Clinical excellence IX, at Sri Siddhartha Dental College, Tumkur, 19th Nov 2014.
- CDE on Clinical excellence X, at Sri Siddhartha Dental College, Tumkur, 17th Dec 2014.
- CDE on Clinical excellence XI, at Sri Siddhartha Dental College, Tumkur, 18th Feb 2015.
- CDE on Pecha Kucha competition at KCDS auditorium, Bangalore, 17th April 2015.
- 12th ISPPD National Post Graduate Convention, 26-28th Feb 2015, Tumakuru.

Dr. C.P. Sateesh

- 35th National conference ISP, Bangalore, 27th-30th oct 2010.
- CDE on Symplaq, Bangalore, 2010
- CDE on Informed consent, at Sri Siddhartha Dental College, Tumkur, 2010.
- FDI IDA, Bangalore, 19th Nov 2010.
- CDE on Research methodology, at Sri Siddhartha Dental College, Tumkur, 2010
- CDE on Microvascular reconstruction in Oro facial defects, Tumkur, 2011
- Hands on course lasers in periodontics at shymala reddy dental college banglore 2011
- International conference on Minimally invasive cosmetic dentistry with computer guided occlusion, Bangalore, 06 and 7th Nov 2011.
- 36th national conference ISP, Ahmedabad, 14th-16th Oct 2011.
- CDE on Antimicrobial with knowledge comes responsibility, Tumkur, 2011.
- CDE on Grafting techniques in oral Implantology, Bangalore, 2011
- CDE on Clinical excellence I, at Sri Siddhartha Dental College, Tumkur, Feb 6th 2013

- CDE on Clinical excellence II, at Sri Siddhartha Dental College, Tumkur, March 13th 2013
- CDE on Clinical excellence IV, at Sri Siddhartha Dental College, Tumkur, 26th Sep 2013
- CDE on Clinical excellence at Sri Siddhartha Dental College, V, Tumkur, 23rd Oct 2013
- CDE on Clinical excellence at Sri Siddhartha Dental College, VI, Tumkur, 5th Nov 2013
- Training of teachers by ISP, Bangalore, 20-22nd June 2014.
- Integrate 2014- Symposium on lasers and piezo surgery at Indira Ghandhi institute of dental science, Sri Balaji Vidyapeeth University, Puducherry, 28-29th June 2014.
- CDE on Clinical Excellence VII, at Sri Siddhartha Dental College, Tumkur, 10th sep 2014.
- CDE on Clinical Excellence VIII, at Sri Siddhartha Dental College, Tumkur, 15th oct 2014.
- CDE on Clinical Excellence IX, at Sri Siddhartha Dental College, Tumkur, 19th nov 2014.
- CDE on Clinical Excellence X, at Sri Siddhartha Dental College, Tumkur, 17th dec 2014.
- CDE on Clinical Excellence XII, at Sri Siddhartha Dental College, Tumkur, 18th feb 2015.
- CDE on Pecha Kucha competition at KCDS auditorium, Bangalore, 17th april 2015.
- 12th ISPPD National Post Graduate Convention, 26-28th Feb 2015, Tumakuru.

Dr. Pushpalatha G

- CDE on Informed consent, at Sri Siddhartha Dental College, Tumkur, 2010.
- CDE on Research methodology, at Sri Siddhartha Dental College, Tumkur, 2010
- CDE on Microvascular reconstruction in Oro facial defects, Tumkur, 2011
- CDE on Antimicrobial with knowledge comes responsibility, Tumkur, 2011.
- CDE on Grafting techniques in Oral Implantology, Bangalore, 2011
- CDE on Clinical excellence I, at Sri Siddhartha Dental College, Tumkur, Feb 6th 2013
- CDE on Clinical excellence II, at Sri Siddhartha Dental College, Tumkur, March 13th 2013
- CDE on Clinical excellence IV, at Sri Siddhartha Dental College, Tumkur, 26th Sep 2013

- CDE on Clinical excellence V, at Sri Siddhartha Dental College, Tumkur, 23rd Oct 2013
- CDE on Clinical excellence VI, at Sri Siddhartha Dental College, Tumkur, 5th Nov 2013
- Integrate 2014- Symposium on lasers and piezo surgery at Indira Ghandhi institute of dental science, Sri Balaji Vidyapeeth University, Puducherry, 28-29th June 2014.
- CDE on Clinical excellence VII, at Sri Siddhartha Dental College, Tumkur, 10th Sep 2014.
- CDE on Clinical excellence VIII, at Sri Siddhartha Dental College, Tumkur, 15th Oct 2014.
- CDE on Clinical excellence IX, at Sri Siddhartha Dental College, Tumkur, 19th Nov 2014.
- CDE on Clinical excellence X, at Sri Siddhartha Dental College, Tumkur, 17th Dec 2014.
- CDE on Clinical excellence XI, at Sri Siddhartha Dental College, Tumkur, 18th Feb 2015.
- 12th ISPPD National Post Graduate Convention, 26-28th Feb 2015, Tumakuru

Dr. Shruthi S

- CDE on Clinical excellence I, at Sri Siddhartha Dental College, Tumkur, Feb 6th 2013
- CDE on Clinical excellence II, at Sri Siddhartha Dental College, Tumkur, March 13th 2013
- Integrate 2014- Symposium on lasers and piezo surgery at Indira Ghandhi institute of dental science, Sri Balaji Vidyapeeth University, Puducherry, 28-29th June 2014.
- CDE on Clinical Excellence IV, at Sri Siddhartha Dental College, Tumkur, 26th Sep 2013
- CDE on Clinical Excellence V, at Sri Siddhartha Dental College, Tumkur, 23rd Oct 2013
- CDE on Clinical Excellence VI, at Sri Siddhartha Dental College, Tumkur, 5th Nov 2013
- CDE on Clinical Excellence VII, Tumkur, 10th Sep 2014.
- CDE on Clinical Excellence VIII, at Sri Siddhartha Dental College, Tumkur, 15th Oct 2014.
- CDE on Clinical Excellence IX, at Sri Siddhartha Dental College, Tumkur, 19th Nov 2014.
- CDE on Clinical Excellence X, at Sri Siddhartha Dental College, Tumkur, 17th Dec 2014.

- CDE on Clinical Excellence XI, at Sri Siddhartha Dental College, Tumkur, 18th Feb 2015.
- CDE on Pecha Kucha competition at KCDS auditorium, Bangalore, 17th April 2015.
- 12th ISPPD National Post Graduate Convention, 26-28th Feb 2015, Tumakuru.

Dr. Soumya S

- CDE on Clinical excellence VIII, at Sri Siddhartha Dental College, Tumkur, 15th Oct 2014.
- CDE on Clinical excellence IX, at Sri Siddhartha Dental College, Tumkur, 19th Nov 2014.
- CDE on Clinical excellence X, at Sri Siddhartha Dental College, Tumkur, 17th Dec 2014.
- CDE on Clinical excellence XI, at Sri Siddhartha Dental College, Tumkur, 18th Feb 2015.
- CDE on Pecha Kucha competition at KCDS auditorium, Bangalore, 17th April 2015.
- 12th ISPPD National Post Graduate Convention, 26-28th Feb 2015, Tumakuru.

28. Student projects

- Percentage of students who have taken up in house projects including interdepartmental projects

Completed project with year and title

1. Comparative evaluation of DFDBA with and without PRF in human vertical periodontal defects. a clinical and radiographic study- 2012.
2. Evaluation of the effect of surgical and non surgical periodontal therapy on serum c reactive protein levels in patients with chronic and aggressive Periodontitis- a clinico biochemical study-2012
3. To compare the efficacy of two commercially available mouth rinses in reducing bacterial aerosol contamination when used as a pre procedure a rinse with and without aerosol 3 months reduction device . a microbiological study-2013
4. Affect of non surgical and surgical periodontal therapy on serum lipid levels in chronic and aggressive periodontitis- 2014
5. Prevalance of gingivitis among 6- 14 yr old children in tumkur city- 2014
6. To Evaluate Periodontal Condition In University Students Based On Their Eating Habits: A Cross-Sectional Study- 2014

7. Periodontal inflamatory conditions among gutka chewers and non chewers with and without pre-diabetes-2014
8. Comparative evaluation of coronally advanced flap alone or in combination with PRF in the treatment of class I/ II miller's gingival recession-2015
9. Antimicrobial efficacy of commercially available 7 toothpaste and 7 mouth washes against streptococcous mutans e coli against candida albicans-2015
10. Periodontitis as an independent risk factor for pre term labour a retrospective study- 2014

In progress

1. Prevalance and distribution of osseous defects in chronic periodontittis patients in tumkur. a clinical study.
2. The potential use of glucometer to estimate gingival blood glucose levels a screening chair side method to detect diabetics
3. Evaluation of microbial contamination of tooth brushes and their decontamination using various disinfectants- an invitro study
4. Antibacterial activity of neem extract on periodontal pathogens – an invitro study
5. Evaluation of sustained local release versus systemic release of amoxicillin in moderate to severe chronic periodontitis patients- a clinical study
6. Comparison of sesame oil gel versus chlorhexidine gel in the treatment of chronic generalized periodontitis- a clinical study.

29. Awards /recognitions received at the national and international level by

Awards	2014-2015		
	2013-2014		
	2012-2013		
	2011-2012	01	Awarded the best teacher award for the year 2011-2012 in S.Nijalingappa institute of dental sciences and research , Gulbarga
	2010-2011	01	Awarded the best teacher award for the year 2010-2011 in S.Nijalingappa institute of dental sciences and research , Gulbarga.

30. Seminars/ conferences/ workshops organized and the source of funding (National/ international) with details of outstanding participants if any.

- CDE on Antimicrobial with knowledge comes responsibility, tumkur, 2011.

Speakers:

1. Dr. Sanjay Venugopal
2. Dr. Pauline George
3. Dr. Kranti

- CDE on Clinical excellence VII, tumkur, 10th sep 2014.

Speakers:

1. Dr. Ravindra- Gastroentrolongist at BGS global hospital, Bangalore.
2. Dr. Balasubramanya- Periodontist, Bangalore.

31. Code of ethics for research followed by departments- ethical committee

32. Student profile program –wise

BDS pass percentage year wise

MDS pass percentage year wise

YEAR	APPEARED				PASSED				PERCENTAGE			
	MAY		OCT		MAY		OCT		MAY		OCT	
	M	F	M	F	M	F	M	F	M	F	M	F
2011	-	02	-	-	-	02	-	-	-	100	-	-
2012	-	-	02	-	-		01	-	-	-	50	-
2013	02	01	-	-	02	01	-	-	100	100	-	-
2014	01	01	-	-	01	01	-	-	100	100	-	-
2015	-	02	-	-	-	02	-	-	-	100	-	-

33. Diversity of students

Name of the program	% of students from the same university	% of students from other universities within state	% of students from other universities outside the state	% of students from other countries
2008-2009		2/2		
2009-2010		1/ 2	1/2	

2010-2011		1/ 2	1/2	
2011-2012		1/ 2	1/ 2	
2012-2013		2/2		
2013-2014		1/ 2	1/ 2	
2014-2015			2/2	

34. How many students have cleared Civil services and defense services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELT San other competitive examinations ? – none

35. Student progression

Student progression	**Percentage against enrolled**
UG to PG	2013- Dr. Madhura 2014- Dr. Deepthi

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	None
From other universities within the state	06
From universities from other states	-
From universities outside the country	-

37. Number of faculty who were awarded M.phil, DM, PhD., D.Sc and D.Litt. during the assessment period- none

38. Present details of departmental infrastructural facilities with regard to

a) Library: 41 text books, **seminars:** 109 **Library dissertations:** 07 **Main dissertations:** 05

b) Internet facilities for staff and students: WIFi available

c) Total number of class rooms: 4 class rooms.

d) Class rooms with ICT facility and smart class rooms: None

e) Students laboratories – Laboratory available

f) Research laboratories - None

39. List of doctoral, post doctoral students and research associates

a) From the host institution/ university- None

b) From other institution/ university- None

40. Number of post graduate student getting financial assistance from university.- None

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. - None

42. Does the department obtain feedback from

g. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

h. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

i. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List of the distinguished alumni of the department (maximum 10): None

44. Give details of student enrichment programs (special lectures/ workshops/ seminar) involving external experts. None

45. List the teaching methods adopted by the faculty for different programs including clinical teaching: discussions, case analysis, theory classes, surgery observation.

Assessment for slow learners

- Teaching the students using digital display for theory classes
- Before the students are allotted cases they are shown demonstrations on patients.
- Discussion of relevant case histories of the patients.
- The students are designated to observe the ongoing surgery for better understanding.
- Chair side discussions before starting the cases and also after completing the cases in clinics.

- Demonstrating the oral hygiene instructions and brushing techniques using appropriate charts and models.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? :

- Monthly Internal evaluation of the knowledge acquired based on the teaching incorporated during the postings.
- Evaluating the students before the end of the postings for their knowledge on clinical skills acquired during their postings.
- Monthly and half yearly structured tests and annually examinations at department level for post graduates.

47. Highlight the participation of students and faculty in extension activities.

- Quiz: Dr. Melwin, Dr. Deepthi, Dr. Tom
- Essay: Dr. Deepthi, Dr. Melwin, Dr. Roopa, Dr. Madhura

48. Give details of "beyond syllabus scholarly activities" of the department.

49. State whether the program /department is accredited /graded by other agencies? If yes give details. None

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

51. Detail 5 major strengths, weaknesses, opportunities and challenges (SWOC) of the department

Strengths

- It is the only college in the district, so the department has very good inflow of patients
- The staff in the department are highly qualified and dedicated
- Patients are to immedietly and treatment is started in the first visit itself
- All the department staff are involved in taking case discussions with the students
- Students have got good number of patients to understand proper diagnosis and treat them proficiently
- Taking proper welfare of the patients by the students is emphasized during the training
- Special classes are taken for students who are slow in learning after the regular hours
- Hands on demonstration is given to students before they are allowed to work on patients
- Students are required to record and observe different type of cases which makes them ready to practice in their clinics

- Department follows strict infection control protocol preventing cross contamination
- Department has excellent and up to date library for references and information
- Advanced and student friendly learning methods are used for teaching
- Well planned, well ventilated and naturally illumined department provides a nature friendly for the patients and the learners
- Department is very important as all cases should have good oral hygiene before initiation of the treatment.

- **Weakness :**

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunity

- Since the college in rural set up, a dedicated oral hygiene screening camps can be conducted all through the year for creating awareness.
- Can distribute pamphlet and brushing aids to the rural population to promote practice of proper oral hygiene.
- Road shows and seminars to be conducted at prominent centers in the town to create awareness of the role of periodontal disease on systemic health.
- Department can start a advanced course on implants and lasers for the practicing dental surgeons.
- Department library can be tied up with other universities for getting latest journals.
- D4epartment can form a study group, which help practicing specialists to meet and discuss newer treatment modalities.

Challenges

- Department needs financial grants for conducting the various screening and treatment camps in the rural area.
- Department needs improved and advanced infection control protocol to be adopted to prevent cross contamination.
- As the college is situated in rural set up department needs to provide bus facility to the patient to reach college conveniently to avail treatment.

52. Future plans of the department

	2015-16	2016-17	2017-18	2018-19

Administration	To train post graduates in research methodology	To train post graduates in microbiological sampling and analysis	To start advanced periodontal surgical course for graduates.	To start a separate implantology department.
Courses	To start training on application of lasers in periodontology.	To increase intake of MDS seats.	To start diploma course in esthetic dentistry.	To start a diploma course in implantology.
Infrastructure	To procure lasers.	To procure materials to set up for microbiological sampling.	To procure surgical microscope and microsurgical instruments.	To procure advanced materials to set up implants.
TLE	To conduct special coaching classes for preparation of clinical exam and Viva Voce. To conduct local debate and seminar in association with	To conduct oral screening camps in Tumkur district. Teacher training programme for upgradation of faculty.	To conduct national level UG convention. To start certificate programme in lasers.	To conduct national level PG convention. To start certificate programme in implants.

	speciality branch office.			
Research	To set up data base of oral hygiene status of Tumkur population in collaboration with local branch. To collaborate with SAHE for research grants.	To publish original research articles in speciality journals. To present paper and chair session in PG convention.	To collaborate with ICMR for research grants. To procure PCR and start genetic research.	To research genetic markers in aggressive periodontics patients in Tumkur district.

EVALUATIVE REPORT OF PROSTHODONTICS

1. **Name Of The Department**: Department of Prosthodontics
2. **Year Of Establishment:** 1992
3. **Is the department part of a college/faculty of the university?** Yes, faculty of the college
4. **Names of programs offered (UG,PG, pharm D, integrated maters; M.phil., Ph.d., Integrated Ph.D. certificate, diploma, PG diploma, D.M./M.Ch., Super Specialty fellowship, Etc.):**

Course level	Course name	Annual/semester	Year of starting	Number of intake per year	Duration of course
Under graduate	BDS	Annual	1992	40	4 years + 1 year internship
Post graduate	MDS	Annual	2010	2	3 years

5. **Interdisciplinary programs and departments involved**

- Interdepartmental implantology workshop (Prosthodontics and oral maxillofacial surgery)
- Our department has conducted the CDE programme on "CLINICAL EXCELLENCE – II, Dr Sanjay venugopal, DrSharadadevimannur, Dr. AkshayShetty, DrVani Shree N. &Dr Kashinath are the resource persons. And "PROSTHODONTICS FOR HEALTHY BITE" - DrPrafullaTumati&Dr C N Shastry are the resource persons. Staff, Post graduates and interns from all departments are attended the programme.
- Our department has conducted the IDM(Inter Departmental Meeting)

Date	Topic	Presenter
07/04/2010	Prosthetic rehabilitation of localized alveolar defect	Dr Naveen BH
09/06/2010	Trends in current day practice management	Dr KR Kashinath
01/09/2010	Obturator –A boon for rehabilitation	DrUmashree

03/11/2010	Centric relation	Dr KR Kashinath
02/02/2011	Prosthodontic management of a patient with maxillary anterior proclination& spacing – case report	DrMubeen
13/12/2011	A conventional complete denture with removable springs – a retentive mechanism for a poor edentulous foundation – A case report	DrMubeen
31/10/2014	Cement screw retained implant prosthesis	DrSowmya
17/04/2015	Soft tissue management in the edentulous state	DrManoranjanOkram

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.----**

   None.

7. **Details of programs discontinued, if any, with reasons -----**None

8. **Examination system: Annual/Semester/Trimester/Choice Based Credit System-**

   Annual examination conducted by SAHE university

9. **Participation of the department in the courses offered by other departments**

- Basic life support courses conducted by the oral and maxillofacial surgery
- Clinical photography orientation conducted every year to help PG students to acquire shills of photography – to document cases

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professor/Asst.Professor/others)**

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor		2	
Associate Professor/Reader		4	
Assistant professor/senior lecturer		2	
Lecturer/ Tutor		-	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. Of Year Of Experience
Dr Kashinath K.R.	M.D.S.	Professor & Head	Prosthodontics	24 years 7 months
Dr Naveen B.H.	M.D.S.	Professor	Prosthodontics	11 years 6 months
Dr Ravi Kumar N	M.D.S.	Reader	Prosthodontics	9 years 2 months
DrShylesh Kumar B.S.	M.D.S.	Reader	Prosthodontics	8 years 6 month
DrKalavathi S.D.	M.D.S.	Reader	Prosthodontics	6 years
DrRaghavendra Prasad S	M.D.S.	Reader	Prosthodontics	5 years 9 months
DrLalitha N	M.D.S.	Senior lecturer	Prosthodontics	3 years 9 months
DrShruthi H.R.	M.D.S.	Senior lecturer	Prosthodontics	2 years 11 months

12. list of the senior visiting Fellows, adjunct faculty, emeritus professor-

None

13. Percentage of classes taken by temporary faculty- program-wise information-

As per DCI norms there are no temporary faculties in the department.

14. Program-wise Student Teacher Ratio:

Programme		Staff	Students	Student teacher ratio
Under graduate	Dental materials	2 staff	40 per batch	1:20
	Preclinical prosthetics	2 staff	20 per batch	1:10
	Prosthodontic	2 staff	40 per batch	1:20

	Clinics	2 staff	5 per batch	1.2
Post graduate		06	06	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Number of technical staff	02
Administrative staff	01

16. Research thrust areas as recognized by major funding agencies:

SAHE University, Tumkur, recognized research thrust areas in the field of dentistry/ prosthodontics.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project –wise.

List of ongoing projects	2014-20 15	10	• The type of adhesion of two microorganisms on superficial and inner surface of high impact hear cure denture base resin.- An in vitro comparative study – **Dr Kashinath KR** • Effective use of three different mouth wash solution against candida Ablicans on flexible acrylic resin – an in vitro study – **Dr Naveen BH** • Type of adhesion of two microorganisms on superficial surface of cast metal alloy – an in vitro study – **Dr Naveen BH** • Assessment of mandibular incisive canal in the interforaminal region during endosseous implant placement in dental implant surgery: Two dimensional v/s three dimensional imaging. – **Dr Ravi Kumar** • Evaluation of passive fit in implant supported prosthesis – in vitro study - **Dr**

			Shylesh Kumar BS • Comparison of shear bond strength of ceramics between cast metal and direct metal laser sintered alloy – SEM study – An in vitro study –**DrKalavathi SD** • Effect of disinfecting procedures on the dimensional stability and surface hardness of three different types of heat cure denture base resin. – an in vitro study - **Dr Raghavendra Prasad. S** • RRK parallel plan – an innovative method for evaluation of plane of orientation with fox plane- **DrRaghavendra Prasad. S** • A comparative study to evaluate the efficacy of disinfecting the impression by spray method & by adding the disinfectant to the irreversible hydrocolloid impression material.- **Dr Lalitha N** • A scanning electron microscopic study for evaluation of type of ceramic failure between the ceramic and zirconia core of CAD/CAM systems. **Dr Shruthi TN** • The Effectiveness of two disinfecting agents on various microorganisms adhered to high impact heat cure and flexible denture base resins – An In Vitro Comparative Study • Comparison of dimensional stability of implant impressions with poly vinylsiloxane and polyether impression

			material using closed and open tray technique- An In Vitro study
	2013-20 14	-	• Comparison of the shear bond strength of two different bonding systems on zirconia surface using dual cure resin cement-An In Vitro Study • Comparison of the shear bond strength of ceramics between cast metal (co-cr) and direct metal laser sintered alloy (co-cr)" - An In Vitro Study.

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration---

Not applicable.

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; Total grants received—

None,

20. Research facility /center with

- State recognition- None
- National recognition- None
- International recognition- None

21. Special research laboratories sponsored by /created by industry or corporate bodies –None**.**

22. Publications:

- Published Papers In Journals:

➢ Dr. Kashinath K.R. et.al., Factors affecting patient satisfaction among those attending an outpatient department of a dental college in Tumkur City – A survey. Journal Of Dental Sciences And Research 2010;1:2: 1-10.

➢ Dr .Jagadish K.N, Dr. Ravi kumar N, Dr Naveen B.H, Dr. Kashinath K.R., Psychological Preparation of Complete Denture Patients. Journal Of Dental Sciences And Research 2010;September Volume 1 Issue 2:94-102

➢ Dr. Jagadeesh KN, Dr. Ravi kumar, Dr. K.R. Kashinath, "Flangeless cast partial denture" – a simplified approach for a better emergency profile with improved masticatory efficiency. Journal of Dental Sciences & Research.2010;1:1: Pages 50-54

- Dr. Sunitha N Shamnur, Dr. Jagadeesh KN, Dr. Kalavathi SD, Dr. Kashinath KR., "Flexible dentures" – an alternate for rigid dentures. Journal of Dental Sciences & Research 2010; 1:1: Pages 74 – 79
- Dr. Ravi Kumar, Dr. Jagadeesh KN, Dr. Keertiram, Dr K.R. Kashinath, Dental Implants-Boon To Esthetic Dentistry Journal Of Dental Sciences And Research.2010;1:1: Pages 62-65
- Dr Naveen BH, Dr. sanjayagouda B. patil, Dr. K. Kumaraswamy. Original article: A study on transverse strength of different denture base resins repaired by various materials and methods: An in-vitro study. Journal Of Dental Sciences And Research.2010;Feb:1:1:66-73
- Dr. Kalavathi S.D, Dr. Arvindmoldi, Dr. Phaneendra Kumar. Restoring Ocular Esthetics Using Ocular Prosthesis. Journal of Dental Sciences & Research. 2010;1:2: Pages 39-44
- Dr K.R. Kashinath, Dr. Chandra shekar. L. Herpes Zoster along maxillary nerve with osteonecrosis. Journal Of Dental Sciences And Research.2011;2:1:12-17
- P. Roshan Kumar, Puneet Sharma, Kalavathy.N, K.R. Kashinath. Hearing damage and its prevention in dental practice. Journal Of Dental Sciences And Research.2011;2:2:1-5
- Dr. Naveen. B.H., Dr. Kashinath. K.R., DrJagadeesh. K.N., Dr. Rashmi.B.Mandokar. Infection control in Prosthodontics: a review. Journal Of Dental Sciences And Research.2011;Feb:2:1:93-107
- Naveen BH, Kashinath K.R, Ravi Kumar N, Kalavathi S.D. Pre-planned surgical Obturators prosthesis – a boon for rehabilitation Journal Of Dental Sciences And Research.2011;vol. 2, issue 2, pages 1-5
- Sateesh C.P., Kalavathi. S.D. Second Hand Smoke. Journal of Dental Sciences & Research. 2011;2:2: Pages 78 – 80.
- Dr. RaghavendraPrasad,S, Dr. RitikaBhambhani, Dr. Shalinijoshi. Custom Modified Stock Ocular Prosthesis: A Case Report.Indian dental journal clinical practice 2011; September: vol5: issue 9:63-66.
- DrLalitha N, DrGajaathi, DrVeena S Prakash, DrVinaykumar. Esthetic problem :Prosthetic Solution- A Case Report: International Journal of Oral Health Sciences. 2011;1:1:8-12
- Dr. M. Naveen kumar, Dr.P.Srinivas, Dr.S.Ramadevi, Dr.S.RaghavendraPrasad,S. Dr. P.Ajayprakash, Dr.M.Sudhakar. Hypohidrotic ectodermal dysplasia with anodontia: a rare case – rehabilitation by prosthetic management. Journal of Indian academy of oral medicine and radiology. 2012; DEC: vol 4:issue 24:338-341.

- Dr. Roshankumar, Dr. K.R. Kashinath, DrSrivatsa G, Dr. Puneeth Sharma. A finite element analysis to determine and compare stress distribution around two parallel and non parallel dental implants supporting a fixed prosthesis. Karnataka State Dental Journal.2011;30:3:86-90
- Dr. Shalinijoshi, Dr. RitikaBhambhani, Dr. RaghavendraPrasad,S. Making of a smile: A simple approach to assess the alignment of a lateral incisor. RGHUS Journal Of Dental Sciences. 2011; December: vol 3:issue 4, 3-7.
- Dr. RaghavendraPrasad,S, Dr. RitikaBhambhani, Dr. Shalinijoshi Esthetic problem – prosthetic solution for an ocular defect: a case report.World journal of dentistry. 2012; SEP: vol 3: issue 3: 269-272.
- Ravi Kumar, Raghavendra Prasad. S, K.R. Kashinath, Naveen B.H., Telescopic complete denture-with a custom mode stud attachment Journal Of Dental Sciences And Research.2012;2:3:10-13
- JayaprakashashMugurbasavanna, Nisha Sharma, Dr Korapathiramanada Gupta. Kashinath, Dharmendra Kumar Sinha, Management of Flabby Ridge, Resorbed Ridge And Increased Inter-ridge Distance -A Case Report. BUJOD.2013; may: Vol. 3 Issue-2
- DrMeenakshi, DrRaghunath,Dr Ganesh, DrShyleshkumar; Digital impression- From Bites to Bytes in Mysore dental journal. 2013;v0l 2:3:6-9
- DrShyleshkumar, DrHallikerimath ,DrRajeev,Dr Ganesh, DrMeenakshi; Evaluation of physical properties of tissue conditioner as used in functional impression. Invitro,in International journal of oral health. 2013;5(3),20-27
- Dr Ganesh, Dr Anil gujjari, DrShyleshkumar, Dr Ravi, DrMeenakshi; Comparative study to assess the effectiveness of various disinfectants on two microorganisms and the effect of same on flexural strength of acrylic denture base resin. An In vitro study. International journal of oral health. 2013;5(3),55-62
- Santhosh Kumar, Mythri H, Kashinath KR. A Clinical Perspective Of Myths About Oral Health; A Hospital Based Survey. Universal Journal of Pharmacy 2014; Jan-Feb03 (01), 35-37
- Darshanabennadi, KR Kashinath, NanditaKshetrimayum, and VeeraRedaay. Occupational hazards in dentistry. Research journal of pharmaceutical, biological and chemical sciences 2014;5(3):1605-1614
- Mythri H, Naveen B H, Kashinath KR, and Bharateesh J V. Hepatitis C and Dentistry in a Nutshell. Research Journal of Pharmaceutical, Biological and Chemical Sciences 2014; May-June 5(3) Page No. 1146 – 1150

- L. Chandrashekar, K.R. Kashinath, SettySuhas. Labial Ankyloglossia Associated with Oilgodontia: a case report. Journal of dentistry, Tehran University of medical Sciences 2014;vol 11:4:481-484
- Darshanabennadi, K.R. Kashinath, J.V. Bharateesh. Social marketing – its intial concepts. Indian journal of research in pharmacy and biotechnology 2014;July-August: 1257-1262
- NAVEEN B H. K.R. KASHINATH, MYTHRI H, NAUSHEEN HAJIRA. Rare but reality of methyl methacrylate in dentistry – A case study International journal of pharmacy and pharmaceutical science 2014;vol6: 6:39-40
- BANDLAR H. NAVEEN, KORAPTHI R KASHINATH, SWAPNIL B SHANKARGOUDA, MYTHRI HALAPPA. A Blue Tooth – Auricular Prosthesis: A Case Report. Journal of Clinical and Diagnostic Research. 2014; Aug, Vol-8(8): ZD36-ZD38
- Mythri H, Kashinath KR, Nosocominal Infections In Patients Admitted In Intensive Car Unit Of A Tertiary Health Center, India. Annals of medical and health sciences research 2014;sept-oct:vol 4:5:738-741
- MythriHalappa, jayannaVinayakBharateesh, KorapathiRamanandagupta Kashinath. Situational analysis of dental health workforce in india: need for attention. Dental hypotheses 2014;Oct-Dec:vol 5:4:162-163
- MythriHalappa, Naveen B H, Santhosh Kumar, Sreenivasa H, SWOT Analysis of dental health workforce in india: A dental alarm Journal of clinical and diagnostic research. 2014;Nov: vol-8(11):ZE03-ZE05
- N. RaviKumar, S. Suhas. Not Recommended. British Dental Journal.2009;207;11;518
- NagabhairavaRaviKumar, M. GunaShekhar, S.Raghavendra Prasad, N.Lalitha, P.Ramanjaneyaraju, Y.A. Natesh. Unusual foreign body in the nasal cavity of an adult with repaired cleft lip and palate. The Cleft Palate- Craniofacial Journal 2015; march:52(2):219-222.

Publication per faculty: Total 53

Faculty/students	National	International	Total	PubMed	Scopus	Monographs
Dr Kashinath K.R.	16	06	22	02	05	01
Dr Naveen B.H.	06	05	11	04	06	01
Dr Ravi Kumar N	04	02	6	02	-	-

DrShylesh Kumar B.S.	01	02	03	02	-	-
DrKalavathi S.D.	4	-	4	-	-	-
DrRaghavendra Prasad S	4	1	5	2	-	-
DrLalitha N	1	1	2	1	-	-
DrShruthi H.R.	-	-	-	-	-	-

- Books edited –None
- Books with ISBN with details of publishers - Nil
- Number listed in International database (for e.g. Web of science, Scopus, humanities international complete, dare database- international social sciences directory, EBSCO host, Medline, etc.)
- Citation index range/ average, impact factor

Faculty	No. of citation	Citation index	h-index	Impact factor
Dr Kashinath K.R.	-	-	-	4.23
Dr Naveen B.H.	49	-	3	2.196
Dr Ravi Kumar N	-	-	-	2.182
DrShylesh Kumar B.S.	-	-	-	-
DrKalavathi S.D.	-	-	-	-
DrRaghavendra Prasad S	-	-	-	1.106
DrLalitha N	-	-	-	1.106
DrShruthi H.R.	-	-	-	-

- SNIP – Not Applicable
- SJR - Not Applicable

23. Details of patents and income generated – Nil

24. Areas of consultancy and income generated -----Nil

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad-------

DCI inspections:

- Dr Kashinath K.R. appointed as DCI inspector for first final MDS examination in the speciality of prosthodontics of Army college of dental sciences, Secunderabad on 25th& 26th April 2011
- Dr Kashinath K.R. appointed as DCI inspector for 4th year MDS course renewal in the speciality of prosthodontics at Karnavati school of dentistry, Gandhinagar on 5th December 2012
- Dr Kashinath K.R. appointed as DCI inspector for renewal of the central government permission for 2nd year BDS course at Siddhpur dental college, Gujaraton on 29th& 30th April 2013.
- Dr Kashinath K.R. appointed as DCI inspector for to starting MDS course in the speciality of prosthodontics at Dasmesh institute of research & dental sciences, Punjab on 17/02/2011
- Dr Kashinath K.R. appointed as DCI inspector for starting MDS course in the speciality of prosthodontics at G.Pulla Reddy dental college, Kurnool on 23/01/2012.
- Dr Kashinath K.R. appointed as DCI inspector for renewal of the central government permission for 2nd year of MDS course in the speciality of prosthodontics at BharatiVidyapeeth dental college & hospital, sangli, Maharashtra on 2/12/2014.
- Dr Ravi kumar N appointed as DCI inspector for MDS renewal in the speciality of prosthodontics at MNR Dental College, MNR Nagar, Hyderabad on 06/01/2015.
- Dr Ravi kumar N appointed as DCI inspector for MDS renewal to increase seats in the speciality of prosthodontics at Govt dental college, Trivandrum on 13/01/2015.
- Dr Ravi kumar N appointed as DCI inspector for first final MDS examination in the speciality of prosthodontics at Subharati dental college, Meerut, on 12th& 13th may 2015

Experts have been called for workshops, guest lectures and as examiners in various national universities

26. Faculty serving in

a) National committees/ International committees c) Editorial Boards d) any other (specify)

Dr Kashinath KR:

- Vice president – Indian prosthodontics society
- Advisor, journal 0f Dental Sciences And Research
- Past president & member – Bangalore prosthodontics forum
- Past treasurer & member - Bangalore prosthodontics forum

- Past president – IDA Tumkur Branch – twice
- ISOI – member
- Chairperson for all college committees

Dr Naveen BH:

- Board of studies – SAHE University.
- Executive Member - Sri Siddhartha Dental College Alumni Association. Tumkur
- Sectional Editor, Department Of Prosthodontics, journal 0f Dental Sciences And Research.
- President Elect – IDA Tumkur branch
- Reviewer for journal
- Member – Indian prosthodontics society
- Member – Bangalore Prosthodontic forum
- Co- chairperson for computer maintenance committee
- Member for Academic Advisory Committee
- Member for Alumni committee
- Member for Ceramic lab in charge committee
- Member for Dissertation progress review committee
- Member for Editorial committee
- Member for Institutional Ethical committee
- Member for Institutional grievance committee
- Member for Institutional Research committee
- Member for Laboratory gas in charge committee
- Member for Malaysian student welfare committee
- Member for Patient welfare committee
- Member for Staff student interaction committee Store maintenance committee
- Member for Staff/Student welfare committee
- Member for Synopsis review committee
- Member for University interaction committee

Dr Ravi Kumar:

- Member for– Indian prosthodontics society
- Member for – Bangalore Prosthodontic forum
- Member for NAAC coordinator committee
- Member for Sports committee

DrShylesh Kumar BS:

- Member – Indian prosthodontics society
- Member – Indian dental association Tumkur branch
- Member – for ISPRP
- Co-chairperson for Laboratory gas in charge committee
- Member for Alumni committee
- Member for Store maintenance committee
- Member for Student welfare committee
- Member for University interaction committee

DrKalavthi:

- Co- chairperson for Malaysian student welfare committee
- Member for Alumni committee
- Member for Anti ragging committee
- Member for Boys & Girls hostel in charge committee
- Member for Disciplinary committee
- Member for Editorial committee
- Member for Internal quality assurance system committee (IQAC)
- Member for Monitoring cell for ragging committee
- Member for Students mentor committee
- Member for Women welfare committee
- Member for– Indian prosthodontics society

DrRaghavendra S Prasad:

- Member for Indian prosthodontics society
- Member for Bangalore Prosthodontic forum
- Member for Alumni committee
- Member for Ceramic lab in charge committee
- Member for Laboratory gas in charge committee
- Member for Patient welfare committee
- Member for Students mentor committee

DrLalitha N:

- Board of studies – SAHE university
- Member for Indian prosthodontics society

- Member for Anti ragging squad committee
- Member for Boys & Girls Hostel in charge committee
- Member for CDE/ Interdepartmental meeting committee
- Member for Ceramic lab in charge committee
- Member for Students mentor committee

DrShruthi HR:

- Member for Indian prosthodontics society
- Member for CDE/ Interdepartmental meeting committee
- Member for Student welfare committee
- Member for Students mentor committee
- Member for Waste management committee

27. Faculty recharging strategies (Refresher/ orientation programs, workshops, training and similar programs).

The following are the teachers attended conferences/CDE/workshop:

Name	Department	Place	Date	state	National	International
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar DrShyleshkumar BS DrKalavathi DrRaghavendra Prasad. S DrLalitha N	Clinical excellence-12	Tumkur	26/03/2015	√		

DrShruthi HR						
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar DrKalavathi DrRaghavendra Prasad. S DrLalitha N DrShruthi HR	Clinical excellence-11	Tumkur	18/02/2015	√		
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar DrKalavathi DrRaghavendra Prasad. S DrLalitha N DrShruthi HR	Clinical excellence-10	Tumkur	17/12/2014.	√		
Dr K.R. Kashinat	Clinical excellence-9	Tumkur	17/12/2014.	√		

h Dr Naveen BH Dr N. Ravi Kumar DrKalavathi DrRaghavendra Prasad. S DrLalitha N DrShruthi HR						
Dr K.R. Kashinath Dr Naveen BH DrShylesh Kumar BS Dr N. Ravi Kumar DrKalavathi DrRaghavendra Prasad. S DrLalitha N	42st Indian Prosthodontic Society PROSTHODONTICS	Chandigarh	6th -9th November 2014.		√	
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar	Clinical excellence-8	Tumkur	15/10/2014.	√		

DrKalavathi DrRaghavendra Prasad. S DrLalitha N DrShruthi HR						
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar DrKalavathi DrRaghavendra Prasad. S DrLalitha N DrShruthi HR	Clinical excellence-7	Tumkur	10/09/2014.	√		
Dr N. Ravi Kumar DrRaghavendra Prasad. S	16th IPS PG convention	Vishakapatannam	05/06/2014 to 08/06/2014		√	
Dr K.R. Kashinath Dr Naveen BH DrN. Ravi Kumar DrRaghavend	41st Indian Prosthodontic Society PROSTHODONTICS	Ahmedabad	13th -17th Nov 2013			√

ra Prasad. S						
Dr K.R. Kashinath	15th IPS PG convention PROSTHODONTICS	Ghaziabad	14th – 16th June 2013		√	
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar	Clinical Excellence-6	Tumkur	5thNov 2013	√		
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar	Clinical Excellence-5	Tumkur	23rdoct 2013	√		
Dr K.R. Kashinath Dr Naveen BH DrN. Ravi Kumar DrRashmi BM DR Kalavathi SD DrRaghavend	Clinical Excellence-4	Tumkur	26thsept 2013	√		

ra Prasad. S DrLalitha N						
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar DrRashmi BM DR Kalavathi SD DrRaghavendra Prasad. S DrLalitha N	Clinical Excellence-3	Tumkur	4th sept 2013	√		
DrRaghavendra Prasad. S	Easy and simple confortable dentures a view I to hard and soft relining procedures	Bangalore	7/8/2013	√		
DrRaghavendra Prasad. S	"molecular biology for research in dental sciences opportunities and awareness'	Bangalore	14/06/2013	√		

	ORAL PATHOLOGY					
Dr K.R. Kashinath	Touching new horizons - 15th IPS national PG convention	Ghaziabad	14th, 15th & 16thjune 2013			
Dr K.R. Kashinath Dr Naveen BH DrN. Ravi Kumar DrRashmi BM DrKalavathi SD DrRaghavendra Prasad. S DrLalitha N	Clinical Excellence-2	Tumkur	13th March 2013			
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar DrRashmi BM	Clinical Excellence-1	Tumkur	6thfeb 2013			

DR Kalavathi SD DrRaghavendra Prasad. S DrLalitha N						
DrRashmi BM DrLalitha N	Implantology- The Third Dentition	Bangalore	21/02/2013	√		
Dr N. Ravi Kumar DrRaghavendra Prasad. S	Creating esthetics using contemporary materials and techniques PROSTHODONTICS	Bangalore	21st Feb 2013	√		
Dr N. Ravi Kumar DrRaghavendra Prasad. S DrLalitha N	Perception & Programming of Articulators PROSTHODONTICS	Bangalore	7th Feb 2013	√		
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar DrRaghavendra Prasad. S	40th Indian Prosthodontic Society PROSTHODONTICS	Chennai	5th -9th Dec 2012			√

DrShruthi HR						
Dr K.R. Kashinath	19th ISOI	Bangalore	26th – 28th oct2012		√	
Dr K.R. Kashinath	"Occlusion & TMJ" BANGALORE PROSTHODONTIC FORUM	Bangalore	20/10/2012	√		
DR Kalavathi SD DrRaghavendra Prasad. S DrLalitha N DrShruthi HR	"Genetics and management of infertility" ANATOMY AND GYNECOLOGY	Tumkur	10th august2012	√		
Dr N. Ravi Kumar DrRaghavendra Prasad. S	The Christensen Bottom Line-2012 PROSTHODONTICS	Bangalore	26th June 2012		√	
DrRashmi BM DrRaghavendra Prasad. S	"All ceramic made easy" PROSTHODONTICS	Bangalore	14th – 15th march 2012	√		
Dr N. Ravi Kumar	"Principles of oral rehabilitation	Bangalore	3rd – 4th Feb	√		

DrRaghavendra Prasad. S	" PROSTHODONTICS		2012			
Dr K.R. Kashinath	39th IPS Conference, PROSTHODONTICS	Dubai	2nd – 5th Dec 2011			√
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar DrRashmi BM DrKalavathi SD DrRaghavendra Prasad. S	South Asian Academy of Aesthetic Dentistry PROSTHODONTICS	Bangalore	6th -7th Aug 2011			√
DR Kalavathi SD DrLalitha N	"Approach to trauma"	Tumkur	10/09/2011	√		
DrRaghavendra Prasad. S	"Stress in dental practice an incite" ORAL MEDICINE	Bangalore	23/08/2011	√		
Dr K.R. Kashinath	"Antimicrobials – with knowledge	Tumkur	4/03/2011	√		

	comes responsibility ” PERIODONTICS					
Dr N. Ravi Kumar	Implant Prosthodontics- Practical Consideration IMPLANTOLOGY	Bangalore	27th -28th Jan 2011		√	
Dr K.R. Kashinath Dr Naveen BH DrN. Ravi Kumar	38th IPS Conference, PROSTHODONTICS	Indore	12th -14th Nov 2010		√	
Dr K.R. Kashinath	FDI-IDA CDE	Bangalore	19th – 21st Nov 2010			√
Dr K.R. Kashinath	“Clinical implications of centric relation & neuromuscular dentistry” PROSTHODONTICS	Bhimavaram	3rd & 4th Sept 2010		√	
Dr K.R. Kashinath Dr Naveen	Current concepts and recent advances in fixed	Bangalore	13/08/2010	√		

BH	prosthodontics – part II BANGALORE PROSTHODONTIC FORUM					
Dr K.R. Kashinath DR Kalavathi SD	"CME on Medical genetics research and clinical application" DEPARTMENT OF ANATOMY	Tumkur	30/07/2010	√		
Dr K.R. Kashinath Dr Naveen BH Dr N. Ravi Kumar	Research methodology	Tumkur	28th& 29thjuly 2010	√		
Dr Naveen BH	"The impact of technology on modern endodontic technique" ENDODONTICS	Bangalore	12/05/2010	√		
Dr K.R. Kashinath Dr Naveen BH	Center for Mouthdiseases and orofacial pain CANCER	Tumkur	5/05/ 2010	√		

Dr N. Ravi Kumar DrRashmi BM DR Kalavathi SD DrRaghavendra Prasad. S	RESEARCH CENTER					

Training programs:

Dr Kashinath KR	Bio metrics in dentistry interpretation course & biometric treatment and application course.	Certificate course	Milwaqakee, USA	24/06/2013 to 30/06/2013
Dr Naveen BH	Teachers on training	Certificate course	M.S. Ramaiah dental college, Bangalore	
DrShylesh Kumar	Teachers on training	Certificate course	JSS dental college, Mysore	
DrRaghavendra Prasad. S	BPS in complete denture	Certificate course	Chennai	August to November - 2012

28. Student projects

- Percentage of students who have taken up in house projects including interdepartmental projects

Completed project & Ongoing projects with year and title

Post Graduates and staff

Sl. No.	Name	Title	Period
1	Dr Kashinath K.R Dr Naveen BH Dr. Chethana K DrMythri H Dr Kishore G Bhat	The type of adhesion of two microorganisms on superficial and inner surface of high impact hear cure & flexible denture base resin.- An in-vitro comparative study	Started- 2015
2	Dr Naveen BH Dr Kashinath KR Dr. Mubeen DrMythri H	Effective use of three different mouth wash solution against candida ablicans on a high impact denture base acrylic resin at two different time durations- An In Vitro Study	Started- 2015
3	Dr Ravi Kumar DrRaghavendra Prasad. S DrShruthi	A CBCT evaluation of mandible incisve canal, mental foramen & associated neurovascular bundles for implant placement. An in vivo study.	Started- 2015
4	DrShylesh Kumar BS Dr Ravi Shankar Dr Kashinath KR	Evaluation of passive fit in implant supported prosthesis – in vitro study	Started- 2015
5	DrKalavathi SD Dr Kashinath KR	Evaluation of shear bond strength of ceramics with cast metal & Laser sintered metal copings – An in vitro study	Started- 2015
6	DrRaghavendra Prasad. S Dr N Ravi Kumar	Effacing of three different denture cleansing method on flexible and semi rigid dentures	Started- 2015

7	DrLalitha DrShruthi	A comparative study to evaluate the efficacy of disinfecting the impression by spray method & addition of disinfectant to the irreversible hydrocolloid impression material	Started- 2015
8	DrShruthi DrLalitha	A comparative study to evaluate the efficacy of disinfecting the impression by addition of various disinfectant to the irreversible hydrocolloid impression material	Started- 2015
9	Dr Naveen BH Dr Kashinath K.R DrMythri H Dr Kishore G Bhat Dr	In vitro adherence of microorganisms actinomycesviscosus& streptococcus mutans to flexible denture base resin in comparison with cast metal alloy.	Started- 2015
10	DrRaghavendra Prasad. S Dr Naveen BH Dr Kashinath K.R	Evaluation of patients satisfaction through mastication, esthetics & Phonetics by conventional complete denture & BPS system – A longitudinal study	Started- 2015
11	DrRaghavendra Prasad. S Dr N Ravi Kumar DrShruthi	RRK Parallel Plane:An Innovative Method Of Evaluation Of Orientation Plane With Fox Plane.	Started- 2015
12	DrMubeen Dr Naveen BH	Effective use of three different mouth wash solution against candida ablicans on a high impact denture base acrylic resin at two different time durations- An In Vitro Study	2 years Completed in 2012
13	Dr. UmashreeKotraiah	Efficiency Of three different denture cleansing methods on tea, coffee and pan stain removal from conventional	2 years Completed in 2012

	Dr Kashinath K.R	and high impact polymethyl methacrylate denture base acrylic resin- An In Vitro Study	
14	Dr. Swapnil B Shankargouda Dr Naveen BH	To evaluate the different soft tissue liners, as functional impression materials, by determining its effect on surface roughness on dental stone over a time period- An In Vitro Study	2 years Completed in 2013
15	Dr. Sowmya Dr Ravi kumar N	A KAP Study among dental professionals with the use of denture adhesives	3 years Completed in 2014
16	DrNausheenHajiraDr Naveen BH Dr Kishore G Bhat	A Comparative study to evaluate the effectiveness of disinfection using sodium hypochlorite and microwave energy on ActinomycesViscosis adhered to heta cure denture base resin and cobalt chromium alloy- An In Vitro study	2 years Completed in 2014
17	Dr. Rumiya Aysha Dr Ravi kumar N	A Comparison of dimensional stability of improved irreversible hydrocolloid with Vinyl Polysiloxane Impression material – An In Vitro Study	2 years Completed in 2014
18	Dr. ManoranjanOkram Dr Kashinath K.R DrShylesh Kumar BS	Comparison of the shear bond strength of two different bonding systems on zirconia surface using dual cure resin cement-An In Vitro Study	Ongoing from 2013
19	Dr. Prajakta S Chaudhari Dr Kashinath K.R DrKalavathi	Comparison of the shear bond strength of ceramics between cast metal (co-cr) and direct metal laser sintered alloy (co-cr)" -An In Vitro Study.	Ongoing from 2013

20	Dr. Chethana K Dr Naveen BH	The Effectiveness of two disinfecting agents on various microorganisms adhered to high impact heat cure and flexible denture base resins – An In Vitro Comparative Study	Ongoing from 2014
21	Dr. NileenaChandran Dr Ravi Kumar N	Comparison of dimensional stability of implant impressions with poly vinylsiloxane and polyether impression material using closed and open tray technique- An In Vitro study	Ongoing from 2014

29. Awards /recognitions received at the national and international level by

Sl No	Name of speaker	Topic / Title	Recognitions/ Achievement	Date & Place
	Dr K.R Kashinath	Implantology	Diploma	2003, Manipal
		Live demo of face bow transfer	Guest lecturer	13th March 2013 Tumkur
		Fluid dynamics in Prosthodontics	Guest speaker	5th - 9th Dec 2012 Chennai
		Clinical implications of centric relation & neuromuscular dentistry	Guest lecturer	3rd& 4th 2010 Bhimavaram
	Dr Naveen BH	Pre – conference IPS scientific session	Chairing scientific session	5th Dec 2012, 40th IPS conference , Chennai.
		Causes for failures in fixed	Guest lecturer	13/08/2010 Bangalore

		prosthodontics		
	Dr Ravi kumar DrRaghavendra Prasad. S	3D cast – guided implant placement.	workshop	5-7th June 2014 Visakhapatnam
	Dr Ravi kumar	IPS PG convention	Chairing scientific session	5-7th June 2014 Visakhapatnam
	DrRaghavendra Prasad. S	IPS PG convention	Chairing scientific session	5-7th June 2014 Visakhapatnam
	DrNausheenhajira	Poster presentation - Laboratory to reality road blocks in stem cell regenerated tooth	Second place	7th Nov 2013., M.R. Ambedkar dental college, Bangalore
		E-Poster presentation- Laboratory to reality road blocks in stem cell regenerated tooth	Second place	16th Nov 2013, 41st IPS conference , Ahmedabad, Gujarat.
		Paper presentation – methacrylate can burn your future – a case report	First place - Session best paper	5th Dec 2012, 40th IPS conference , Chennai.

30. Seminars/ conferences/ workshops organized and the source of funding (National/ international) with details of outstanding participants if any.

- CDE On------
- Speakers, year, ------
- Workshop:…

Sr.No.	Name of the event	Year & date	Total number of	Source of

			participant	funding
1	CDE Clinical Excellence-II	13/03/ 2013	128	Delegate registration
2	CDE Clinical Excellence-X "Prosthodontics for healthy bite"	17/12/2014	135	Delegate registration

31. Code of ethics for research followed by departments-

As per institutional ethical committee guidelines IRB (Institutional Review Board) and ICMR

32. Student profile program/course –wise

Name of the program		Total Appeared for exams	Appeared		Passed		Pass percentage
			Male	Female	Male	female	
BDS(Bachelor of dental surgery)	July 2012	06	02	04	02	04	100%
	Feb 2013	01		01	-	01	100%
	July 2013	26	06	20	06	19	96%
	Jan 2014	07	02	05	02	05	100%
	Aug 2014	35	15	20	10	20	88%
	Jan 2015	14	09	05	04	02	43%
MDS Prosthodontics	2010-13	2	1	1	1	1	100%
	2011 -14	1	1	-	1	-	100%
	2012-15	2	0	2	-	2	100%

33. Diversity of students

Name of the program/course	% of students from the same university	% of students from other universities within	% of students from other universities outside	% of students from other countries

			state	the state	
MDS Prosthodontics	2010	Nil	2	-	-
	2011	Nil	2	-	-
	2012	Nil	1	1	-
	2013	Nil	1	1	-
	2014	Nil	1	1	-
	2015	Nil			

34. How many students have cleared Civil services and defense services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELT San other competitive examinations ? give details category –wise - None

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D. to Post – Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	NA
Entrepreneurship/self-employment	

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	Nil
From other universities within the state	100%
From universities from other states	Nil
From universities outside the country	Nil

37. Number of faculty who were awaredM.phil, DM, PhD.,D.Sc and D.Litt. during the assessment period---None

38. Present details of departmental infrastructural facilities with regard to

a) **Library contains :**

- Text books: 58
- Seminars
- Library dissertations:
- Main dissertations:
- CDs & DVDs

b) **Internet facilities for staff and students:**

- Wi-fi and cable connection for all staff and students working rooms

c) Total number of class rooms: 1 seminar room

d) Class rooms with ICT facilits:----1 seminar room

e) Students laboratories -----Preclinical lab, Dental material lab, Phantom head lab and Clinical Lab for both UG & PG and Ceramic lab & Casting Lab (10 Laboratories)

f) Research laboratories –None

39. List of doctoral, post doctoral students and research associates

a) From the host institution/ university -Nil

b) From other institution/ university----Nil

40. Number of post graduate student getting financial assistance from university.---- None

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. – None.

42. Does the department obtain feedback from

j. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

k. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

l. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed **43. List of the distinguished alumni of the department (maximum 10):**

NA

44. Give details of student enrichment programs (special lectures/ workshops/ seminar) involving external experts.-

Sr.	Name of the program	Date	Special lectures/workshop/seminar	Experts
1	Live demo of face bow transfer	13/03/2013	Lecture/live demo	Dr Kashinath KR
2	Diagnostic Tools In Oro facial Pain/TMD's – LIVE DEMONSTRATION	17/12/ 2014.	Work shop	DrPrafullaTumati
3	HANDS ON PART (MOVE YOUR HANDS): Class IV – EsteliteAplha, Sigma Quick & Flow Quick (Tokkuyama Dental)	17/12/ 2014.	Work shop	Dr C N Shastry
4	Articulators		Lecture/live demo	Dr Kashinath KR
5	Sterilization in clinical set up		Lecture	Dr Naveen Bh
6	Shade selection in		Lecture	Dr Ravi kumar

	prosthodontics			

45. List the teaching methods adopted by the faculty for different programs including,

Undergraduates

- Case Analysis,
- Theory Classes,
- One To One Teaching Methodology.
- Chair Side Teaching
- Video Demonstration
- Group Discussion
- Live demonstration on patients.

Assessment for slow learners:

- Use Of Digital Display For Theory Classes
- One To One Teaching Methodology
- Demonstrations On Patients
- Discussion In Clinics
- Demonstration On Models

Post graduates

- Microteaching method
- Seminars
- Case discussion
- Interdepartmental group discussion
- Journal club
- One To One Teaching Methodology.
- Chair Side Teaching
- Video Demonstration

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? :

- Conducting three Internal Assessments
- Conducting monthly class tests
- Posting end exams in clinics.
- Internal assessment for post graduates

47. Highlight the participation of students and faculty in extension activities.

- Camp
- Quiz
- Essay
- Conferences
- Poster presentation
- Sports & cultures

48. Give details of "beyond syllabus scholarly activities" of the department.

Motivating undergraduates/post graduates for scientific paper presentations, poster presentation & table clinic in national convention/conferences

49. State whether the program /department is accredited /graded by other agencies? If yes give details.

None

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- - Workshop during conferences

- Exclusive training programme in implants and maxillofacial prosthodontics for post graduates.

51. Detail 5 major strengths, weaknesses, opportunities and challenges (SWOC) of the department

Strength	Weaknesses	Opportunities	Challenges
The department having highly skilled, Co-operative & dedicated staff members along with collective achievements in speciality events. The department conducting Enrichment courses, seminars, journal clubs for the students regularly. Meticulously following the time table. Department is providing the mentor	The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is	Improve patients' inflow through care and concern. The department can start advanced certificate courses in various branches of prosthodontics like , • Dental	Developing well organized and competitive department with precise laboratory procedures, treating more challenging cases to the changing

ship to the Students.Feedback system obtaining from the students continuously. Department is having good infrastructure, with 31 dental chairs with sophisticated dental equipment's and departmental library apart from central library. Many of the faculty have their publications, and also invited as guest speakers at national and internationalconferences and other academic institutions. They have done unbiased systemic evaluation & peer reviewed for many journals and also include Innovative teaching methods	referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.	technician course • Implant training centre Part time PhD for faculties.	need's of the present trends.

52. Future plans of the department

	2015-16	2016-17	2017-18	2018-19	2018-19
Courses	CDE program mesand enrichment academic	Lab technician in Prosthodontics	PG diploma in Aesthetics dentistry	CDE in Implantology PG diploma courses in	Certificate courses on Gnathology

	courses for general practitioners.			Implantology	
TLE	Architecture of lab to be corrected with channel music and sufficient ventilation will improve treatment efficiency, reduces stress and strain on students' health and enable concentration while working.	Assessment and evaluation of the teaching pattern based on the student's feedback.	Wi Fi connection in seminar hall	Problem based learning and Case based learning	Expanding the existing department museum with Maxillofacial, Implants and CAD CAM models.
Administrati	To recognize	To take	To start a	*Safety*	To train PGs

on	aresourse person in dental TECHNICIAN training programme	initiative to start special TRAINING for PGs to handle	separate Dental implant and CAD-CAM section	*measures:* Scrubs, More hygienic & safe. Ideal protocol to be followed is to wear scrubs with exclusive department shoes for all staff and students.	in advanced in Gnathology
Research/ Extention	RVG for implant clinic and Composite curing unit,	SLR camera in the department	Thumb scanner and printer.	BPS system, unit for Injection moulding technique	Separate section for Reaearch in the department
Infrastructure And services	Cubicals and working area for each PG student.	Podium, acoustics and air condition in the seminar	Reception unit with advanced technolo	Department needs to be managed into the following: Fixed	Department needs to be divided into the following:

		hall	gy and trained receptionist to keep patient records.	Prosthodontics& Removable Prosthodontics separately.	Implant Prosthodontics, Gerodontology In Prosthodontics & Occlusion
Innovation	Online update of student's report	Online update of student's feedback forms			
Collaborations Linkages	Linkage with IDA	Linkage with IPS	Linkage with Asian academy of prosthodontics	Linkage withDentcare dental Lab	Linkage with Germany for advanced Ceramic courses.

EVALUATIVE REPORT OF PEDODONTICS AND PREVENTIVE DENTISTRY

1. **Name of the Department** : **Department of Pedodontics and Preventive Dentistry**
2. **Year of establishment** : **1992**
3. **Is the Department part of a college / Faculty of the university?**

   Yes, the department is part of a college/ Faculty of the university
4. **Names of the programmes offered (UG, PG, Pharm D, Integrated Masters; MPhil., Phd., Integrated Phd., Certificate, Diploma, PG Diploma, D.M./M .Ch., super specialty fellowship, etc.)**

   UG – BDS

   PG – MDS
5. **Interdisciplinary programs and departments involved**

- **Inter Departmental Meets** are conducted to discuss the cases, new techniques, new devices and new materials, wherever multidisciplinary approach is required with other departments like

  Department of oral medicine, diagnosis and radiology

  Department of conservative and endodontics

  Department of Periodontics

  Department of Orthodontics

  Department of oral surgery

  Department of Oral Pathology
- Cases with special health care needs requiring multi disciplinary approach for consultation, diagnosis and treatment planning.
- Cases with endo perio problems.
- Cases with orthodontic interventions (Interceptive Orthodontics, interceptive orthodontics).
- Cases requiring diagnosis of benign cysts and tumors and advanced radiographic interpretations.
- Surgically excised biopsy specimens requiring histological interpretations.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

NIL

7. **Details of programs discontinued, if any, with reasons**.

   NIL

8. **Examination system: Annual/Semester/Trimester/Choice Based credit system**

Annual system of examination

9. Participation of the department in the courses offered by other departments

NIL

10. **Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Assistant Professors/ others)**

	sanctioned	Filled	Actual
Professor	As per DCI	02	02
Associate Prof/Reader	As per DCI	02	02
Assistant Professor	As per DCI	02	02

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	Experience
Dr Nagalakshmi Chowdhary	MDS	Prof. & Head	Pediatric & Preventive Dentistry	13 yrs & 7 months
Dr Mukunda K S	MDS	Professor	Pediatric & Preventive Dentistry	12 yrs & 2 months
Dr Kiran N K	MDS	Reader	Pediatric & Preventive Dentistry	8 yrs & 5 months
Dr Chaitan S M	MDS	Reader	Pediatric & Preventive Dentistry	8 yrs & 4 months
Dr Kavyarani B S	MDS	Assistant Prof.	Pediatric & Preventive Dentistry	11 months

Dr Zeenath Ambareen	**MDS**	**Assistant Prof.**	**Pediatric & Preventive Dentistry**	**10 months**

12. List of senior visiting fellows, adjunct faculty, emeritus professors

NIL

13. Percentage of classes taken by temporary faculty – program-wise information

NIL

14. Program-wise student teacher ratio

Faculty / students instructional ratios for **Pre Clinical Sessions –**

Faculty / students instructional ratios for **Clinical Sessions –**

15. Number of academic support staff (Technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	**Filled**	**Actual (Including CAS & MPS)**
Academic support staff			
Administrative staff		**02- attenders**	**02 Attenders**

16. Research thrust areas as recognized by major funding agencies

NIL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) total grants received. Give the names of funding agencies, project title and grants received project-wise.

List of ongoing projects	2014-2015	02	Dr.Calvin Clinical comparision of pain perception & behavior in children using conventional vibrajet injection techniques Dr.Mahalakshmi A

			Clinical evaluation of posterior composite & posterior glass ionomer restorations in primary molars
	2013-2014	02	Dr.Unni Mohan Clinical & radiographic evaluation of pulpotomy employing Biodentine,mta & formocresol in primary teeth Dr.Fehan Evaluation Of EZ,a new bondable space maintainer & its comparision with the conventional band & loop space maintainer-An invivo study

18. Inter-institutional collaborative projects and associated grants received

a) **National collaboration b) International collaboration.**

NIL

19. Departmental projects funded by ICMR; DST – FIST; UGC-SAP/CAS, DPE;DBT, ICSSR,AICTE,etc.;total grants received.

NIL

20. Research facility/centre with

- State recognition
- National recognition
- International recognition

21. Special research laboratories sponsored by/ created by industry or corporate bodies

22. Publications

- Number of papers published in peer reviewed journals (national/international)

  National publications: 16

  International Publications: 01

- Monographs
- Chapters in books
- Books edited
- Books with ISBN with details of publishers
- Number listed in international database (for e.g.: web of science, scopus, humanities international complete, Dare Database - international social sciences directory, EBESCO host, Medline etc.,)
- Citation Index – range / average

International publication	2014-2015		
	2013-2014		
	2012-2013		
	2011-2012		
	2010-2011	01	Dr.Nagalakshmi Chowdhary Re-osseointegration of loosened implant in a splinted fixed prosthesis . Nigerian journal clinical practice. Jan-mar, 2011(14)102-105
National publication	2014-2015	01	Dr.Nagalashmi Chowdhary, Dr.Mukunda K.S, Dr.Kiran N.K, Dr.KavyaRani B.S Retention of resin based filled and unfilled pit and fissure sealants: A comparative clinical study. 2015(6)5 18-23.
	2013-2014	05	Dr.Nagalashmi Chowdhary, Dr.Mukunda K.S, Dr.Kiran N.K 1.Endodontic tragedy- retrieval of unusual foreign body- a case report. IOSR Journal of dental and medical sciences 2014(13) 10:73-75. Dr.Nagalashmi Chowdhary, Dr.Mukunda K.S,

			Dr.Kiran N.K, Dr.KavyaRani B.S 2.Early detection of congenital syphilis . journal of indian society of pedodontics and preventive dentistry, 2014(32)4;333-337. 3.Knowledge of first aid measures of Avulsion and Replantation of teeth in parents from Tumkur district: A Survey. Indian journal of Contemporary Dentistry, 2014, July-Dec (2)2;41-45. Dr,Zeenath Ambareen 4.Go Green keep the root canal clean. International Journal of Dental sciences and Research 2014, 2(6B), 21-25. 5.Dental complications of Intubation in pediatric patients and its management International Journal of Dental sciences and Research 2014, 2(6B), 09-11.
	2012-2013	01	Dr.Nagalakshmi Chowdhary Dental implants in growing children – a review. Journal of ind soc of pedod prev Dent 2013 Jan –Mar ,(31)1;3-9.
	2011-2012	01	Dr.Kiran N.K, Dr.Mukunda K.S Nevoid basal cell carcinoma syndrome- a case report. Contemp clinical Dent 2012; 3:514-518.
	2010-2011	08	Dr.Nagalakshmi Chowdhary 1.Dentin comparison in primary and permanent molars under transmitted and polarized light microscopy: an in vivo study. Journal of ind soc of pedodont, jul-sept. 2010, 167-

			172. 2.An unusual sucking habit in a child. Contemp clin dent 2010 (1)249-250. 3.Need of implant dentistry at undergraduate dental curriculam in Indian dental college. Indian journal of dental research.2011, 22(3);436-439. Dr.Kiran N.K, Dr.Mukunda K.S 4.Platelet concentrates: a promising innovation in dentistry. Journal of dental sciences and research 2011, Feb., (2)1;50-61. 5.Non syndromic unilateral dentigerous cyst in a 4 year old child – a rare case report.Contemp clin dent 2011(2) 398-401. Dr.Kiran N.K 6.Chronic dental infection of unknown origin: A case Report. Clinical Dentistry 2011, july;(5)7:77-79. 7.“A Tooth for a Tooth”- An Insight into whole tooth regeneration. Clinical Dentistry2011, Aug;(5)8:67-72. Dr.Chaitan S.M 8.Management of palatal fistula with anteriorly based tongue flap – A case Report. journal of stomatology 2011;2(1); 49-52

Faculty	**Citations**	**No. of Publications**	**Avg.**	**Range**	**Department Avg.**
Dr Nagalakshmi Chowdhary	23	09	2.5	0 – 2.5	0.54
Dr Mukunda K S	0	07	0		
Dr Kiran N K	02	09	0.2		
Dr Chaitan S M	0	01	0		

Dr Kavya rani B S	0	03	0		
Dr Zeenath Ambareen	0	02	0		

- SNIP
- SJR
- Impact Factor – range/average
- H-index

Name	H- index
Dr Nagalakshmi Chowdhary	03
Dr Mukunda K S	-
Dr Kiran N K	01
Dr Chaitan S M	-
Dr Kavyarani B S	-
Dr Zeenath Ambareen	-

23. Details of Patents and income generated

NIL

24. Areas of consultancy and income generated

NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

Dr Nagalakshmi Chowdhary has been appointed by Dental Council of India (DCI) as Inspector to evaluate UG and PG programmes at various dental colleges in India.

26. Faculty serving in a)National committees b) International committees c) Editorial Boards d)any other (specify)

d) Any other (specify):

- Dr. Nagalakshmi Chowdhary

- Member Dental Council of India
- EC Member Indian society of Pedodontics and Preventive Dentistry
- Member Board of studies Undergraduate curriculum, JSS University, Mysore
- Member, Oral Health Policy, Govt. of Karnataka

- Dr Kiran N K

- Reviewer for Journal of oral Health Sciences and Research

Guest Lectures:

PG Synopsis and Thesis Reviewer for RGUHS and Other Universities:

- Dr Nagalakshmi Chowdhary
- Dr Mukunda K S

27. Faculty recharging strategies (Refresher / Orientation programs, workshops, training programs and similar programs)

28. Student Projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

UG Research: NIL

PG Research:- Virtually 100% of Post graduates participate in research undertaken

- Treatment of pulpally involved primary teeth using 3 mix & Vitapex – A comparative study – Dr Nagalakshmi Chowdhary , Dr shwetha Rao
- Retention of resin based filled and unfilled pit and fissure sealants : A Comparative Clinical study. Dr Nagalakshmi Chowdhary, Dr RajaShekhar Reddy.
- Clinical evaluation of PapaCarie A new chemo-mechanical caries removal agent with conventional method of caries removal. Dr Mukunda k s, Dr Kavyarani B S
- Evaluation of microleakage and marginal ridge fracture resistance of primary molars restored with three restorative materials – a comparative in vitro study
  Dr Nagalakshmi Chowdhary, Dr Tappan S Yeolekar
- Oral health status of five years and twelve years old school going children in Tumkur City and Awareness of oral health practice among them . Dr Nagalakshmi Chowdhary, Dr prabhavathi H B
- Comparison of Instrumentation time, obtuaration time and quality of root canal filling between rotary and manual instrumentation technique in primary teeth- A clinical study.Dr Kiran N K, Dr adnan ahmed

Projects in Progress:

- Clinical and Radiographic evaluation of pulpotomies employing Biodentine, MTA and Formacresol in Primary teeth
  Dr Unni Mohan, Dr Kiran NK
- Evaluation of 'EZ' A new bondable spacemaintainer and its comparison with conventional band and loop spacemaintainer – An in vivo study. Dr Faihan , Dr Mukunda KS
- Clinical evaluation of Posterior composite and posterior GIC Restorations in Primary Molars. Dr Mahalakshmi, Dr Nagalakshmi Chowdhary

- A clinical comparison of Pain perception and behavior in children using conventional and Vibraject injection techniques. Dr Calvin, Dr Mukunda KS.

29. Awards/recognition received at the national and international level by

- Faculty
- Doctoral / Post doctoral fellows
- **Students**

- Post graduate Dr Shwetha Rao secured first prize for Paper presentation in FDI-IDA CDE 2010, 38th Karnataka state dental conference 19-21 November 2010.
- Post graduate Dr Kavyarani BS secured gold medal in MDS examination 2014 held by SAHE University.

Awards	2014-2015		
	2013-2014		
	2012-2013		
	2011-2012	01	Awarded the best teacher award for the year 2011-2012 in S.Nijalingappa institute of dental sciences and research , Gulbarga
	2010-2011	01	Awarded the best teacher award for the year 2010-2011 in S.Nijalingappa institute of dental sciences and research , Gulbarga.

30. Seminars/ conferences/workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- **Organized 12th PG convention of Indian Society of Pedodontics and Preventive Dentistry**, Feb 27th-28th 2014
- **Conducted workshops**

- Workshop on Basic Implantology, By Dr Ramesh Chowdhary & Dr Srinivas Rao

- Workshop on Lasers in Pediatric Dentistry by Dr Sarvana Kumar & Dr Iqbal Musani
- Workshop on Fabrication of Mouth Guards by Dr Ravinder Puppala & Dr srinivas Kethineni
- Workshop on Esthetic Dentistry by Dr Deepak Mehta
- Workshop on Pedodontic practice management by Dr Ashwin Jawdekar

31. Code of ethics for research followed by the department

- All the research projects undertaken in the department are approved by the Institutional Ethical Committee

32. Student profile program – wise:

Name of the Program me (Refer to Question no. 4)	Year	Applications Received	Selected	Year	Pass Percentage
BDS					
MDS					

33. Diversity of Students

Name of the Programme	% of students from the	% of students from other	% of students from	% of students from other

(Refer to Question no. 4)	same university	universities within the state	universities outside the state	countries

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTSand other competitive examinations? Give Details Category-wise.

NIL

35. Student Progression

Student progression	**Percentage against enrolled**
UG to PG	
PG to M Phil, DM/M Ch/ DNB	
PG to Phd	
Phd to Post Doctoral	
Employed - Campus selection - Other than campus recruitment	
Entrepreneurs	

36. Diversity of Staff

Percentage of faculty who are graduates	
Of the same university	1 out of 6
From other universities within the state	4 out of 6
From universities of other states	1 out of 6
From universities outside the country	NIL

37. Number of faculty who were awarded M Phil., DM, MCh, Phd, D Sc, and DLitt. During the assessment period

NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library

Facility of Departmental Library present

b) Internet facility for staff and students present

Internet facility for staff and student Present

c) Total Number of class rooms

Departmental Seminar Room – 01

d) Class rooms with ICT Facility and 'smart' class rooms

e) Students' laboratories

Pediatric dentistry facilitates laboratory for UG and PG students

f) Research Laboratories

39. List of Doctoral, post doctoral students and research associates

a) **From the host institution/ university** – NIL

b) **From other institutions/ university** - NIL

40. Number of post graduate students getting financial assistance from the university

NIL

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

m. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

n. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

42. List the distinguished alumni of the department (Max 10)

- Dr Shwetha Rao obtained best paper presentation award at FDI-IDA, 38th Karnataka state dental conference 19-21 NOV 2010
- Dr Kavyarani BS Secured gold medal in MDS examination conducted by SAHE university

43. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

44. list the teaching methods adopted by the faculty for different programmes including clinical teaching

a. Theory

b. Practical

CLINICAL DEMONSTRATIONS FOR III YEAR BDS:

- working of dental chair and operator positions
- disinfection and preparing the operating chair
- extraction instruments and forceps
- cavity preparation and materials
- mixing of cements
- oral prophylaxis

CLINICAL DISCUSSION TOPICS FOR III BDS

- introduction to pedodontics and basic instructions
- tooth numbering
- chair positions
- case history
- steriization
- difference between permanent and primary teeth

- chronology of primary / permanent teeth
- local anaesthesia
- exodontia
- principles of cavity preparation in deciduous teeth
- isolation of teeth
- bases, linersand varnishes
- restorative materials used in pediatric dentistry
- radiographic interpretations
- early childhood caries
- diseases of pulp and sequelae of caries
- basics of fluoride in dentistry

Power point presentations

CLINICAL DEMONSTRATIONS FOR IV YEAR BDS:

- topical fluoride application
- class II cavity preparation, matrix band application
- Pulp therapy Procedures
- Stainless steel crown preparation
- Rubber dam and isolation techniques
- Fabrication of the space maintainers
- Extraction Procedures
- Spotters

CLINICAL DISCUSSIONS FOR IV YEAR BDS

- Space maintainers case history
- revision of III Year topics
- early childhood caries
- pulp therapy
- topical fluorides
- systemic fluorides
- Management of traumatic injuries
- Oral habits
- Child psychology
- Behavior management

- Management of special children

FOR MDS

- Seminars / Journal Discussions
- Case based learning

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Evaluation by internal assessments, improvement examinations, viva-voce, competency assessments, clinical posting examinations

47. Highlight the participation of students and faculty in extension activities.

48. Give details of "beyond syllabus scholarly activities" of the department.

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

51. Detail five major strengths, weaknesses, opportunities and challenges (SWOC) of the department.

Strengths:

- Data / Patient OPD enables adequate clinical exposure to variety of treatment procedures
- Adequate patient input from siddaganga mutt
- Department is major referral center.
- Infrastructure
- Staff coordination
- Resourceful library
- Recent advances in teaching used, as LCD
- Meticulous time table is followed in the department
- Researches keep undergoing in the department by the MDS staff & postgraduate students **regularly**
- Full emphasis is given to maintain the daily basic needs, integrity & smooth running of the department

- Satisfying the dental needs of underprivileged is ultimate goal of the department & faculty

Weakness :

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities:

- Knowledge enhancement
- Improving clinical skills
- Enrichment of advanced techniques
- Increase number of post graduate students
- Regularly attending & conducting educational programmes

Challenges:

Caries free child in the region Creating awareness about child oral health care in the community

52. Future plans of the department

PLAN OF ACTION FOR THE DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY 2015-2020

	2015-16	2016-17	2017-18	2018-19	2019-20
COURSES	To experise postgraduates in Rotary endodontics in primary teeth	To expertise postgraduates in fixed & myofunctional appliances.	To enrol staff in Phd programmes	To increase MDS seats from 2-3	To start a diploma course in Preventive & interceptive orthodontics

TLE	To conduct special classes for slow learners, To Train repeaters and students for viva-voce and practical exam To train interns for entrance exams	Problem based learning, Faculty development	Teacher training program	To conduct National PG conference	To conduct a national level UG convention on latest advances in pediatric dentistry
ADMINISTRATION			To create resource person in dental education training progra	To train PGs in fabricating obturators for cleft lip & palat	

			mme	e patients by well resourced person	
INFRASTRUCTURE AND SERVICES	To establish a separate prenatal counseling room & play room	To establish laboratory to fabricate appliances to prevent traumatic injuries (sports dentistry)	To establish audio-visual aids while treating the patients	To establish an conscious sedation unit room	To establish Minor O.T
INNOVATION	To conduct exhibition to the general public using models to create awareness about	To create awareness among general public about the ill effects of feeding practices	To conduct regular camps to provide caries free mouth for childre	To establish a separate center in diagnosis of pedia	To establish a separate O.T to treat children are treated under general

	the oral health of child	through our own Radio station- Radio Siddhartha (radio)	n	tric Oral lesions	anaesthesia
COLLABORATIONS/ LINKAGES	Collaborate with the Sri Siddhartha Medical college Pediatrics department for case discussions	Collaborate with near by schools & educating teachers regarding oral health of the children	To start teachers training program on traumatic injuries	To start a linkage with special childrens schools & providing them complete oral health	To collaborate with primary health care center to reach & treat childrens

EVALUATIVE REPORT OF
PUBLIC HEALTH DENTISTRY

1. **Name Of The Department: Department of Public Health Dentistry**
2. **Year Of Establishment**: **1992**
3. **Is the department part of a college/faculty of the university? Yes**
4. **Names of programs offered (UG,PG): BDS**
5. **Interdisciplinary programs and departments involved**

Research**:** Our department is involved with other departments of Sri Siddhartha Dental College and Hospital in research activities.

Inter Departmental Meet (IDM): Staff and students are encouraged to present research findings at IDMs to share and upgrade the knowledge.

Faculty:

Dr. Bharateesh JV:

Lecturers

- Dr. Bharateesh JV delivered a lecture on " Epidemiology of oral cancer and pre cancer in Tumkur District" on 04/09/2013 at CDE - Clinical Excellence III Department Oral Medicine, Sri Siddhartha Dental College, Tumkur on 4/09/2013
- Dr. Bharateesh JV delivered a lecture on " Hypothesis" on 11/10/2013 at Orientation programme on " How to write synopsis of dissertation", Sri Siddhartha Dental College, Tumkur

Presentations at IDMs:

- Root caries prevalence in older individuals attending the rural health centre of Sri Siddhartha Dental College, Tumkur on 15/01/2009
- Factors affecting patient satisfaction among those attending an outpatient department of a dental college in Tumkur city – A survey on 31/3/2010
- Prevalence and reasons for tooth mortality – A hospital based study on

Dr. Mythri H:

Presentations at IDMs:

- Effect of four fruit juices on plaque pH: a four period cross over study on 20/10/2010
- Current public health perspective of Fluorosis Mitigation Project in Pavagada Taluk, Karnataka on 14/03/2012

Dr. Darshana Bennadi:

Presentation at IDMs:

- Oral Health status of 3-6year old children and their mother's oral health related knowledge, attitude and practices in Mysore City, India on 22/03/2011

Courses in collaboration with other universities, industries, foreign institutions, etc. ---- Yes, BDS course is recognised by Malaysian Dental Council.

6. **Details of programs discontinued, if any, with reasons** -----None
7. **Examination system: Annual/Semester/Trimester/Choice Based Credit System**- Annual examination conducted by SSAHE University
8. **Participation of the department in the courses offered by other departments-**

- Course on face bow transfer - Clinical Excellence I, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 6/2/2013
- Hands on course on Rotary instruments - Clinical Excellence II Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 13/3/2013
- Different impression techniques for dental implants - Clinical Excellence -VIII - Gateway to Dental Implants, Department of Oral and Maxillofacial Surgery at Sri Siddhartha Dental College, Tumkur on 15/10/2014
- T-scan - Clinical Excellence-X - Prosthodontics for Healthy Bite, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 17/12/2014
- Basic Life support courses are conducted every year by department of Oral and Maxillofacial Surgery

9. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professor/ Asst. Professor /others)**

	Sanctioned	**Filled**	**Actual (Including CAS & MPS)**
Professor	As per DCI	1	
Associate Professor/ Reader	As per DCI	2	
Asst. Professor/ Senior Lecturer	As per DCI	-	
Tutor	As per DCI	1	

10. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. Of Year Of Experience
Dr. Bharateesh JV	MDS	Professor	Public Health Dentistry	14 yrs 6 months
Dr. Mythri H	MDS	Reader	Public Health Dentistry	5yrs
Dr. Darshana Bennadi	MDS	Reader	Public Health Dentistry	5yrs
Dr. Mohankumar CT	BDS	Tutor		12yrs

11. list of the senior visiting Fellows, adjunct faculty, emeritus professor- None

12. percentage of classes taken by temporary faculty- program-wise information- None

13. Program-wise Student Teacher Ratio:8:1

14. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

As per DCI, 1support staff and 1 administrative staff

Number of technical staff	nil
Administrative staff	One support staff

15. Research thrust areas as recognized by major funding agencies:

Department's driving force is epidemiological surveys/ studies

16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project –wise

List of ongoing projects	2014-2015	5	• Project on " impact of gutkha ban on perceptions, practices in self reported tobacco consumers among migrant workers in Tumkur city,

			Karnataka". • Project on " oral health status & its impacts on daily performance among college students, Tumkur city.". • Project on "Psychological factors influencing initiation and cessation of tobacco habit among university students of Tumkur city". • Project on "Oral health of Anganwadi children in Tumkur city – A field study" • Project on **"**Oral Health Attitudes And Behaviours Among Health Care Students In Tumkur, India**"**
	2013-2014	3	• A project on "Perception and practice regarding infection control measures among healthcare workers in a tertiary centre". • A project on "Assessing learning preferences of dental students using visual, auditory, reading-writting and kinesthetic questionnaire". • A project on "Nosocomial infections in Patients Admitted in Intensive Care Unit of a Tertiary Health".
	2012-2013	1	• A project on "Self Medication

			Profile among Dental Students, Tumkur, India".
	2011-2012	3	• A project on "Dental negligence among visually impaired children - A call for attention". • A project on "Diabetes and Oral Health: A Case-Control Study". • A project on "Self Medication Profile among Dental patients, Tumkur, India".
	2010-2011	4	• A project on "Factors affecting patient satisfaction among those attending an outpatient department of a dental college in Tumkur city – A survey" • A project on "Prevalence and reasons for tooth mortality – A hospital based study" • A project on "Current public health perspective of Fluorosis Mitigation Project in Pavagada Taluk" • A project on "Self reported knowledge and practice of inter dental aids among group of dental students, Tumkur, India"

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration---

a) National collaboration

- A project on "Oral health status and treatment needs of Todas -Aboriginals in Nilgiris (An epidemiological study)" in collaboration with Department of Public health dentistry, JSS Dental College and Hospital, Mysore.-2012
- A project on "Diabetes and Oral Health: A Case-Control Study" in collaboration with Department of Community Medicine, Mysore medical College and Research Institute, Mysore in 2012
- A project on "Current public health perspective of Fluorosis Mitigation Project in Pavagada Taluk" in association with Department of Chemical engineering, Siddaganga Institution of Technology, 2012
- A project on "Self Medication Profile Among Dental Students, Tumkur, India" in collaboration with Department of Public health dentistry, Regional Institute of Medical sciences, Dental College, Lamphelpat, Imphal, West Manipur, India in 2013
- A project on "Nosocomial infections in Patients Admitted in Intensive Care Unit of a Tertiary Health Center, India" in collaboration with National Institute of Health & Family Welfare, New Delhi. 2014
- A project on "Prevalence & comparison of cigarette smoking habits among health care professionals" in collaboration with department of Public Health dentistry, Sri Hasanamba Dental College, Hasan in 2014.
- A project on "Parental knowledge of preventive dentistry procedures & its utilization" in collaboration with department of Public Health dentistry, Sri Hasanamba Dental College, Hasan in 2014.
- A project on "Self reported knowledge and practice of inter dental aids among group of dental students, Tumkur, India" in collaboration with Department of Public health dentistry, Regional Institute of Medical sciences, Dental College, Lamphelpat, Imphal, West Manipur, India - 2014
- A project on "Oral health related knowledge, attitude, and practice among the pre-university students of Mysore city" in collaboration with Department of dentistry, General hospital, Molkalamuru, Chitradurga District, Karnataka in 2014
- A project on "Prevalence of Hepatitis B Vaccination among Oral Health Care Personnel in Mysore City, India" in collaboration with Department of dentistry, General hospital, Molkalamuru, Chitradurga District, Karnataka in 2014

- A project on "Perception and practice regarding infection control measures among healthcare workers in a tertiary centre" collaboration with National Institute of Health & Family Welfare, New Delhi. 2015.
- A project on "Clinical study to assess the Effectiveness of CPP-ACP (Casein Phosphopeptide- Amorphous calcium phosphate) versus Potassium-nitrate (KNO3) on cervical dentine hypersensitivity" in collaboration with Department of Public Health Dentistry, Navodaya Dental College, Raichur in 2015

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received— None

20. Research facility /center with

- **State recognition**- None
- **National recognition**- None
- **International recognition**- None

21. Special research laboratories sponsored by /created by industry or corporate bodies –None

22. Publications:

- Number of papers published in peer reviewed journals (national/ International): **77**
- Monographs –**2**
- Chapters in Books- None
- Books edited –**None**
- Books with ISBN with details of publishers: **None**
- Number listed in International database (for e.g. Web of science, Scopus, humanities international complete, dare database- international social sciences directory, EBSCO host, Medline, etc.): **77**
- Citation index range/ average:

Faculty	No. of citation	Total no. of publications	Citation index	Dept average
Dr. Bharateesh JV	0	11		
Dr. Mythri H	10	33		
Dr. Darshana Bennadi	1	32		
Dr. Mohan kumar CT	0	1		

- SNIP
- SJR
- Impact factor- range/average:
- h-index : Department h index = 2

Sl. No	Name	h index
1	Dr. Bharateesh JV	0
2	Dr. Mythri H	1
3	Dr. Darshana Bennadi	1
4	Dr. Mohan kumar CT	0

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9. Mythri H, Kashinath KR, Bharateesh JV. Hepatitis C & dentistry in a nutshell. RJPBCS. 2014; 5(3):1146-50

10. Mythri Halappa, Jayanna Vinayak Bharateesh, Korapathi Ramanandagupta Kashinath. Situational Analysis of Dental Health Workforce in India; Need for attention. Dent Hypo. 2014;5(4):162-3.
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17. Mythri H., Anand S.R., Chandu G.N. A journey of thousand miles begins with a single step" – An adage for Incremental Dental Care. Indian Journal of Dental Science. 2012;4(2):90-92
18. Anand S.Raju., Mythri Hirehal., Prashant G.Manjunath.,V.V.Subba Reddy, Chandu G.N. The Acidogenic Potential of Different Milk Formulas on Dental Plaque pH.Oral Health Prev Dent. 2012;10:225-30.
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51. Darshana Bennadi, Nandita Kshetrimayum, Mythri H. Self Medication Profile among Dental Students, Tumkur, India. Asian J Pharm Clin Res.2013;6(4):210-12
52. Darshana Bennadi, Reddy CVK. Oral health related quality of life. Int Soc Prevent Communit Dent.2013;3(1):1-6
53. Darshana Bennadi, Reddy CVK. Sunitha S. Global warming: Let's stop it!!!Before it becomes too hot to handle!!!Dental Poster Journal. 2013;2(5):3
54. Darshana Bennadi, Garima S, Reddy CVK. Sunitha S. Biofilm in dental unit waterlines: Defusing the myths, defining the solutions. Dental Poster Journal. 2013;2(5):2
55. Bennadi D, Halappa M, Kshetrimayum N. Self reported knowledge and practice of inter dental aids among group of dental students, Tumkur, India. J Interdiscip Dentistry 2013;3: 159-62.
56. Darshana Bennadi. Pedagogy to Andragogy. Int J Med Res Health Sci. 2014;3(1): 171
57. Darshana Bennadi, Garima S, Sunitha S, Reddy CVK. Knowledge and Practices towards Health and Environment among the Teaching Staff of JSS Medical Institutions, Mysore, Karnataka, India. Research and Reviews: Journal of Dental Sciences. 2014;2(1):92-6

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59. Bennadi D. Self medication – A current challenge. J Basic Clin Pharma. 2014;5:19-23.
60. Darshana Bennadi. Antimicrobial Stewardship – An Alarming Call In Dentistry. Int J Pharm Pharm Sci. 2014;6 (2):46-9
61. Darshana Bennadi, Nandita Kshetrimayum, Sibyl S, Reddy CVK. Toothpaste Utilization Profile Among Preschool Children. Journal of Clinical and Diagnostic Research.2014; 8(3): 212-15
62. Darshana Bennadi, Kashinath KR, Nandita Kshetrimayum, Veera Reedy. Occupational hazards in dentistry. Research Journal of Pharmaceutical, Biological and Chemical Sciences 2014; 5(3): 1605-14
63. Darshana Bennadi, Veera reddy and Nandita Kshetrimayum. Influence of genetic factor on dental caries. Indian journal of research in pharmacy and biotechnology 2014; 2(3): 1196-207
64. Sibyl S, Darshana Bennadi, Nandita Kshetrimayum, Vinayak Konekeri. Quarantine: a concept of preparedness. Research Journal of Pharmaceutical, Biological and Chemical Sciences 2014; 5(5): 533-39
65. Reddy V, Bennadi D, Gaduputi S, Kshetrimayum N, Siluvai S, Konda Reddy CV. Oral health related knowledge, attitude, and practice among the pre-university students of Mysore city. J Int Soc Prevent Communit Dent 2014;4: 154-58.
66. Darshana Bennadi, Kashinath KR, Bharateesh JV. Social Marketing – its initial concepts. Indian journal of research in pharmacy and biotechnology 2014; 2(4): 1258-62
67. Darshana Bennadi, Vinaya Konekeri, Nandita Kshetrimayum, Sibyl S, Veera Reddy. Clinical audit – literature review. J Int Dent Med Res 2014; 7(2): 44-55
68. Veera Reddy, Darshana Bennadi, Nandita Kshetrimayum, Reddy CVK, Satish G, Umashankar Kura, Guruprasad Yadavalli. Prevalence of Hepatitis B Vaccination among Oral Health Care Personnel in Mysore City, India. OHDM 2014; 13(3): 652-55
69. Darshana B, Nandita K. Health disparity with light on oral health inequality - A review. SRM J Res Dent Sci 2014;5: 258-63.
70. Nandita Kshetrimayum, Darshana Bennadi, Sibyl S. Tobacco- a global agent of death. Indian journal of research in pharmacy and biotechnology 2014; 2(6): 1446-54

71. Kallahalli MR, Sanjay VG, Govindaraju P, Darshana Bennadi, Bhadravathi VR, Antharasanahalli SM. Antimicrobial Efficacy of Commercially Available Toothpastes – An In vitro Study. JYP 2015; 7(3): 187-93
72. Darshana Bennadi, Niharika reddy Thummala. Health and oral health literacy – a review of literature. Indian journal of research in pharmacy and biotechnology 2015; 3(1): 63-9
73. Darshana Bennadi, Vinayaka Konekeri. Quackery in Dentistry. Research Journal of Pharmaceutical, Biological and Chemical Sciences 2015; 6(2): 504-09
74. Nandita Kshetrimayum, Darshana Bennadi, Sibyl S. Outreach programme- key to success in health care access. The Pharma Innovation Journal 2015; 4(4): 04-07
75. Vinayaka Konekeri, Darshana Bennadi, Maurya Manjunath, Nandita Kshetrimayum, Sibyl Siluvai, Chava Venkata Konda Reddy. A clinical study to assess the Effectiveness of CPP-ACP (Casein Phosphopeptide- Amorphous calcium phosphate) versus Potassium-nitrate (KNO3) on cervical dentine hypersensitivity. JYP 2015; 7(3): 217-24
76. Darshana Bennadi, CVK Reddy, Sunitha S, Nandita Kshetrimayum. Oral Health status of 3-6year old children and their mother's oral health related knowledge, attitude and practices in Mysore City, India. Asian Journal of Medical Sciences 2015; 6: 66-71
77. Kashinath KR, Bharateesh JV, Agali CR, Mythri H, Darshana Bennadi, Mohankumar CT. Factors affecting patient satisfaction among those attending an outpatient department of a dental college in Tumkur city – A survey. Journal of Dental Sciences & Research. 2010;1(2):1-10

23. Details of patents and income generated – None

24. Areas of consultancy and income generated ----- None

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad------- None

26. Faculty serving in

a) National committees/ International committees c) Editorial Boards d) any other (specify)

Dr. Bharateesh JV:

- IAPHD – Life Member
- IDA – Life Member
- Member of academic council SSAHE
- Member of Board of studies
- Editorial board of Journal of Dental Sciences and Research

Co chair person in Institutional committees	Anti ragging committee
	Anti ragging squad committee
	Monitoring cell for ragging committee
	Student mentor committee
Member in institutional Committees	Academic Advisory Committee
	Computer maintenance committee
	Dissertation progress Review committee
	Editorial committee
	Institutional Ethical committee
	Institutional Grievance committee
	Institutional Research committee
	Interdepartmental/CDE meeting committee
	Internal quality assurance system committee (IQAC)
	Internal quality assurance central committee (IQAC)
	Malaysian student welfare committee
	NAAC coordinator
	Patient welfare committee
	Purchase committee
	Staff student interaction committee
	Store maintenance committee
	Synopsis review committee

Dr. Mythri H:

- IAPHD – Life Member
- IJDR – Life Member
- IFSR – Member

Member in institutional Committees	Alumni committee
	Anti ragging squad committee
	Computer maintenance committee
	Disciplinary committee
	Institutional research committee
	Library committee
	Patient welfare committee

	Statistics committee
	Student mentor committee
	Women welfare committee

Dr. Darshana Bennadi:

- IAPHD – Life Member
- Editorial board of Journal of Dental Sciences and Research

Member in institutional Committees	Boys & Girls Hostel in charge committee
	Editorial committee
	Malaysian student welfare committee
	Student mentor committee
	Waste management committee
	Work Station committee

Reviewers:

Dr. Bharateesh JV:

- Journal of Indian association of Public Health Dentistry – 2012-13, 2013-14.
- Journal of American Association of Public Health Dentistry – 2009-10

Dr. Mythri H:

- Journal of Dental Research & Updates - 2015
- Journal of Dental Science and Research - 2015
- BMC Health services research - 2015
- Human resources for health – 2014-15
- International journal of dental health concerns – 2014
- Journal of health sciences & research -2014
- Journal of Indian association of Public Health Dentistry – 2013.
- International archives of integrated medicine – 2013
- Journal of odontological research – 2013 -14, 2014 -15.
- Pakistan Journal of Scientific and Industrial Research – 2011

Dr. Darshana Bennadi:

- International Journal of Public Health Dentistry – 2012-13
- Asian Journal of medical sciences – 2014

27. Faculty recharging strategies (Refresher/ orientation programs, workshops, training and similar programs).

The following are the teachers training programme, faculty development programme/national conferences/workshop attended by faculty of this department

Dr. Bharateesh JV:

- Workshop on Oral health care and HIV/AIDS, Bangalore, India 10th – 12th March 2005
- CDE on Informed consent, Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 5/5/2010
- Workshop on Research Methodology Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 28 & 29/7/2010
- CDE on Genetics Department of anatomy at Tumkur on 30/07/2010
- XV National conference of Indian Association of Public Health Dentistry at Mysore from 3rd - 5th December, 2010.
- CDE on Antimicrobials- with knowledge comes responsibility, Department of Periodontics & Bangalore Academy of Periodontology at Tumkur on 4/3/2011
- XVI National conference of Indian Association of Public Health Dentistry at Bangalore from 4- 6th November 2011
- CDE - Clinical Excellence I, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 6/2/2013
- CDE - Research prospects & Current trends in stomatology, Department of Periodontology of Rajarajeshwari Dental College, Bangalore on 27 & 28/2/2013
- CDE- Clinical Excellence II Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 13/3/2013
- CDE - Clinical Excellence III Department Oral Medicine, Sri Siddhartha Dental College, Tumkur on 4/09/2013
- CDE- Clinical Excellence IV Department of Oral Surgery, Sri Siddhartha Dental College, Tumkur on 26/09/2013
- CDE- Clinical Excellence V Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 23/10/2013
- CDE- Clinical Excellence VI Department of Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 5/11/2013
- Symposium on Oral health policy phase – I for Karnataka, Department of Public Health Dentistry, Yennapoya Dental College, Mangalore on 17/2/2014
- CDE- Pathfinder in Public Health Dentistry, Department of Public Health Dentistry, VS Dental college, Bangalore on 2, 3/4/2014

- CDE -Clinical Excellence-VII- Perio Gyan, Department of Periodontics at Sri Siddhartha Dental College, Tumkur on 10/09/2014
- CDE- Clinical Excellence -VIII - Gateway to Dental Implants, Department of Oral and Maxillofacial Surgery at Sri Siddhartha Dental College, Tumkur on 15/10/2014
- CDE- "Clinical Excellence-IX Endo-Restorative Continuum, Department of Conservative Dentistry and Endodontics at Sri Siddhartha Dental College, Tumkur on 19/11/2014.
- CDE- Clinical Excellence-X - Prosthodontics for Healthy Bite, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 17/12/2014
- 68th Indian Dental Conference – 13-15th Feb 2015 at Bangalore.
- CDE- Clinical Excellence- XI-Braces to change faces, Department of Orthodontics, Sri Siddhartha Dental College, Tumkur on 18/02/2015
- 12th National Post Graduate Convention- Pedozest 2015 at Tumkur on 26-28th February 2015.
- CDE- Clinical Excellence-XII – DERMOPATH, Department of Oral Pathology, Sri Siddhartha Dental College on 27/03/2015

Scientific paper presentation done from the department at various forums:

Scientific paper presentation:

- Dr. Bharateesh JV has presented paper titled Root caries prevalence in older individuals attending the rural health centre of Sri Siddhartha Dental College, Tumkur at XIII National Conference of Indian Association of Public Health Dentistry held on 16th, 17th and 18th November 2008 at Ramoji Film City, Hyderabad.

As Resource person:

- Dr. Bharateesh JV delivered a lecture on " Epidemiology of oral cancer and pre cancer in Tumkur District" on 04/09/2013 at CDE - Clinical Excellence III Department Oral Medicine, Sri Siddhartha Dental College, Tumkur on 4/09/2013
- Dr. Bharateesh JV delivered a lecture on " Hypothesis" on 11/10/2013 at Orientation programme on " How to write synopsis of dissertation", Sri Siddhartha Dental College, Tumkur
- Dr. Bharateesh JV as member of key resource team for conducting workshops for oral healthcare providers during Workshop on Oral health care and HIV/AIDS, Bangalore, India 10th – 12th March 2005

Guest Lecturers:

- Dr. Bharateesh JV delivered a lecture on " National control and prevention of Dental fluorosis" on 29/11/2014 at District hospital, Tumkur
- Dr. Bharateesh JV delivered a lecture on " National control and prevention of Dental fluorosis" on 30/03/2015 at District hospital, Tumkur

Dr. Mythri H:

- CDE on Informed consent, Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 5/5/2010
- Workshop on Research Methodology Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 28 & 29/7/2010
- CDE on Genetics Department of anatomy at Tumkur on 30/07/2010
- Workshop on Teacher's training programme, Public Health Dentistry at Virajpeth on 3 & 4/10/2010
- International symposium on Tobacco cessation at Mumbai on 5,6/06/2011
- XV National conference of Indian Association of Public Health Dentistry at Mysore from 3rd - 5th December, 2010.
- Presenting & publishing clinical research course at Bangalore on 29 & 30/1/2011
- CDE on Antimicrobials- with knowledge comes responsibility, Department of Periodontics & Bangalore Academy of Periodontology at Tumkur on 4/3/2011
- CDE- Recent trends in cosmetic dentistry & practice management, Department of Prosthodontics, at Bangalore on 8/1/2013
- CDE- Dental practice management, IDA Branch, Hassan on 13/1/2013
- CDE - Clinical Excellence I, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 6/2/2013
- CDE- Infection control in Dentistry, IDA Branch, Hassan on 17/2/2013
- CDE - Research prospects & Current trends in stomatology, Department of Periodontology of Rajrajeswari Dental College, Bangalore on 27 & 28/2/2013
- CDE- Clinical Excellence II Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 13/3/2013
- CDE- Advances in Forensic Odontology, Bangalore on 25/7/2013
- Hands on course on Forensic Case Vignettes, Bangalore on 26/7/2013
- Workshop on SPSS & bibliography endnote, Bangalore on 19/8/2013

- CDE - Clinical Excellence III Department Oral Medicine, Sri Siddhartha Dental College, Tumkur on 4/09/2013
- CDE- Clinical Excellence IV Department of Oral Surgery, Sri Siddhartha Dental College, Tumkur on 26/09/2013
- CDE- Clinical Excellence V Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 23/10/2013
- CDE- Clinical Excellence VI -Department of Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 5/11/2013
- Symposium on Oral health policy phase – I for Karnataka, Department of Public Health Dentistry, Yennapoya Dental College, Mangalore on 17/2/2014
- Sample size calculation at Vellore on 2-3/6/2014
- National workshop ART approach; Reflections & way ahead at Bangalore 1& 2/9/2014
- CDE -Clinical Excellence-VII- Perio Gyan, Department of Periodontics at Sri Siddhartha Dental College, Tumkur on 10/09/2014
- CDE- Clinical Excellence -VIII - Gateway to Dental Implants, Department of Oral and Maxillofacial Surgery at Sri Siddhartha Dental College, Tumkur on 15/10/2014
- CDE- "Clinical Excellence-IX Endo-Restorative Continuum, Department of Conservative Dentistry and Endodontics at Sri Siddhartha Dental College, Tumkur on 19/11/2014.
- CDE- Clinical Excellence-X - Prosthodontics for Healthy Bite, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 17/12/2014
- 68th IDA National Conference at Bangalore on 13 – 15/2/2015
- CDE- Clinical Excellence- XI-Braces to change faces, Department of Orthodontics, Sri Siddhartha Dental College, Tumkur on 18/02/2015
- 12th National Post Graduate Convention- Pedozest 2015 at Tumkur on 26-28th February 2015.
- CDE- Clinical Excellence-XII – DERMOPATH, Department of Oral Pathology, Sri Siddhartha Dental College on 27/03/2015

Scientific paper presentation done from the department at various forums:

Scientific paper presentation:

1. Paper presentation on "A mirror to current scenario: Fluorosis mitigation project in Pavagada taluk, Tumkur District " XV National IAPHD Conference, Mysore. 2010

2. Paper presentation on "Enhancing the dental professional's responsiveness towards Domestic Violence" 68th National IDC Conference, Bangalore.

Courses:

1. Certificate course in Information skill training in the Cochrane library & Clinical knowledge summaries. Pennine Acute Hospitals. United Kingdom.-2010
2. Certificate course in Basic Emergency Preparedness for Staff of Community Health Facilities. School of Public Health, New York.-2011
3. Certificate course on Knowledge Management. John Hopkins Bloomberg School of Public Health. USA.-2011
4. Post Graduate Diploma in Hospital Management from National institute of Health & Family welfare, New Delhi.-2012-13
5. Certificate course on Sample size calculation, CMC Vellore.-2014

Dr. Darshana Bennadi:

- CDE on Informed consent, Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 5/5/2010
- Workshop on Research Methodology Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 28 & 29/7/2010
- CDE on Genetics Department of anatomy at Tumkur on 30/07/2010
- Workshop on Teacher's training programme, Public Health Dentistry at Virajpeth on 3 & 4/10/2010
- XV National conference of Indian Association of Public Health Dentistry at Mysore from 3rd - 5th December, 2010.
- Presenting & publishing clinical research course at Bangalore on 29 & 30/1/2011
- CDE on Antimicrobials- with knowledge comes responsibility, Department of Periodontics & Bangalore Academy of Periodontology at Tumkur on 4/3/2011
- CDE - Clinical Excellence I, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 6/2/2013
- CDE - Research prospects & Current trends in stomatology, Department of Periodontology of Rajrajeswari Dental College, Bangalore on 27 & 28/2/2013
- CDE- Clinical Excellence II Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 13/3/2013
- CDE - Clinical Excellence III Department Oral Medicine, Sri Siddhartha Dental College, Tumkur on 4/09/2013

- CDE- Clinical Excellence IV Department of Oral Surgery, Sri Siddhartha Dental College, Tumkur on 26/09/2013
- CDE- Clinical Excellence V Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 23/10/2013
- CDE- Clinical Excellence VI Department of Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 5/11/2013
- Symposium on Oral health policy phase – I for Karnataka, Department of Public Health Dentistry, Yennapoya Dental College, Mangalore on 17/2/2014
- Worksop on Teaching Methodologies, Department Oral Medicine and Radiology, KLE Dental college and Hospital, Belgaum on 28, 29/3/2014
- CDE -Clinical Excellence-VII- Perio Gyan, Department of Periodontics at Sri Siddhartha Dental College, Tumkur on 10/09/2014
- II National Conference- Training for dental profession at Belgaum on 18-19/9/2014
- CDE- Clinical Excellence -VIII - Gateway to Dental Implants, Department of Oral and Maxillofacial Surgery at Sri Siddhartha Dental College, Tumkur on 15/10/2014
- CDE- "Clinical Excellence-IX Endo-Restorative Continuum, , Department of Conservative Dentistry and Endodontics at Sri Siddhartha Dental College, Tumkur on 19/11/2014.
- CDE- Clinical Excellence-X - Prosthodontics for Healthy Bite, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 17/12/2014
- CDE- Clinical Excellence- XI-Braces to change faces, Department of Orthodontics, Sri Siddhartha Dental College, Tumkur on 18/02/2015
- 12th National Post Graduate Convention- Pedozest 2015 at Tumkur on 26-28th February 2015.
- CDE- Clinical Excellence-XII – DERMOPATH, Department of Oral Pathology, Sri Siddhartha Dental College on 27/03/2015

Dr. Mohankumar CT:

- CDE on Informed consent, Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 5/5/2010
- Workshop on Research Methodology Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 28 & 29/7/2010
- CDE on Genetics Department of anatomy at Tumkur on 30/07/2010

- CDE on Antimicrobials- with knowledge comes responsibility, Department of Periodontics & Bangalore Academy of Periodontology at Tumkur on 4/3/2011
- CDE - Clinical Excellence I, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 6/2/2013
- CDE - Research prospects & Current trends in stomatology, Department of Periodontology of Rajrajeswari Dental College, Bangalore on 27 & 28/2/2013
- CDE- Clinical Excellence II Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 13/3/2013
- Hands on course on Rotary instruments - Clinical Excellence II Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 13/3/2013
- CDE - Clinical Excellence III Department Oral Medicine, Sri Siddhartha Dental College, Tumkur on 4/09/2013
- CDE- Clinical Excellence IV Department of Oral Surgery, Sri Siddhartha Dental College, Tumkur on 26/09/2013
- CDE- Clinical Excellence V Department of Conservative Dentistry, Sri Siddhartha Dental College, Tumkur on 23/10/2013
- CDE- Clinical Excellence VI Department of Public Health Dentistry, Sri Siddhartha Dental College, Tumkur on 5/11/2013
- Symposium on Oral health policy phase – I for Karnataka, Department of Public Health Dentistry, Yennapoya Dental College, Mangalore on 17/2/2014
- Worksop on Teaching Methodologies, Department Oral Medicine and Radiology, KLE Dental college and Hospital, Belgaum on 28, 29/3/2014
- CDE -Clinical Excellence-VII- Perio Gyan, Department of Periodontics at Sri Siddhartha Dental College, Tumkur on 10/09/2014
- CDE- Clinical Excellence -VIII - Gateway to Dental Implants, Department of Oral and Maxillofacial Surgery at Sri Siddhartha Dental College, Tumkur on 15/10/2014
- CDE- "Clinical Excellence-IX Endo-Restorative Continuum, Department of Conservative Dentistry and Endodontics at Sri Siddhartha Dental College, Tumkur on 19/11/2014.
- CDE- Clinical Excellence-X - Prosthodontics for Healthy Bite, Department of Prosthodontics, Sri Siddhartha Dental College, Tumkur on 17/12/2014
- CDE- Clinical Excellence- XI-Braces to change faces, Department of Orthodontics, Sri Siddhartha Dental College, Tumkur on 18/02/2015

- 12th National Post Graduate Convention- Pedozest 2015 at Tumkur on 26 - 28th February 2015.
- CDE- Clinical Excellence-XII – DERMOPATH, Department of Oral Pathology, Sri Siddhartha Dental College on 27/03/2015

28. Student projects

- Percentage of students who have taken up in house projects including interdepartmental projects: 5%
- Completed project with year and title: One completed in 2014- Prevalence of dental caries among anganawadi children in and around Sri Siddhartha Dental College, Tumkur.
- Ongoing projects: One in 2015 - Oral Health Attitudes and Behaviors of Health Care Students In Tumkur.

Faculty

Completed Projects:

- A Project on "Factors affecting patient satisfaction among those attending an outpatient department of a dental college in Tumkur city – A survey" in 2010
- A Project on "Prevalence and reasons for tooth mortality – A hospital based study" in 2011
- A project on "Oral health status and treatment needs of Todas -Aboriginals in Nilgiris (An epidemiological study)" in collaboration with Department of Public health dentistry, JSS Dental College and Hospital, Mysore.-2012
- A project on "Diabetes and Oral Health: A Case-Control Study" in collaboration with Department of Community Medicine, Mysore medical College and Research Institute, Mysore in 2012
- A project on "Current public health perspective of Fluorosis Mitigation Project in Pavagada Taluk" in association with Department of Chemical engineering, Siddaganga Institution of Technology, 2012
- A project on "Dental negligence among visually impaired children - A call for attention" in 2013
- A project on "Self Medication Profile Among Dental Students, Tumkur, India" in collaboration with Department of Public health dentistry, Regional Institute of Medical sciences, Dental College, Lamphelpat, Imphal, West Manipur, India in 2013

- A project on "Nosocomial infections in Patients Admitted in Intensive Care Unit of a Tertiary Health Center, India" in collaboration with National Institute of Health & Family Welfare, New Delhi. 2014
- A project on "Prevalence & comparison of cigarette smoking habits among health care professionals" in collaboration with department of Public Health dentistry, Sri Hasanamba Dental College, Hasan in 2014.
- A project on "Parental knowledge of preventive dentistry procedures & its utilization" in collaboration with department of Public Health dentistry, Sri Hasanamba Dental College, Hasan in 2014.
- A project on "Self reported knowledge and practice of inter dental aids among group of dental students, Tumkur, India" in collaboration with Department of Public health dentistry, Regional Institute of Medical sciences, Dental College, Lamphelpat, Imphal, West Manipur, India - 2014
- A project on "Oral health related knowledge, attitude, and practice among the pre-university students of Mysore city" in collaboration with Department of dentistry, General hospital, Molkalamuru, Chitradurga District, Karnataka in 2014
- A project on "Prevalence of Hepatitis B Vaccination among Oral Health Care Personnel in Mysore City, India" in collaboration with Department of dentistry, General hospital, Molkalamuru, Chitradurga District, Karnataka in 2014
- A project on "Perception and practice regarding infection control measures among healthcare workers in a tertiary centre" collaboration with National Institute of Health & Family Welfare, New Delhi. 2015.
- A project on "Clinical study to assess the Effectiveness of CPP-ACP (Casein Phosphopeptide- Amorphous calcium phosphate) versus Potassium-nitrate (KNO3) on cervical dentine hypersensitivity" in collaboration with Department of Public Health Dentistry, Navodaya Dental College, Raichur in 2015

Ongoing projects:

- Project on "effectiveness of gutkha ban in self reported tobacco consumers in Tumukuru city, Karnataka, South India - A cross sectional study".
- Project on "Oral health practices and treatment needs among university students of Tumkur city".

- Project on "Psychological factors influencing initiation and cessation of tobacco habit among university students of Tumkur city".

29. Awards /recognitions received at the national and international level by

Faculty:

Awards 2014-2015 1 1stprize for scientific paper presentation in 68th National IDA conference, Bangalore. 2015.

Dr. Mythri H received I prize for scientific paper presentation in 68th National IDA conference, Bangalore. 2015.

Chairing scientific sessions:

Dr. Bharateesh JV:

- Chairing scientific session during the XV National Conference of Indian Association of Public Health Dentistry and IV PG Convention held on 3rd, 4th and 5th December 2010
- Chairing scientific session during the XVI National Conference of Indian Association of Public Health Dentistry held on 4th, 5th and 6th November 2011
- Chairing scientific session at Symposium on Oral health policy phase – I for Karnataka, Department of Public Health Dentistry, Yennapoya Dental College, Mangalore on 17/2/2014

Students

Award	Year	Students
First Prize for Essay Competition organized by Indian Association of Public Health Dentistry on Public Private Partnership	2010	Dr. Abhishek Banerjee (UG student)

30. Seminars/ conferences/ workshops organized and the source of funding (National/ international) with details of outstanding participants if any.

Sl No	Name of Speaker	Topic / Title	Date & Place
1	Dr. Nagesh L Prof. & Head, Depart. of	Research Methodology	28 & 29/7/2010 Tumkur

	Public Health Dentistry, Bapuji Dental College and Hospital, Davanagere		
2	Dr. Vanishree Prof. & Head, Depart. of Public Health Dentistry, Bangalore Instotute of Dental Sciences, Bangalore	Ethics	6/2/2013 Tumkur
3	Dr. Chikka M Raju BDS,DMD, MAGD, ABGD. California, USA.	Concepts & principles of comprehensive dentistry; A road map for achieving optimal treatment outcomes	5/11/2013 Tumkur

31. Code of ethics for research followed by departments- As per Institutional Review Board (IRB)

32. Student profile program –wise

Undergraduate student Programme:

Year	Appeared				Passed				Percentage			
	June		December		June		December		June		December	
	M	F	M	F	M	F	M	F	M	F	M	F
2010												
2011												
2012												
2013												
2014												
2015												

33. Diversity of students: Not applicable

Name of the program	% of students from the	% of students from other	% of students from other	% of students from other

	same university	universities within state	universities outside the state	countries

34. How many students have cleared Civil services and defense services examinations NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations ?

No information available in the department

35. Student progression

Student progression	Percentage against enrolled
UG to PG	3 students joined PG of our speciality

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	-
From other universities within the state	100% (4 staff) RGUHS, Karnataka universities
From universities from other states	-
From universities outside the country	-

37. Number of faculty who were awarded M.phil, DM, PhD., D.Sc and D.Litt. during the assessment period---None

38. Present details of departmental infrastructural facilities with regard to

a) Library: text books- 21

seminars: **NA** ; Library dissertations:**NA**; Main-dissertations:**NA**

b) Internet facilities for staff and students: Yes available

c) Total number of class rooms: None

d) Class rooms with ICT facility and smart class rooms: None

e) Students laboratories ------No

f) Research laboratories- No

39. List of doctoral, post doctoral students and research associates: None

a) From the host institution/ university

b) From other institution/ university

40. Number of post graduate student getting financial assistance from university.--Not Applicable

41. **Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.**

Yes, feedback was collected from stake holders (students) which was discussed with Principal then the same was introduced at department level after approval from Principal. Ex: Structured Comprehensive Clinical Training Programme- 'One Student One Patient Basis' which has been started as new programme for students.

42. Does the department obtain feedback from

o. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

p. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

q. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the instituition for campus interviews give their feed backs on programs and correction needed.

43. List of the distinguished alumni of the department (maximum 10): Not applicable

44. Give details of student enrichment programs (special lectures/ workshops/ seminar) involving external experts.-

The following student enrichment programmes were conducted for undergraduate student during the academic year 2014-15;

- " Seal it and prevent it'' – a practical approach for pit and fissure sealants
- " Need of the hour- Challenges to combat fluorosis'' - a simple and practical approach for Defluoridation
- ''No drill only fill'' – a practical approach to treat caries through Atraumatic Restorative Treatment.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching: discussions, case analysis, theory classes, surgery observation.

Assessment for slow learners.

Teaching methods adopted are,

- Lecture – Chalk and talk
- Using power point presentation
- Conducting seminars and Symposium by students
- Group Discussions
- Demonstrations
- Project work
- Live demonstration – Water purification plant, Milk dairy, PHC, CHC, School programmes
- Awareness programmes

Slow learner assessment:

Slow learners are assessed after all theory classes by conducting chapter-wise tests this helps the faculty to recognize the problem faced by the slow learners at the begging of the academic year. They are also assessed by their performance in internal exams conducted by the department. Their attendance is also monitored in clinical and theory classes. Further, the problems assessed with the slow learners are discussed with their respective mentors.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? :

- Conducting chapter-wise tests
- Conducting periodic internal assessment for both theory and clinical.
- Identifying slow learners in the department and measures are taken to improve them

47. Highlight the participation of students and faculty in extension activities.

- Quiz: Conducted quiz competition on WHO Day celebration among final year students. Quiz topic was based on WHO and year theme. Winners were given prizes.
- Essay: Dentist day was celebrated by conducting Essay competition for the students on 6th march 2011. Essay topic was Dentistry; Past, present and future
- Cultural activities: Festivals like ayudh pooja, Onam, Ganesh chaturthi, Ram Navami, Women's day, New year are celebrated and students are encouraged to participate in various competitions like rangoli competition, ethinic day, Nail art, cooking without fire, Best out of waste etc.
- Sports activities: Intradepartmental cricket matches are held every year.
- Department has actively participated and contributed in Mega Health Camp at Jatra Mahothsava at Sri Siddaganga Mutt, Kyathsandra during Jan 2011.
- Department has contributed and participated in mega health exhibition 'MEDEX' conducted by the university from 18/10/2011 to 22/10/2011 by exhibiting oral health stall for public. Each department staff and students were actively participated. This exhibition has benefitted for more than 2 lakh of population
- Department has participated in the second MEDEX during 2/9/2013 – 6/09/2013 at university campus, Tumkur. During this programme we had displayed oral health education aids like posters and models. Correct method of brushing was demonstrated to the public through videos.
- E-poster competition: Competition was conducted on WHO day theme 2014 - on 10/04/2014.
- Department had displayed tobacco related educative posters in front of the college and lecture halls during the event of 'No Tobacco Day' celebration at college on 04/06/2015. So this created no tobacco environment in the college.
- Celebration of important dates like

- Dentist day
- WHO Day
- No tobacco day
- Oral hygiene day
- Teachers day
- Anti AIDS day

Conducting outreach programmes where there is involvement of teaching, non teaching, UG students as well as PG students of other departments

- Yearwise extension programs (Dental camps/ outreach programmes) from 2010 to 2015

YEAR	No. of Camps	No. of patients benefitted
2010	40	6578
2011	36	5894
2012	69	9769
2013	69	12,986
2014	86	12,335

- Oral health month is celebrated every year by distributing Colgate tooth paste to blind school and government school children

48. Give details of "beyond syllabus scholarly activities" of the department.

Undergraduate are guided for research activities.

49. State whether the program /department is accredited /graded by other agencies? If yes give details. - No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.-

Structured Comprehensive Clinical Training Programme- 'One Student One Patient Basis' which has been started as new programme for students.

52. Detail 5 major strengths, weaknesses, opportunities and challenges (SWOC) of the department.

a. Strength:

i. Well established and fully equipped department. The department provides the best and prompt services to the patients.

ii. Exposure to interesting and rare cases

iii. Updating the knowledge of the staff is given importance. The staff attend various CDE's, national conferences , PG symposiums to update their knowledge and skills so that they can teach the students with all recent advances happening in field of oral medicine and radiology.

iv. Multidisciplinary treatment provided to the patients , patients who need inter department consultation and treatment planning are given special emphasis & all necessary actions are taken by all the departments in collaboration to provide the best treatment to the patient.

b. Weakness :

i. The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

c. Opportunities :

i. Deal with interesting and rare cases.

ii. Increase the referrals of patients from surrounding rural areas

iii. Students & faculty are encouraged to perform research activity and to attend the national conferences.

d. Challenges :

i. Managing rare cases

52. Future plans of the department:

	2015-16	2016-17	2017-18	2018-19	2019-20
Courses	Training programmes for nursing fraternity in early detection of oral cancer and awareness	Training programmes for teachers and anganawadi workers in preventive and oral health	Training center for male and female health workers in regarding preventive	Training centre for alcohol and tobacco cessation at our rural health centers	To start with PG course

		care	oral health care.		
TLE	To identify slow learners. To improve their learning capabilities by conducting chapter wise tests.	Use of Structured Comprehensive Clinical Training Programme- 'One Student One Patient Basis'.	Encourage evidence based dentistry along with faculty enrichment programmes.	One to one discussion or demonstration of the topic.	Hosting of State and National conference.
Administration	To upgrade the practice of comprehensive practice	To take initiative to start Minimally invasive dentistry	To increase supporting staffs to meet the new requirements	To create resource person in dental health education	Start with general dentistry
Research/Extension	To have interdepartmental collaborative	To have multicenter / inter-institutio	To collaborate with nation	Presentation of research findings at	To collaborate with interna

	research	nal research studies	al agencies in research activities	National and International forums	tional agencies in research activities
Infrastructures	To improvise facilities in mobile dentistry	To improvise the existing satellite centers	To Renovate and improve dental museum	To extend our clinical area for providing comprehensive treatment for patient at one place	To increase satellite centers
Innovation	Encourage students to inculcate problem based learning methods	Increased awareness programmes with stress on preventive dentistry	To conduct interactive health exhibitions	To conduct interdental college workshops	To conduct inter-institutional teaching/ training programmes.
Collaborations/ ***Linkages***	Collaboration with local	Collaboration with	Collaboration	Collaboration with	Collaboration

	nongovernmental organization	other health sectors to improve oral health	with specialty association to improve oral health of the community	Government of Karnataka to oral health of the community	with WHO for oral health promotion

Museum:

The department houses a comprehensive and an informative museum in the ground floor of the college. It is strategically placed such that all the out-patients of the college can walk through the museum. The staff, interns and the students of the department is actively involved in educating and motivating the patients, this helps the patients to overcome their initial fear of dentistry and they also understand the logic, procedure and prevention of the disease.

The museum exhibits various charts,models,interactive models which are user friendly and easy to understand. All the educative material are presented in English as well as local language, Kannada.

The students and interns get an opportunity to interact with the patients with an open mind. Their active participation increases their communicative skills and also their confidence and rapport with the patient, which otherwise becomes monotonous.

Problem based learning:

Comprehensive treatment of patients: Keeping in mind the necessity of the students to get an exposure to treating the patients comprehensively rather than treating the chief complaint only, instills confidence in them to practice dentistry more efficiently in their future. The student also gets to know the importance of comprehensive treatment along with a chance to interact with same patients more frequently. The patient is also benefitted because along with their chief complaint many other related problems are explained to them and treated.

Defluoridation: The student is explained the importance of defluoridation and is made aware of differential diagnosis of fluorosis (e.g. enamel hypoplasia, tetracycline stains etc).The

students are trained to educate the patients about flurosis and its prevention. Demonstration of practical and simple method of water defluoridation is given.

EVALUATIVE REPORT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

1. **Name of the Department:** Conservative Dentistry and Endodontics.
2. **Year Of Establishment:** 1992
3. **Is the department part of a college/faculty of the university**? Yes
4. **Names of programs offered (UG, PG):** BDS, MDS**.** Department is recognized PG center
5. **Interdisciplinary programs and departments involved: Interdepartmental meetings conducted once in 15 days where case presentations will be done by department staff or students on rotation basis. All the departments are involved.**

- Dr. Mahaveer presented the "3D Endodontics" on 06-01-2010.
- Dr. Annapurna presented "Management of discolored teeth – case series" on 24-03-2010.
- Dr.Soumyaranjan Nanda presented "Knowledge and attitude of medical doctors towards emergency management of avulsed tooth" on 18-08-2010.
- Dr. Soumyaranjan Nanda presented " Morphometric measurement of pulp space of human maxillary first premolar using spiral CT" on 19-01-2011.
- Dr.Shanol Crasta presented "Traumatic dental injuries – a case report" in interdepartmental meet on 29-06-2011.
- Dr. Sashikanth presented "palatogingival groove - a case report" on 09-05-2012.
- Dr. Harikrishna presented "Management of crown-root fracture of a maxillary central incisor by surgical extrusion – a case report" on 19-09-2014.

6. **Courses in collaboration with other universities, industries, foreign institutions,** etc.---- None
7. **Details of programs discontinued, if any, with reasons** ----- None
8. **Examination system: Annual/Semester/Trimester/Choice Based Credit System**- Annual examination conducted by SAHE
9. **Participation of the department in the courses offered by other departments**: The students and the staff are actively involved in CDE programmes, Lectures.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professor/Asst. Professor/others)**

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	As per DCI	-	02
Associate Professor/Reader	As per DCI	-	03
Assistant Professor	As per DCI	-	01
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	01
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. Of Year Of Experience
Dr. Jyothi.K.N	MDS	Professor & Head	Conservative Dentistry & Endodontics	22 years
Dr. Venugopal.P	MDS	Professor	-"-	16 years
Dr. Jayashankara.C.M	MDS	Reader	-"-	10 years
Dr. Anil Kumar.S	MDS	Reader	-"-	7 years
Dr. Sharath Kumar.P	MDS	Reader	-"-	5yrs 6months
Dr. Girish.S.A	MDS	Sr.Lecturer	-"-	11months

12. List of the senior visiting Fellows, adjunct faculty, emeritus professor- None

13. Percentage of classes taken by temporary faculty- program-wise information- None

14. Program -wise Student Teacher Ratio:

- PG Clinical: 2:1
- UG Clinical: 2:1

- PG Pre-clinical: 2:1
- UG Pre-clinical: 15:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Number of technical staff	02
Administrative staff	07

16. Research thrust areas as recognized by major funding agencies:

Sl.no	Research thirst area	Funding agency	Year
1. 2. 3.	NiTi Rotary instrumentation of root canal. Composite resin restorations Aseptic measures in Endodontics	SAHE	09/12/2013

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project –wise

List of ongoing projects	2014-2015	06	1. Evaluation of post operative painfollowing single visit endodontic treatment performed using hand files, protaper next, M Two and K3XF contemporary rotary NiTi files- A randomized controlled clinical trial. 2. Removal of intracanal calcium hydroxide medicament using rotary instruments and irrigants : 5%NoCl, 6%H2O2 & 2% CHX with endovac irrigating system – An analysis using CBCT. 3. location and negotiation of mid mesial canalin permanent mandibular first molar using dental operating microscope and ultrasonic tips – An in vivo study 4. Study of root and canal morphology of mandibular first premolar using CBCT – An in vitro study. 5. Effect of Shy-NM and Remin Pro on the microhardness of bleached enamel – An in vitro study.

			6. Comparison of antimicrobial efficacy of propolis, neem, triphala and 5% NaCl on candida albicans and E. faecalis biofilm formed on tooth substrate : An in vitro study.
	2013-2014	03	1. Influence of surface conditioning of fiber post with phosphoric acid, hydrogen peroxide and potassium permanganate on push-out bond strength – an in-vitro study 2. Bulk fill Vs Incremental fill posterior resin composites – An in-vitro comparison for microleakage and tensile bond strength to coronal dentin. 3. Gutta percha disinfection – A KAP sstudy among post graduate students in Endodontic and microbial assay of GP cones.
	2012-2013	04	1. Effect of two desensitizing agents following in-office vital tooth bleaching using 35% hydrogen peroxide- A randomized controlled clinical trial. 2. Effect of needle irrigation, manual dynamic irrigation, sonic irrigation with endoactivator on removal of E. fecalis biofilm- An invitro study. 3. Knowledge and attitude of endodontic postgraduate students toward sterilization of endodontic files – A cross-sectional study. 4. Evaluation of knowledge, attitude and practice regarding irrigation protocol among post graduates present in the dental colleges in Bangalore.
	2011-2012		1. Effect of total-etch and self-etch adhesives on postoperative sensitivity in occlusal cavities restored with composite resin" – A

			randomized clinical trial 2. Volumetric analysis of root canals obturated with cold lateral condensation, single cone and thermoplasticized gutta percha techniques using spiral computed tomography- An in vitro study. 3. To access and compare the flow rate of five endodontic sealers: AH plus, Acroseal, Zycal, Tubli seal and MTA filapex. 4. Anti-microbial activity of three endodontic sealers by direct contact test. 5. Dental Anxiety levels among patients visiting a dental institute in Tumkur, India- A cross sectional study.
	2010-2011	05	1. Comparative evaluation of microleakage in class II cavities restored with a silorane composite and a packable resin composite with and without the use of a liner- An in vitro scanning electron microscopic study. 2. Comparison of fracture resistance of roots following root canal preparation by stainless steel hand and nickel titanium rotary instruments- An in vitro study. 3. Effect of five commercial mouth rinses on the microhardness of a nanofilled resin composite restorative material: An invitro study. 4. Evaluation of postoperative sensitivity in class II composite restorations using total-etch & self-etch adhesives. An in-vivo study. 5. Efficacy of various sterilization protocols for Ni Ti rotary endodontic files"-an ex vivo study

Dr.Jayashankara.C.M	Evaluation of the Post-operative pain following single visit endodontic treatment performed using protaper, K3 and M Two contemporary rotary NiTi files – A Randomized controlled Clinical trial.	Ongoing	Funded by SAHE	Amount released Rs.1,14,150/-

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration---

- "Efficacy of various sterilization protocols for Ni Ti rotary endodontic files"-an ex vivo study. Department of Microbiology, Sri Siddhartha Medical College. Completed in 2012.
- Anti-microbial activity of three endodontic sealers by direct contact test. In association with Marata mandal dental college, Microbiology department, Belgaum. Completed in 2013.
- Effect of needle irrigation, manual dynamic irrigation, sonic irrigation with endoactivator on removal of E. fecalis biofilm- An invitro study. In association with Marata mandal dental college, Microbiology department, Belgaum. Completed in 2013.
- Influence of surface conditioning of fiber post with phosphoric acid, hydrogen peroxide and potassium permanganate on push-out bond strength – an in-vitro study. In association with Sri Siddhartha Engineering college, Tumkur. Completed in 2014

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received— none

20. Research facility / center with

- State recognition
- National recognition
- International recognition

Good clinical material for UG & PG students

Dental operating microscope for research work

Infrastructure and equipments available

21. Special research laboratories sponsored by /created by industry or corporate bodies –

22. Publications:

- **Number of papers published in peer reviewed journals (national/ International)-21**
- **Monographs** – None
- **Chapters in Books**- None
- **Books edited** –None
- Books with ISBN with details of publishers
- Number listed in International database (for e.g. Web of science, Scopus, humanities international complete, dare database- international social sciences directory, EBSCO host, Medline, etc.)
- Citation index range/ average

Faculty	No. of citation	Total no. of publications	Citation index	Dept average
Dr.Jyothi.K.N	02	14		
Dr.Venugopal.P	-	12		
Dr.Jayashankara.C.M	03	08		
Dr.Anil Kumar.S	01	08		
Dr.Sharath Kumar.P	-	03		
Dr.Girish.S.A	-	-		

- SNIP
- SJR
- Impact factor- range/average
- H-index

Sl no	Name	H index
1.	Dr.Jyothi.K.N	01
2.	Dr.Venugopal.P	-
3.	Dr.Jayashankara.C.M	01
4.	Dr.Anil Kumar.S	01
5.	Dr.Sharath Kumar.P	-
6.	Dr.Girish.S.A	-

23. **Details of patents and income generated** – None

24. **Areas of consultancy and income generated** ----- None

25. **Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad-------** None

26. **Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (specify)**

Dr.Jyothi. KN – Chairman, Board of studies, SAHE, Tumkur.

Academic council member, SAHE, Tumkur.

Dr. Venugopal.P - Academic council member, SAHE, Tumkur.

Dr.Jayashankara. C.M – Member , Board of Management, SAHE, Tumkur.

Guest lectures / Resource person:

- Dr.Jyothi.K.N delivered a lecture on "Tooth avulsion – Staregies for management" on 7th Sept 2010 at SSDC, Tumkur.
- Dr.Jyothi.K.N delivered a lecture on "Cast gold Inlays- Indications and preparation designs" during CDE programme "Finish line" held at Dayananda Sagar Dental College, Bangalore on 17th 18th Feb 2011.
- Dr.Jyothi.K.N delivered a lecture on "Post-operative sensitivity – A problem commonly Encountered….!!??" on 23rd oct. 2013 at CDE programme, SSDC, Tumkur.
- Dr.Jyothi.K.N delivered a lecture on "Statistical analysis" at orientation programme on "How to write synopsis of Dissertation" for PG students on 10th & 11th oct. 2013 at SSDC, Tumkur.
- Dr.Venugopal.P delivered a guest lecture titled "Mastering the Endodontic Game" at CDE Programme organized by IDA Tumkur Branch on 10-07-2010.
- Dr.Venugopal.P delivered a guest lecture titled "Emergencies during Endodontic Therapy" at CDE Programme of IDA Hassan Branch on 17-02-2013.
- Dr.Venugopal.P delivered a guest lecture titled "Emergencies during Endodontic Therapy" at CDE Programme of IDA Shimoga Branch on 26-05-2013.
- Dr.Venugopal.P delivered a guest lecture guest lecture titled "Emergencies encountered during Endodontic Therapy" and Hands on course on K3 –XF file system in Zonal CDE Programme at C.K.S THEJA INSTITUTE OF DENTAL SCIENCES, Tirupati on 23-07-2013.
- Dr.Venugopal.P delivered a guest lecture titled "Endo-Perio Lesions: An Endodontic Perspective" in a Zonal CDE Programme for PG students at Narayana Dental College, Nellore on 24-09-2014.

- Dr.Venugopal.P delivered a guest lecture titled "Sterilization of Endodontic files – Current Concepts & Practices" in a Clinical Excellence Programme at Sri Siddhartha Dental College, Tumkur on 19-11-2014.
- Dr.Jayashankara.C.M delivered a lecture on Black Holes – An esthetic dispute, 23rd oct. 2013 at SSDC, Tumkur.
- Dr.Sharath Kumar.P delivered a lecture on Unlock to Lock, 23rd oct. 2013 at SSDC, Tumkur.

PG Synopsis and Thesis reviewer for SAHE and other universities:

- Dr. Jyothi. K.N
- Dr. Venugopal. P

Conducting Mock examination (Preparatory)

- Dr. Jyothi. K.N – Conducted at RV Dental College Bangalore, Dayanandsagar Dental Colege Bangalore and Oxford Dental College Bangalore.
- Dr. Venugopal. P – Conducted at Vydehi Institute of Dental Sciences, Bangalore, Dayanandsagar Dental College Bangalore and Oxford Dental College Bangalore.

27. Faculty recharging strategies (Refresher/ orientation programs, workshops, training and similar programs).

The following are the teachers training programme, faculty development programme/national conferences attended by faculty of this department (information for-----dates)

Dr.Jyothi.K.N

- Attended the Training course on "Informed Consent" in the protection of human research subjects held at SSDC, Tumkur on 5th May 2010.
- Attended the CDE on "The impact of technology on modern endodontic technique" by Dr. Julian Webber, on 12th May 2010 at Bangalore organized by Dentsply Academy.
- Attended the XI FODI & IES post graduate convention held at Bangalore from 27th – 29th May 2010.
- Attended the 25th FODI&18th IES conference held at Chennai from 9th – 12th Dec.2010.
- Attended the CDE programme "Finish Line" held at Dayananda sagar college of dental sciences on 17th & 18th Feb. 2011.
- Attended the CDE on "Antimocrobials- with knowledge comes responsibility" – A symposium on chemotherapeutics in periodontal therapy, held at SSDC,Tumkur on 4th march 2011.

- Attended the CDE on "Early caries management" held at VS dental college, Bangalore, on 5th sep.2011.
- Attended the National level CDE on "Orientation to post graduate research – A workshop" held at Navodaya Dental College & Hospital, Raichur, on 30th Sep.2011.
- Attended the CDE on "Recent concepts of Endo-Perio Lesions" held at NIMHANS convention center on 6th June 2012.
- Attended the CDE on clinical excellence – I held at SSDC,Tumkur on 6th Feb.2013.
- Attended the CDE on clinical excellence – II held at SSDC, Tumkur on 13th March 2013.
- Attended the CDE on clinical excellence –III held at SSDC, Tumkur on 4th sep. 2013.
- Attended the CDE on clinical excellence – IV held at SSDC, Tumkur on 2013.
- Attended the CDE on clinical excellence – V held at SSDC, Tumkur on 23rd oct. 2013.
- Attended the CDE on clinical excellence – VI held at SSDC, Tumkur on 5th Nov. 2013.
- Attended the 28th IACDE & 21st IES national conference held at Hyderabad from 14th - 17th Nov. 2013.
- Attended the CDE on clinical excellence – VII, PERIOGYAN held at SSDC, Tumkur on 10th sep. 2014.
- Attended the CDE on clinical excellence – VIII, GATEWAY TO DENTAL IMPLANTS, on 15th oct. 2014.
- Attended the CDE on clinical excellence – IX, ENDORESTORATIVE CONTINUUM… on 19th nov.2014.
- Attended the CDE on clinical excellence – X, PROSTHODONTICS FOR HEALTHY BITE, on 17th dec 2014.
- Attended the CDE on clinical excellence – XI, BRACES TO CHANGE FACES, on 18th feb 2015.
- Attended thePEDOZEST 2015, 12th National Postgraduate Convention by Indian Society of Pedodontics and Preventive Dentistry on 27th and 28th feb 2015 held at Tumkur.
- Attended the CDE on CURRENT PERSPECTIVES IN REGENERATIVE DENTISTRY on 27th March 2015 held at Ramaiah Dental College and Research Centre, Bangalore.
- **Dr.** Attended the CDE on "Informed consent" on 5th May 2010 held at SSDC, Tumkur.
- Attended the 11th FODI & IES Post Graduate Convention on 28th to 29th May 2010 at Bangalore.
- Attended the IDA CDE on 10th July 2010 at Tumkur.
- Attended the CDE on "Research Methodology" on 28th July 2010 held at SSDC Tumkur.

- Attended the CDE on "Rotary Endodontics and Dental operating microscope" on 14th Sept 2010 held at Bangalore.
- Attended the CDE on Modern Endodontics on 21st Sept 2010.
- Attended the FDI-IDA CDE -2010 on 19th Nov 2010 at Bangalore.
- Attended the 25th FODI & 18th IES National Conference on 10th to 12th Dec 2010 at Chennai.
- Attended the CDE - Snack N Learn on 1st August 2011at Bangalore.
- Attended the CDE on "Microvascular reconstruction in orofacial defects" on 12th Jan 2011 held at SSDC Tumkur.
- Attended the CDE on "Antimicrobials – with knowledge comes responsibility" on 4th March 2011 held at SSDC Tumkur.
- Attended the 26th FODI and 19th IES National Conference on 10th to 13rd Nov 2011 at New Delhi.
- Attended the CDE on "Recent concepts of endo-perio lesions" on 6th June 2012 held at Bangalore.
- Attended the CDE on "Clinical Excellence - I" on 6th Feb 2013 held at SSDC Tumkur.
- Attended the CDE on Conservative Dentistry and Endodontics on 16th Feb 2013 held at Bangalore.
- Attended the CDE on "Clinical Excellence - II" on 13th March 2013held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - III" on 4th Sept 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IV" on 26th Sept 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - V" on 23rd Oct 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VI" on 5th Nov 2013 held at SSDC Tumkur.
- Attended the 28th IACDE & 21st IES National Conference on 15th to 17th Nov 2013 at Hyderabad.

Venugopal.P

- Attended the CDE on "Clinical Excellence - VII" PERIO GYAN on 10th Sept 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VIII" GATEWAY TO DENTAL IMPLANTS on 15th Oct 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IX" ENDO-RESTORATIVE CONTINUUM…on 19th Nov 2014 held at SSDC Tumkur.

- Attended the CDE on "Clinical Excellence - X" PROSTHODONTICS FOR HEALTHY BITE on 17th Dec 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - XI" BRACES TO CHANGE FACES on 18th Feb 2015 held at SSDC Tumkur.
- Attended the PEDOZEST 2015, 12th National Postgraduate Convention by Indian Society of Pedodontics and Preventive Dentistry on 27th and 28th feb 2015 held at Tumkur.
- Attended the symposium on PERSPECTIVES IN REGENERATIVE DENTISTRY ON 27TH March 2015 held at MS Ramaiah University of Applied Sciences, Bangalore.

Dr.Jayashankara.C.M

- Attended the CDE on "Informed consent" on 5th May 2010 held at SSDC, Tumkur.
- Attended the 11th FODI & IES Post Graduate Convention on 28th to 29th May 2010 at Bangalore.
- Attended the CDE on "Research Methodology" on 28th July 2010 held at SSDC Tumkur.
- Attended the CDE on "Rotary Endodontics and Dental operating microscope" on 14th Sept 2010 held at Bangalore.
- Attended the CDE on Modern Endodontics on 21st Sept 2010.
- Attended the 25th FODI & 18th IES National Conference on 10 to 12 Dec 2010 at Chennai.
- Attended the CDE on "Microvascular reconstruction in orofacial defects" on 12th Jan 2011 held at SSDC Tumkur.
- Attended the CDE on "Antimicrobials – with knowledge comes responsibility" on 4th March 2011 held at SSDC Tumkur.
- Attended the CDE on "Recent concepts of endo-perio lesions" on 6th June 2012 held at Bangalore.
- Attended the CDE on "Clinical Excellence - I" on 6th Feb 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - II" on 13th March 2013held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - III" on 4th Sept 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IV" on 26th Sept 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - V" on 23rd Oct 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VI" on 5th Nov 2013 held at SSDC Tumkur.

- Attended the 28th IACDE & 21st IES National Conference on 15th to 17th Nov 2013 at Hyderabad.
- Attended the 39th IDA Karnataka State Conference on 25th Nov 2011 held at Mysore.
- Attended the CDE On Conservative Dentistry and Endodontics on 16th Feb 2013 held at Bangalore.
- Attended the CDE on "Clinical Excellence - VII" PERIO GYAN on 10th Sept 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VIII" GATEWAY TO DENTAL IMPLANTS on 15th Oct 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IX" ENDO-RESTORATIVE CONTINUUM…on 19th Nov 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - X" PROSTHODONTICS FOR HEALTHY BITE on 17th Dec 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - XI" BRACES TO CHANGE FACES on 18th Feb 2015 held at SSDC Tumkur.
- Attended thePEDOZEST 2015, 12th National Postgraduate Convention by Indian Society of Pedodontics and Preventive Dentistry on 27th and 28th Feb 2015 held at Tumkur.
- Attended the symposium on PERSPECTIVES IN REGENERATIVE DENTISTRY ON 27TH March 2015 held at MS Ramaiah University of Applied Sciences, Bangalore.

Dr. Anil Kumar.S

- Attended the CDE on "Informed consent" on 5th May 2010 held at SSDC, Tumkur.
- Attended the An exciting one day interactive session on Predictable fixed prosthodontics on 9th May 2010.
- Attended The impact of technology on modern endodontic technique on 12th May 2010.
- Attended the 11th FODI & IES Post Graduate Convention on 28th to 29th May 2010 at Bangalore.
- Attended the CDE on "Research Methodology" on 28th July 2010 held at SSDC Tumkur.
- Attended the CDE on "Rotary Endodontics and Dental operating microscope" on 14th Sept 2010 held at Bangalore.
- Attended the CDE on Modern Endodontics on 21st Sept 2010.
- Attended the 25th FODI & 18th IES National Conference on 10 to 12 Dec 2010 at Chennai.
- Attended the CDE on "Microvascular reconstruction in orofacial defects" on 12th Jan 2011 held at SSDC Tumkur.

- Attended the CDE on "Antimicrobials – with knowledge comes responsibility" on 4th March 2011 held at SSDC Tumkur.
- Attended the CDE on "Recent concepts of endo-perio lesions" on 6th June 2012 held at Bangalore.
- Attended the CDE on "Clinical Excellence - I" on 6th Feb 2013 held at SSDC Tumkur.
- Attended the CDE on "Implantology – The third dentition" on 21st Feb 2013.
- Attended the CDE on "Clinical Excellence - II" on 13th March 2013held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - III" on 4th Sept 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IV" on 26th Sept 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - V" on 23rd Oct 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VI" on 5th Nov 2013 held at SSDC Tumkur.
- Attended the 28th IACDE & 21st IES National Conference on 15th to 17th Nov 2013 at Hyderabad.
- Attended the CDE on "Clinical Excellence - VII" PERIO GYAN on 10th Sept 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VIII" GATEWAY TO DENTAL IMPLANTS on 15th Oct 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IX" ENDO-RESTORATIVE CONTINUUM…on 19th Nov 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - X" PROSTHODONTICS FOR HEALTHY BITE on 17th Dec 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - XI" BRACES TO CHANGE FACES on 18th Feb 2015 held at SSDC Tumkur.
- Attended the PEDOZEST 2015, 12th National Postgraduate Convention by Indian Society of Pedodontics and Preventive Dentistry on 27th and 28th Feb 2015 held at Tumkur.
- Attended the symposium on PERSPECTIVES IN REGENERATIVE DENTISTRY ON 27TH March 2015 held at MS Ramaiah University of Applied Sciences, Bangalore.

Dr. Sharath Kumar. P

- Attended the CDE on "Informed consent" on 5th May 2010 held at SSDC, Tumkur.
- Attended the 11th FODI & IES Post Graduate Convention on 28th to 29th May 2010 at Bangalore.

- Attended the CDE on "Research Methodology" on 28th July 2010 held at SSDC Tumkur.
- Attended the CDE on "Rotary Endodontics and Dental operating microscope" on 14th Sept 2010 held at Bangalore.
- Attended the CDE on Modern Endodontics on 21st Sept 2010.
- Attended the 25th FODI & 18th IES National Conference on 10 to 12 Dec 2010 at Chennai.
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- Attended the CDE on "Recent concepts of endo-perio lesions" on 6th June 2012 held at Bangalore.
- Attended the 28th IACDE & 21st IES National Conference on 15th to 17th 2013 at Hyderabad.
- Attended the CDE on "Clinical Excellence - I" on 6th Feb 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - II" on 13th March 2013held at SSDC Tumkur
- Attended the CDE on "Clinical Excellence - III" on 4th Sept 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IV" on 26th Sept 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - V" on 23rd Oct 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VI" on 5th Nov 2013 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VII" PERIO GYAN on 10th Sept 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VIII" GATEWAY TO DENTAL IMPLANTS on 15th Oct 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IX" ENDO-RESTORATIVE CONTINUUM…on 19th Nov 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - X" PROSTHODONTICS FOR HEALTHY BITE on 17th Dec 2014 held at SSDC Tumkur.
- Attended thePEDOZEST 2015, 12th National Postgraduate Convention by Indian Society of Pedodontics and Preventive Dentistry on 27th and 28th Feb 2015 held at Tumkur.

- Attended the CDE on "Clinical Excellence - XI" BRACES TO CHANGE FACES on 18th Feb 2015 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - XII" DERMA-PATH on 27TH March 2015 held at SSDC Tumkur.

Dr. Girish.S.A

- Attended the CDE on "Clinical Excellence - VII" PERIO GYAN on 10th Sept 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - VIII" GATEWAY TO DENTAL IMPLANTS on 15th Oct 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - IX" ENDO-RESTORATIVE CONTINUUM…on 19th Nov 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - X" PROSTHODONTICS FOR HEALTHY BITE on 17th Dec 2014 held at SSDC Tumkur.
- Attended the CDE on "Clinical Excellence - XI" BRACES TO CHANGE FACES on 18th Feb 2015 held at SSDC Tumkur.
- Attended the PEDOZEST 2015, 12th National Postgraduate Convention by Indian Society of Pedodontics and Preventive Dentistry on 27th and 28th Feb 2015 held at Tumkur.
- Attended the CDE on "Clinical Excellence - XII" DERMA-PATH on 27TH March 2015 held at SSDC Tumkur.

28. Student projects

- Percentage of students who have taken up in house projects including interdepartmental projects
- Completed project with year and title
- Ongoing projects

PG research projects 2010 to 2015 – virtually 100% of postgraduate participated in research undertaken.

Sl.No.	Name of the PG Student/Faculy	Title	Period
1.	Dr.Annapurna Dr. Jyothi.KN	Clinical evaluation of giomer and resin modified glass ionomer cement in class V non carious cervical lesions: An in vivo study.	2008 -2011 Completed

2.	Dr.Sujith Dr.Jyothi. KN Dr. Venugopal.P	Location and negotiation of second mesiobuccal canal in maxillary first molar by naked eye / using dental operating microscope / using ultrasonic and dental operating microscope- A in vivo study.	2008 -2011 Completed
3.	Dr. Mahaveer. Dr.Jyothi. KN Dr. Venugopal.P	Comparison of fracture resistance of roots following root canal preparation by stainless steel hand and nickel titanium rotary instruments- An in vitro study.	2009-2012 Completed
4.	Dr. Soumyaranjan Nanda. Dr.Jyothi. KN Dr. Venugopal.P	Morphometric analysis of pulp chamber in Maxillary 1st premolar and root dentin thickness- A spiral computed tomographic study.	2009-2012 Completed
5.	Dr. Soumyaranjan Nanda. Dr.Jyothi. KN	Comparative evaluation of microleakage in class II cavities restored with a silorane composite and a packable resin composite with and without the use of a liner- An in vitro scanning electron microscopic study.	2009-2012 Completed
6.	Dr. Mahaveer. Dr. Soumyaranjan Nanda. Dr.Jyothi. KN	Knowledge and attitude of medical doctors towards emergency management of avulsed tooth – A Cross sectional survey.	2009-2012 Completed
7.	Dr. Shanol Crasta Dr.Jyothi. KN	Effect of five commercial mouth rinses on the microhardness of a nanofilled resin composite restorative material: An invitro study.	2010-2013 Completed
8.	Dr. Shanol Crasta Dr.Jyothi. KN	Volumetric analysis of root canals obturated with cold lateral condensation, single cone and thermoplasticized gutta percha techniques using spiral computed tomography- An in vitro study.	2010-2013 Completed

9.	Dr. Sashikanth Dr.Venugopal.P	Effect of total-etch and self-etch adhesives on postoperative sensitivity in occlusal cavities restored with composite resin" – A randomized clinical trial.	2010-2013 Completed
10.	Dr. Sashikanth Dr.Venugopal.P	Evaluation of postoperative sensitivity in class II composite restorations using total-etch & self-etch adhesives. An in-vivo study.	2010-2013 Completed
11.	Dr. Sashikanth Dr.Venugopal.P	Efficacy of various sterilization protocols for Ni Ti rotary endodontic files"-an ex vivo study	2010-2013 Completed
12.	Dr.Mohamed Asrafulla Dr.Jyothi.KN	To access and compare the flow rate of five endodontic sealers: AH plus, Acroseal, Zycal, Tubli seal and MTA filapex. Dental Anxiety levels among patients visiting a dental institute in Tumkur, India- A cross sectional study.	2011-2014 Completed
13.	Dr.Mohamed Asrafulla Dr.Jyothi.KN	Effect of two desensitizing agents following in-office vital tooth bleaching using 35% hydrogen peroxide- A randomized controlled clinical trial.	2011-2014 Completed
14.	Dr. Rajashekar Dr. Venugopal.P	Anti-microbial activity of three endodontic sealers by direct contact test.	2011-2014 Completed
15.	Dr. Rajashekar Dr. Venugopal.P	Effect of needle irrigation, manual dynamic irrigation, sonic irrigation with endoactivator on removal of E. fecalis biofilm- An invitro study.	2011-2014 Completed
16.	Dr.Harikrishna Dr. Jayashankara.CM	Influence of surface conditioning of fiber post with phosphoric acid, hydrogen peroxide and potassium permanganate on push-out bond strength – an in-vitro study.	2012-2015 Completed

17.	Dr.Harikrishna Dr. Jayashankara.C M	Evaluation of knowledge, attitude and practice regarding irrigation protocol among post graduates present in the dental colleges in Bangalore.	2012-2015 Completed
18.	Dr.Harikrishna. Dr. Arun Dr.Venugopal.P	Knowledge and attitude of endodontic postgraduate students toward sterilization of endodontic files – A cross-sectional study.	2012-2015 Completed
19.	Dr. Viny Feba Dr. Jyothi.KN	Dental anxiety levels among patients visiting Sri Siddhartha Dental College and Hospital, Tumkur – A cross sectional survey.	2012-2015 Completed
20.	Dr. Vivek Dr.Venugopal.P	Comparison of shear bond strength of zirconia to tooth dentin using resin based luting cements and resin modified GIC – An in-vitro study.	2013-2016 Completed
21.	Dr. Vivek Dr.Venugopal.P	Gutta percha disinfection – A KAP sstudy among post graduate students in Endodontic and microbial assay of GP cones.	2013-2016 Ongoing
22.	Dr. Akhil Dr.Jyothi.KN	Bulk fill Vs Incremental fill posterior resin composites – An in-vitro comparison for microleakage and tensile bond strength to coronal dentin.	2013-2016 Completed
23.	Dr. Akshay Dr. Jyothi.KN	Assessment of canal centering ability and canal transportation of protaper universal, protaper next and twisted files using CBCT – An in-vitro study.	2014-2017 Ongoing
24	Dr. Akshay Dr. Jyothi.KN	Comparison of antimicrobial efficacy of propolis, neem, triphala, 5% NaoCl on Canada albicans and E.Feacalis biofilm formed on tooth substrate – An in-vitro study.	2014-2017 Ongoing

25	Dr. John Dr.Jayashankara.CM	Comparative evaluation of dentinal crack formation in the root canals, instrumented with hand k flex file, protaper next and self-adjusting rotary files – An in-vitro study.	2014-2017 Ongoing
26	Dr. John Dr.Jayashankara.CM	Effect of shy NM and remin pro on the micro hardness of bleached enamel – An in-vitro study.	2014-2017 Ongoing

Scientific presentations done from the department in various forums.

Dr.Venugopal .P

- Presented paper titled Rotary Ni-Ti files- Single use or Multiple uses? At 26th FODI and 19th IES National Conference, New Delhi on 10-11-2011.
- Presented paper titled Taper versus strength at 28th IACDE & 21st IES - National Conference, Hyderabad on 15-11-2013.

Dr. Jayashankara.CM

- Presented paper titled Tooth in tooth at 28th IACDE & 21st IES - National Conference, Hyderabad on 15-11-2013.

Dr. Anil Kumar.S

- Presented paper titled Nurture the Natural – Reattachment of horizontal tooth fragment at 25th FODI & 18th IES National Conference, Chennai on 10-12-2010.
- Presented paper titled Comparative evaluation of the apical sealing ability and adaptability to dentine of three resin based sealers – An in-vitro study at 28th IACDE & 21st IES - National Conference, Hyderabad on 15-11-2013.

Dr. Sharath Kumar. P

- Presented paper titled Unlock to lock at 28th IACDE & 21st IES - National Conference, Hyderabad on 15-11-2013.

28. Awards /recognitions received at the national and international level by

- **Faculty Chairing scientific sessions**

Dr.Jyothi.KN

- Chairperson for a scientific session in XI FODI & IES post graduate convention held at Bangalore on 27th – 29th may 2010.
- Chaired the post graduate symposium titled "Battle of the Bonds" on 31st Aug.2010 at V.S Dental college and Hospital, Bangalore.

- Chairperson for a scientific session in 25th FODI & 18th IES National Conference, Chennai on 10-12-2010.
- Chairperson for a scientific session in 29th IACDE & 22st IES - National Conference, Jaipur on 04-12-2014.

Dr.Venugopal.P

- Chairperson for a scientific session in XI FODI & IES post graduate convention held at Bangalore on 27th – 29th may 2010.
- Chairperson for a scientific session in 25th FODI & 18th IES National Conference, Chennai on 10-12-2010.

Dr.Jayashankara.CM

- Chairperson for a scientific session in XI FODI & IES post graduate convention held at Bangalore on 27th – 29th may 2010.

Dr.Sharath Kumar.P

- Chairperson for scientific session in 28th IACDE & 21st IES - National Conference, Hyderabad on 15-11-2013.

- Students

Award	Year	Students
Session Best paper – First prize	04-06-2015 at IACDE and IES PG convention held at Ghaziabad.	Dr.Vivek 2nd year PG Student

30. Seminars/ conferences/ workshops organized and the source of funding (National/ international) with details of outstanding participants if any.

CDE organized

- Interaction and demonstration of RACE NITI Rotary system by Dr.Sunil Rao on 16/09/10 at Sri Siddhartha Dental College, Tumkur.
- K3 rotary file system conducted by Dr. Vinod Kumar on 21/09/10 at Sri Siddhartha Dental College, Tumkur.
- "Clinical Excellence – V" by Dr.Jyothi.KN, Dr. Sharaschandra Reddy, Dr.Jayashankara.CM and Dr.Sharath Kumar.P on 23-10-2013 at Sri Siddhartha Dental College, Tumkur.

- "Clinical Excellence – IX" – Endo-Restorative Continuum on 19-11-2014 by Dr. Nandakishore, Dr. Dharam Hinduja , Dr.Venugopal, Dr.Jyothi.KN and DR. Kashinath.KR at Sri Siddhartha Dental College, Tumkur.

31. Code of ethics for research followed by departments- as per Institutional review board.

32. Student profile program –wise

2012-2015 subject results – II BDS Pre-clinical operative dentistry

Year	Appeared				Passed				%			
	July		Jan		July		Jan		July		Jan	
	M	F	M	F	M	F	M	F	M	F	M	F
2012	14	22	-	-	14	22	-	-	100	100	-	-
2013	06	21	01	01	06	21	01	01	100	100	100	100
2014	09	15	-	01	09	15	-	01	100	100	-	100
2015			04	05			04	05			100	100

2012-2015 subject results – IV BDS Conservative Dentistry & Endodontics

Year	Appeared				Passed				%			
	July		Jan		July		Jan		July		Jan	
	M	F	M	F	M	F	M	F	M	F	M	F
2012	04	02	-	-	04	02	-	-	100	100	-	-
2013	19	06	-	02	19	06	-	00	100	100	-	00
2014	11	17	-	05	10	15	-	05	91	88	-	100
2015			06	04			03	03	50	75		

2012-2015 subject results – MDS Conservative Dentistry & Endodontics

Year	Appeared				Passed				%			
	May		Oct		May		Oct		May		Oct	
	M	F	M	F	M	F	M	F	M	F	M	F
2011	01	01	01	00	00	01	01	-	00	100	100	-
2012	-	-	02	00	-	-	02	-	-	-	100	-
2013	01	01	-	-	01	01	-	-	100	100	-	-
2014	02	-	-	-	02	-	-	-	100	-	-	-
2015	01				01				100			

33. Diversity of students

Name of the program	% of students from the same university	% of students from other universities within state	% of students from other universities outside the state	% of students from other countries
MDS	-	8 students (66%)	4 students (33%)	-

34. How many students have cleared Civil services and defense services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELT San other competitive examinations ? NONE

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Year of admission 2009-10 – 2 Students 2011-12 – 1Student

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university/college	14%
From other universities within the state	71%
From universities from other states	14%
From universities outside the country	-

37. Number of faculty who were awared M. phil, DM, PhD. D.Sc and D.Litt. during the assessment period---none

38. Present details of departmental infrastructural facilities with regard to

a) Library text books - 62,

Seminars: 120

Library dissertations: 9

Main dissertations: 9

b) Internet facilities for staff and students: yes

c) Total number of class rooms: 1 seminar room

d) Class rooms with ICT facility and smart class rooms: ----None

e) Students laboratories ------yes available.

UG preclinical lab can accommodate 30 students/practical sessions. PG preclinical lab can accommodate 4 students/practical sessions.

f) Research laboratories-----None

39. List of doctoral, post doctoral students and research associates

a) From the host institution/ university----None

b) From other institution/ university----None

40. Number of post graduate student getting financial assistance from university. ---- None

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. None

42. Does the department obtain feedback from

r. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed profromance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analyesed and the outcome of analysis is communicated to the board of service for further needful.

s. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

t. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List of the distinguished alumni of the department (maximum 10):

44. Give details of student enrichment programs (special lectures/ workshops/ seminar) involving external experts.

CDE and IDM conducted periodically by the institution as listed in question no 5 and question no 26.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching: discussions, case analysis, theory classes, surgery observation.

- Use of power point display for theory classes
- Demonstrations on patients
- Patient case discussion with radiographs and other diagnostic tests.
- Surgery observation.
- Discussion in clinics
- Use of dental operating microscope for evaluation of cavity preparations , restorations and access preparation for root canal treatment

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? :

- Conducting Internal Assessments periodically
- Posting end practical exams in clinics.
- Repeat examinations for average students.

47. Highlight the participation of students and faculty in extension activities.

- Participation and presentations in CDE programmes conducted at various dental colleges.

48. Give details of "beyond syllabus scholarly activities" of the department – Enrishment programmes by Internal and External faculty.

49. State whether the program /department is accredited /graded by other agencies? If yes give details - None

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Research work done by the post graduates and faculty of the department contribute towards new information.

51. Detail major strengths, weaknesses, opportunities and challenges (SWOC) of the department

	Strength	Weakness	**Opportunities**	**Challenges**
Education	Audio visual aids for lecture classes. Preclinical lab separately for PGs and UGs. Department library facility.	The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.	Certificate courses in Endodontics and Esthetic Dentistry. Phd programmes in Conservative Dentistry and Endodontics.	Clinical setup for extended education programmes.
Teaching	Sufficient teaching faculty as per DCI regulation		Establishment of enrichment programmes for internees and PGs. Introduction of problem based learning (PBL)	Establishing the required infrastructure.
Administration	Departmental meetings are conducte		Upgrade internet connection.	Interdepartmental communication with local area network

	d periodically. Theory and practical classes are conducted as per the schedule. Department library is maintained for effective utilization by PGs and staffs. Theory and practical examinations are conducted regularly and periodically. Student progress report to			(LAN). Laptops for individual staff.

	the parents. parent – teacher meeting			
Research/Extension	Adequate clinical material. Dental operating microscope, Intraoral camera and RVG for research purpose.		Utilization of research funds provided by the University. Recognize the research opportunities in other colleges of our own university.	Recognize the external resources and funding for research.
Infrastructures	Adequate infrastructure for UG & PG students with separate cubicles in PG section.		Computers for OPD and recruitment of receptionist. Expansion of fecilities to staff. Expansion of seminar halls	Provide individual laptops to staff. Upgrade department library – expansion of area, cushioned chairs, and improved seating

				arrangements.
Innovation	Viva-voce cards for UG students to conduct oral examination which includes all the topics with easy, moderate & difficult questions providing a fair chance for all the students to perform well.		Continuous performance assessment cards for students. Inclusion of MCQs in the theory examination.	Changes in the curriculum as per the present need
Collaborations/ Linkages	Utilization of microbiology		Collaborations with IISC and other	Establish collaborations

	department in SSMC for research. Linkages with MS Ramaiah Dental college for CBCT images.		National & International Universities.	

52. Future plans of the department

- Establish microsurgery clinic.
- Procure lasers and train the faculty and students in clinical applications of lasers

	2015-16	2016-17	2017-18	2018-19	2019-20
Education	Enrichment programmes/CDE programmes for internees and post graduate students	certificate course/ PG diploma in Endodontics	certificate course/ PG diploma in Aesthetic dentistry	certificate courses on lasers in endodontics	Recognition of all the courses.
TLE	Use of audio visual aids for power point presentatio	Creation of a teaching schedul	Bringing innovations in the clinical	Upgrading the Wi-Fi network to	Creating a gallery type lecture halls

	n in the lecture classes. Use of models, radiographs for case discussions. Collecting the feedback from the students to improve the communication skills Student evaluation done by conducting internal assessment both in theory and practical periodically. Assessment and evaluation of the teaching pattern based on	e on problem based learning.	examinations by adding contemporary treatment options along with DCI regulations and permissions.	enhance E-learning. Facilitating conduction of webinars.	with LCD projectors, acoustics system along with smart boards

	current trends in the field, like introduction of micro dentistry for under graduate students.				
Administration	To create paperless case records for post graduate students.	Digitalization of staff teaching schedule. (E-Teaching Dairy)	To install CC TV cameras in the department and laboratories.	Maintaining paperless out patients record of the department.	Online patient appointment and creation of department website for interactions.
Research/ Extension	Conducting research methodology workshops for internees and involving them in	Encouraging the department faculty to start with new research	Developing memorandum of understanding (MOU) with other dental and	Developing and training the department team to involve in systema	Aiming at getting ICMR approved research projects

	research projects.	projects every year.	research institutes to enhance research facilities	tic review and meta-analysis.	
Infrastructure And services	LCD Acoustics and change in seating arrangement with cushioned chairs in all the lecture halls	Podium, stage, acoustics and air condition in the seminar halls	Reception unit with advanced technology and trained receptionist to keep patient records.	Cubical with all facilities and working area for each PG student	Separate surgical unit in the PG clinic with air condition and all high end facilities.
Innovation					
Collaborations Linkages	Interdepartmental collaboration for patient treatment	Collaboration with medical college for research work	Collaboration with other dental colleges for research work	Collaboration with IISc.	Improving the communication with already established collaboration

Sri Siddhartha Academy of Higher Education
(A Deemed to be University) Established under section 3 of the UGC Act, 1956,
Vide MHRD GOI No. F.9-31/2006-U.3 (A) Dtd. 30/05/2008

Evaluative Report of Departments
Sri Siddhartha Institute of Technology

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Evaluative Report of Departments

Sri Siddhartha Institute of Technology

SL NO	Evaluative Report of Departments	PAGE NO
1.	Department Of Electrical and Electronics Engineering	610
2.	Department Of Electronics & Communication Engineering	632
3.	Department Of Civil Engineering	679
4.	Department Of Mechanical Engineering	700
5.	Department Of Master of Computer Applications	716
6.	Department Of Information Science & Engineering	765
7.	Department Of Computer Science and Engineering	735
8.	Department Of Industrial Engineering & Management	782
9.	Department Of Medical Electronics Engineering	813
10.	Department Of Telecommunication Engineering	829
11.	Department Of Chemistry	867
12.	Department Of Physics	896
13.	Department Of Mathematics	891

Evaluative Report of Electrical And Electronics Engineering

1. **Name of the Department** : Electrical and Electronics Engineering
2. **Year of establishment** : 1980
3. **Is the Department part of a School/Faculty of the University?**

Yes, Faculty of Engineering

4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,)**

Programme	**Specialization**
B.E.	Electrical and Electronics Engineering
M.Tech.	Computer Applications in Industrial Drives
Ph. D.	Electrical and Electronics Engineering

5. **Interdisciplinary courses and departments involved: Yes.**

Name of Programme	**Departments Involved**
B.E. Electrical and Electronics Engineering	Civil Engineering
	Mechanical Engineering
	Electronics and Communication Engineering
	Computer Science and Engineering
	Physics
	Chemistry
	Mathematics and Humanities
M.Tech. Computer Applications in Industrial Drives	Mathematics

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programmes / courses discontinued, if any, with reasons:- Nil

8. Examination System

UG (Electrical and Electronics Engineering) - Semester Based Credit System.

PG (Computer Applications in Industrial Drives) - Semester Based Credit System.

9. Participation of the department in the courses offered by other departments.

Sl. No.	Interdisciplinary courses offered	Names of the Departments involved
1.	Basic Electrical Engineering	B.E in CSE, ME, CV, ECE, TCE, ISE, ML, IEM

10. Number of teaching posts:

Positions	Sanctioned	Filled
Professors	**04**	**04**
Associate Professors	-	-
Assistant Professors	**12**	**12**

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D. students guided for the last 4 years
Dr. B. Rajesh Kamath	**Ph.D.**	**Prof. and Head**	**High Voltage Engineeri**	**35**	**5 purs**

		Dean (Academics)	ng		uing
K.L.Ratnakar	M.Tech.	Professor	Power Systems	30	-
Capt. L. Sanjeev Kumar	M.Tech.	Professor	Power Systems	23	-
Dr. G.S. Sheshadri	Ph.D.	Professor	Power Systems	25	-
N. Pradeep	M. Tech.	Asst. Prof.	Software Engineering	15	-
C. Jouhar	M. Tech.	Asst. Prof.	Power Systems and Power Electronics	09	-
K. Sreenath	M. Tech.	Asst. Prof.	Electrical Energy Systems	13	-
K.R. Jagadisha	M. Tech.	Asst. Prof.	Digital Electronics	09	-
D. Raviprasad	M. Tech.	Asst. Prof.	Power System Control	13	-
G. N. Shilpa	M.E.	Asst. Prof.	Power and Energy Systems	08	-
B.S. Yogananda	M. Tech.	Asst. Prof.	Computer Applications in Industrial Drives	10	-
S.K. Girish	M. Tech.	Asst. Prof.	Digital Electronics	10	-

J. Shriharsha	**M. Tech.**	**Asst. Prof.**	**Power Electronics**	**5**	**-**
K.R. Punitha	**M. Tech.**	**Asst. Prof.**	**Power Electronics**	**3**	**-**
G. Nayana	**M. Tech.**	**Asst. Prof.**	**Energy Systems**	**3**	**-**
K. Madhu	**M. Tech.**	**Asst. Prof.**	**Power Systems**	**3**	**-**

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors-

Nil

13. Percentage of classes taken by temporary faculty – programme-wise information-

Nil

14. Programme-wise Student Teacher Ratio

Name of programme	Student Teacher Ratio
B.E. Electrical and Electronics Engineering	15:1
M.Tech. Computer Applications in Industrial Drives	10:1

15. Number of academic support staff (technical) and administrative staff.

Positions	**Sanctioned**	**Filled**
Technical Staff	**4**	**4**
Administrative Staff	**3**	**3**

16. Research thrust areas

Thrust areas of research in the department are:

1. Insulation and High Voltage Engineering
2. Power Systems
3. Power Electronics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Name of the project	Name of the Investigator	Funding Agency	Period	Amount
Insulator Testing and Measuremnet	**Dr. B. Rajesh Kamath**	**KCTU, Govt. of Karnataka**	**3 years**	**31.45 Lakhs**

18. Inter-institutional collaborative projects and grants received

1. **National Collaboration: Nil**
2. **International Collaboration: Nil**

19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.;** total grants received: KCTU, Govt. of Karnataka has funded the research grant to the tune of Rs. 31.45 Lakhs.

20. Research facility / centre with

State recognition: NIL

National recognition: NIL

International recognition: NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

International publications: 7

2012-2013

1. Dr. B. Rajesh Kamath - European Scientific Journal, Smart DC Micro grid for effective utilization of Solar Energy, Oct 2012.
2. Shriharsha. J - International Journal of Engineering Science & Innovative technology (IJESIT). Voltage source converter based HVDC transmission" ISSN: 2319-5962, ISO 9001: 2008, September 2012.
3. Shriharsha. J - International Journal of Engineering Science & Innovative technology (IJESIT). "Short term load forecasting using time series analysis, A core study for Karnataka, India". September 2012.
4. Shilpa. G.N - International Journal of Engineering Science & Innovative technology (IJESIT). "Short term load forecasting using time series analysis, A core study for Karnataka, India". September 2012.

5. Shilpa. G.N - International Journal of Engineering Science & Innovative technology (IJESIT). Voltage source converter based HVDC transmission" ISSN: 2319-5962, ISO 9001: 2008, September 2012.
6. Jagadisha. K.R, Raviprasad. D, Girish. S.K- European Scientific Journal, Smart DC Microgrid for effective utilization of Solar Energy, Oct 2012.

2010-2011

G.S. Sheshadri, "Condition Monitoring Of a model 500VA transformer" International Journal of Applied Engineering Research, Vol.5, No.13, pp. 2203-2210, 2010.

Name	Total No. of Journal Publications	Total No. of Conference Publications	No. listed in international database (Google Scholar, Etc.)	Citation Index	SNIP	SJI	Impact factor	h-Index
Dr. B. Rajesh Kamath	04	15	01		---	---	1.463.2	------
K.L.Ratnakar	02	08			------	------	3.231.962	59
Capt. L. Sanjeev Kumar	05	12			------	------	1.4631.463	------
Dr. G.S. Sheshadri	03	06			---	0.13	1.8233	3
N. Pradeep	1	4			-	-	1.38	
C. Jouhar		04						
K. Sreenath		02						
K.R. Jagadisha	02	05			---	---	3.2	4.4
D.	02	06	02		---	---	3.2	4.4

Raviprasad								
G. N. Shilpa	03	03	02		--- ---	--- ---	1.91 1.91	--- ---
B.S. Yogananda	03	05	01		--- ---	--- ---	1.463 1.452	11 ---
S.K. Girish	01	04			---	---	3.2	4.4
J. Shrihar sha	02	04	02		--- ---	--- ---	1.91 1.91	--- ---
K.R. Punitha		02						
G. Nayana		02						
K. Madhu		01						

Sl.No.	Name of the faculty member	Monographs Authored	Chapters Authored in books	Books edited	Books Authored with ISBN
1	K.L.Ratnakar	-	All	-	Electrical Power Transmission and Distribution 978-81-224-3599-3
2	K.L.Ratnakar	-	-	1	Electrical, Electronics and computer engineering, 978-81-224-3161-2

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated

Name of Project	Principal Investigator/ Co Principal	Funding Agency	Period	Consultancy Fee	Status

	Investigator				
Third party consultancy work	Dr. B. Rajesh Kamath/ L. Sanjeev Kumar	Govt. of Karnataka	3 years	10000	Ongoing

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

Sl.No	Name of the Faculty	Role of the faculty in developmental activities
1	Dr. B. Rajesh Kamath	Member, BoS and BoE Malnad College of Engineering (Autonomous), Hassan
2.	Prof. L. Sanjeev Kumar	Member- BoE, PES College of Engineering, Mandya
3.	Dr. G. S. Sheshadri	Member-BoE Malnad College of Engineering (Autonomous), Hassan
		Member- BoE Siddaganga Institute of Technology (Autonomous), Tumkur

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify) - NIL

27. Faculty recharging strategies: Faculties are encouraged to participate in seminars, conferences, workshops, STTPs, Summer/winter schools, and Training programmes.

Faculties are motivated to attend

- Workshops.
- Seminars.
- National & International Conferences.
- Industrial Training.
- In house Seminars.

28. Student projects:

2014-2015 15(UG)

2013-2014 15(UG)

2012-2013 14(UG)

2011-2012 12(UG)

2010-2011 12(UG)

Sl. No.	Name of the Programme	Percentage of students who have done in-house projects including Inter-departmental	Percentage of students doing projects in collaboration with Industries/Institutes
1	B.E. Electrical and Electronics Engineering	90%	10%
2	M.Tech. Computer Applications in Industrial Drives	70%	30%

29. Awards / recognitions received at the national and international level by

- **Faculty :**

Dr. G.S Sheshadri – Best Paper Presentation award twice (National)

Students:

1. Sgt. Supritha.J.C.–Awarded one of the best cadet in 6/4 COY KAR BN, Tumkur in the year 2014.
2. Sgt. Supritha.J.C.–Awarded DDG (Deputy Directorate General) Commendation cards for Mountaineering- 'A' Grade in the year 2015.
3. Cdt. Shreyas -Attended National Integration Camp. Duration: 10/10/2014 to 21/10/2014 at Bandel (West Bengal).
4. Shilpa. H.M. – Best paper Presentation award (National)
5. Sneha Nalatwad - Best paper award (National)

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No	**Title**	**Period**	**Funding Agency**
1	National Conference NCDDEE13	2 days	TEQIP
2	Power Electronics	1 Week	TEQIP
3	HVDC Transmission	1 Weak	TEQIP
4	FACTS	1 Week	TEQIP

5	Advanced Control Systems	1 Week	TEQIP
6	Transmission & Distribution	1 Week	TEQIP
7	Fuzzy Logic and Its Applications In Power Systems	1 Week	TEQIP
8	Switchgear and Protection	1 Week	TEQIP
9	National Conference-NCDDEE14	2 days	TEQIP
10	Special Electrical Machines	3 days	TEQIP
11	Utilization of Electrical Power	1Week	TEQIP
12	Energy Auditing and Demand Side Management	3 days	TEQIP
13	Advanced Microprocessors	3 days	TEQIP
14	New Trends in Power Systems	2 days	TEQIP
15	New Trends in Electric Drives	3 days	TEQIP
16	High Voltage Engineering	3 days	TEQIP
17	Solar Energy	3 days	TEQIP
18	Electrical Power Generation	3 days	TEQIP
19	Hydro Power Generation	1 week	TEQIP
20	Wind Power Generation	3 days	TEQIP
21	Modeling and Analysis using MATLAB/LABVIEW	3 days	TEQIP

31. Code of ethics for research followed by the departments:

The Department is committed to undertake research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research.

32. Student profile Programme-wise:

Admitted batch of Intake

Prog.	2010-11		2009-10		2008-09		2007-08	
UG	Total	Pass percentage	Total	Pass percentage	Total	Pass percentage	Total	Pass percentage
	56	69.6	49	63.2	59	84.7	59	81.3

Prog.	2012-14		2011-13		2010-12	
PG	Total	Pass percentage	Total	Pass percentage	Total	Pass percentage
	18	100	18	87.5	17	100

33. Diversity of students:

Name of the Course	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Tech. Computer Applications in Industrial Drives	18%	82%	nil	nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

ACADEMIC YEAR	Number of students who opted for higher studies with valid qualifying scores/ranks
2012-13	14
2011-12	12
2010-11	10

35. Student progression

Student progression	Percentage against enrolled
UG to PG	20%
PG to Ph.D.	05%
Ph.D. to Post-Doctoral	nil

Employed	• Campus selection • Other than campus recruitment	20% 70%
Entrepreneurs		2%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	94
from universities from other States	6

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of infrastructural facilities with regard to

Present details about infrastructural facilities

a) Library

b) Internet facilities for staff and students

c) Total number of class rooms

d) Class rooms with ICT facility

e) Students' laboratories

f) Research laboratories:

Sl. No.	Name of the Infrastructural Facility	Quantity / Details
1	Library	Books - 950 National & International Journals - Centralized E-Journals - IEEE, Elsevier
2	Internet for staff	Available (2 MBPS with 2GB data BSNL leased line Wi-Fi)
3	Internet for students	Available (2 MBPS with 2GB data BSNL leased line Wi-Fi)
4	Number of class rooms	5
5	Classrooms with ICT facility	Computer equipped with internet facilities and also LCD projectors arrangements(70 seats)

Sl.No.	Name of the Infrastructural Facility	Quantity / Details	
6.	Students' laboratories	Name of the Lab	Major Equipment
		Analog Electronics	DRB, DCB and DIB. Dual power supply (0-30) VRPS (0-30V, DC), Signal Generator Cathode Ray Oscilloscope Multimeters
		Digital Electronics	Digital IC trainer kit IC tester Cathode Ray Oscilloscope
		Transformers and Induction Machines	Single Phase Transformer: 2kVA, 1kVA. Three Phase Transformer: 2kVA, 1kVA. Single Phase Induction Motor: 1.1 kW, 1.5HP, 1440RPM, 230 V, 9.2A. Three Phase Induction Motor : 7 k W, 5HP, 1440 RPM, 415 V, Three Phase Squirrel Cage Induction Motor : 3.7 k W, 5HP, 1440 RPM, 415 V, 7.3A Three Phase Slip-Ring Induction Motor: 3.7 k W, 5HP, Rotor voltage: 165V, Rotor current:13.5 A. Ammeter, MI :1/2 A, 5/10 A, 10/20 A, MC : 5/10 A, Voltmeter, MI: 0-30/60V, 0-300 V, 0-600 V. MC: 0-300 V, Wattmeter : 30/60 V, 1/2 A, LPF, 150 V, 5/10 A, LPF. 300/600V, 5/10 A, UPF. Rheostats : 0- 50 ohms, 3 Phase autotransformer, 1-Phase autotransformer. Resistive load. Tachometer.

		DC machines & Synchronous Machines	D.C. Shunt Generator, 5KW, 6.8 HP, 1500RPM. D.C. Shunt Motor, 5KW, 6.8 HP, 1500RPM. D.C. Compound Generator, 5KW, 6.8 HP, 1500RPM. D.C. Compound Motor, 5KW, 6.8 HP, 1500RPM. D.C. Series Generator, 2.2KW, 3 HP, 1500RPM. D.C. Series Motor, 2.2KW, 3 HP, 1500RPM Salient pole Rotating Field Alternator :5KVA, 415V, 1500RPM Salient pole Rotating Armature type Alternator :5KVA, 415V, 1500RPM Synchronous Motor (star connected) : 3 KVA, 400 V, 4.3 A, 1500 RPM Ammeter, MC :1/2 A, 5/10 A, 10/20 A, MI : 5/10 A, 10/20 A, Voltmeter, MC: 0-30V, 0-300 V, 0-500 V. MI: 0-300 V, 0-600 V. Rheostats: 0-38 ohms, 0- 50 ohms, 0-600 ohms. 0-750 ohms 3 Phase autotransformer. Inductive load, Resistive load. Tachometer.
		Microcontrollers	8051 Microcontroller trainer kit Elevator Simulator Keyboard Interface Stepper Motor + Power Supply Module (5V,1A) 7 Segment Display DC Motor + Power Supply Module (5V,1A) Dual Digital to Analog Converter(DAC) with Power Supply for DAC
		Circuit Simulation and Measurements	Current Transformers Phase Shifter Wattmeter, Voltmeter, Ammeter Kelvin's Double bridge

			Galvanometer
		Power System Simulation	It is well equipped to conduct the Programs as per the curriculum. Manuals are provided. Software Used: Windows XP SP2 Professional, MATLAB, Mi-POWER. System Configuration: Intel PIV Processor
		High Voltage	Inverse over current relay- 0-25A, 230V Fuse wire testing kit: Auto transformer (0 - 230V), Ammeter (0 - 10 A) Breakdown voltage set up for uniform and non-uniform field electrodes for HVAC / HVDC: HV transformer (230 V – 50KV), Point and Plane electrodes. Sphere gap arrangement for HVAC / HVDC: HV transformer (230 V – 50KV), spheres, thermometer, Pressure gauge. Numeric under / over voltage relay testing kit: Relay(rated 410V), Autotransformer (0 - 600V) Solid state under/ over relay testing kit: Relay (rated 110V). Equipotential field lines plotting Kit Transformer oil testing kit
		Controls System	D.C. Servomotor speed-Torque study unit, DC Voltmeter (0-30V). AC servomotor speed-Torque study unit, AC voltmeter (0-300V), DC Voltmeter (0-10V).

			Lead-lag compensator module PID Controller-module Cathode Ray Oscilloscope. Synchro transmitter and receiver pair module Multimeter. System Configuration: Intel PIV Processor Software Used: MATLAB.
		Power Electronics Lab	DC motor, MOSFET chopper module. Stepper motor with power supply module. SCR, IGBT, MOSFET, TRIAC with power supply module. Single phase controlled converter module, SCR triggering unit. AC voltage controller module. RC triggering unit for half wave and full wave. UJT triggering unit for half wave and full wave rectifier. Induction motor. Parallel inverter (center tap transformer type-30v/2A), Series inverter (30v/2A). Digital triggering circuit, single phase auto transformer, isolation transformer ,Dual power supplies (0-30v), power supplies (0-30v), Multimeters, Tachometers, stop watch, lamp loads, DRB, DIB.
7.	Research/Project Lab	High Voltage	

39. **List of doctoral students (No.s only)**

- from the host university Doctoral :7
- from other universities :5

40. Number of post graduate students getting financial assistance from the university?

Nil

41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

Single window counseling based on the demand of the programme, considering the suggestions given by the stakeholders, Discussion with the Management, Principal, Deans and HoDs.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on staff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department

Name	Positions
Dr. Pradeep M Nirgude	Joint Director, UHVRL, CPRI, Hyderabad
Chandrashekharaiah	Superintending Engineer, BESCOM, Govt. of Karnataka, Bengaluru
Hanumantharayappa	Superintending Engineer, CESCOM, Hassan
Kalpana K.R	Manager, HP Ltd., Bengaluru
Sanjay Kumar Arya	Asst. Commissioner, Dept. of Commercial Tax. Govt.

	of Uttar Pradesh, Varanasi.
Sujatha	Asst. Executive Engineer, BESCOM, Govt. of Karnataka, Bengaluru.
H.G. Ramesh	Vice- President, Tech Mahindra, Bengaluru
Prof. M.G. Srinivasa	Prof. & Head, Dept. of EEE, HMSIT, Tumkur
C. Sreemali	Head-HR, Ethnus Consultancy Services Pvt. Ltd, Bengaluru
Basavegowda. B.N	Deputy Electrical Inspectorate, Govt. of Karnataka, Bangalore.
N. Pradeep Kumar	Asst. Director, KPCL, Govt. of Karnataka Bengaluru
Vipul Kumar	Director- Founder Institute, Head-Centre of Innovation , KPIT Technologies Ltd. Bengaluru

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures and seminars by external experts are conducted in the department time to time. The following are the few enrichment programmes conducted by the department during the last 5 years.

Sl.No	Name of the event	Description	Date
1	Life Skills	ISTE-SSIT chapter organized three days seminar.	March 11th to 13th 2011.
2	Technical seminar Quiz	ISTE-SSIT student Chapter has conducted a competition.	April 18th 2011.
3	Technical Essay writing and Technical Cartooning competition	ISTE-SSIT student Chapter has conducted a competition.	April 20th 2011.
4	**TANTRA-2011**	ISTE student chapter organized TECH-FEST.	November 24th and 25th 2011.
5	**Technodia**	State level project exhibition – cum – competition.	May 2014.
6	Modeling and	Three days workshop for UG and	Feb. 4th-7th 2015

	Analysis using MATLAB and LABVIEW	PG students	
7	TANTRA 2015	organized by ISTE Student chapter	March 9th -10th 2015
8	Talk on "CADD & its application in the field of E&EE"	Organized by Department of EEE	March 14th ,2015
9	A Talk on "Career guidance"	Organized by Department of EEE	April 29th,2015
10	Key Note Address on "Recent advances in Power Transformers and Distribution transformers"	Organized by Department of EEE	May 7th, 2015

45. List the teaching methods adopted by the faculty for different programmes

Conventional teaching methods, Assignments, Quizzes, Power Point presentation, Audio Visual Seminars and Charts, Interactive Teaching methods, Field visits are the most commonly used teaching methods in the department. Further students are also encouraged to participate in student organized workshops and conferences and undergo internship during summer as part of curriculum. The post graduate students and research scholars are encouraged to give seminars.

46. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Tests, Mid-term Examination, Assignments, Quizzes, Seminars, Project Work and End-term Examinations.

47. Highlight the participation of students and faculty in extension activities.

- Awareness of electrical components in rural Government schools.
- Blood Donation Camps, Social Services
- Swachh –Bharat programme through NSS
- Planting Saplings
- NCC
- ISTE, IEEE, IE (I) activities
- Visiting Orphanages

48. Give details of "beyond syllabus scholarly activities" of the department.

- Guest lectures from eminent persons in Industry and Academia
- Industrial Visits, Visit to Power Plants etc.
- The department encourages students to participate in various national and international conferences to present their work and attend courses.
- Department encourages students to organize symposia and cultural activities every year.
- Awareness of electrical components in rural Government schools.
- Active participation in ISTE, IEEE, IE (I) activities.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Sl. No.	Name of accredited/ graded agencies
1	National Board of Accreditation, New Delhi

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

As per the publications, completed and ongoing projects and the service rendered by the faculty in the administration at various capacities.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1) The Department has well qualified and experienced staff members
2) The academic potential of the faculty is very high.
3) All the faculty are pursuing Ph.D.
4) Well equipped Laboratory, Library and internet facility.
5) Faculty with doctorates are engaged in guiding the research scholars.
6) Recognized as research centre by SSAHE, Tumkur.
7) Department has post graduate programme on Computer Application in Industrial Drives
8) Funded projects from various funding agencies.
9) Seminar/Workshops/Conferences are organized every year.
10) Publishing research article in referred journals and conferences.
11) The department is recognized as third party evaluation centre for government works in Tumkur District.

12) The Department has constant Interaction with Industries.

Weaknesses:

1. The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present..

Opportunities:

1. Tumkur is very nearer to Bangalore, the department has ample opportunities to reach several major industries and to grow in contributing to the technology, development need of the industry.
2. Alumni interaction with the students and staff which leads to the growth of new technology interaction in the department.
3. Most real life problems require contributions from engineers.
4. Faculty development opportunities.

Challenges:

1. Relatively better standard students' intake to excel in their career.
2. Making the students aware of the latest developments in Electrical & Electronics Engineering.
3. Overall development of average students admitted, to a complete marketing product as engineers.

52. Future plans of the department.

- Considerable no. of Publications in refereed journals
- Increase the strength of faculty with Ph.D.
- M.O.U with electrical core companies.
- More Funded projects.
- Consultancy Cell.
- To have Patents.

Evaluative Report of Electronics & Communication Engineering

1. **Name of the Department :** Electronics & Communication Engineering
2. **Year of establishment :** 1980
3. **Is the Department part of a School/Faculty of the university?**

   Yes, Faculty of Engineering
4. **Names of Programmes / Courses offered (UG, PG, Ph.D.)**

Sl. No.	No. Name of the Programs offered	Remarks (U.G / P.G / Ph.D)
1	B.E (4 Years) Electronics & Communication Engineering	U.G
2	M.Tech., (2 Years) Digital Electronics	P.G
3	M.Tech., (2 Years) VLSI & Embedded Systems	P.G
3	Ph.D.	Part Time/Full Time

5. **Interdisciplinary courses and departments involved:**

Name of Programme	Department involved
B.E. Electronics & Communication Engineering	**Electronics & Communication Engineering**
M.Tech., Digital Electronics	Computer Science and Engineering Electronics & Communication Engineering
M.Tech., VLSI & Embedded Systems	Electronics & Communication Engineering

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.z** Nil
7. **Details of programmes / courses discontinued, if any, with reasons** Nil
8. **Examination System**

Sl. No.	Interdisciplinary courses offered	Names of the Departments involved
1	Basic Electronics	B.E in CSE, ME, CV, EEE, TCE, ISE, ML, IEM

9. a) **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)**

U.G. – Electronics & Communication Engineering		
	Sanctioned	**Filled**
Professor	2	2

Associate Professors	3	3
Asst. Professors	15	15

b) Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

P.G. – Digital Electronics		
	Sanctioned	**Filled**
Professor	1	--
Associate Professors	2	1
Asst. Professors	2	1
P.G. – VLSI & Embedded Systems		
	Sanctioned	**Filled**
Professor	1	-
Associate Professors	2	1
Asst. Professors	2	1

10. Faculty profile with name, qualification, designation, specialization

* No. of Scholars doing Research

U.G. – Electronics & Communication Engineering					
Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Experience**	**No. of Ph. D. students guided in the last 4 years**
Dr. M. Z. Kurian	Ph.D	Professor & Head & Registrar (SSAHE)	Software Engineering	32	*6
Prof. T. S. Bharath Kumar	M.E.	Professor	Power Electronics	28	-
DIVYA PRABHA	M.S. BITS, (Ph.D)	Associate Professor	Software Systems	18	-
SANDRA	M.S.BITS	Associate	Software	17	-

BENJAMIN		Professor	Systems		
BASAVARAJA M C	M.S.BITS	Associate Professor	Electronics & Control Insturmentation Engineering	16	-
SUNIL T D	M. Tech.(Ph. D.)	Assistant Professor	Electronics	12	-
VINUTHA C B	M. Tech.(Ph. D.)	Assistant Professor	Digital Communication Engineering	10	-
ANITHA DEVI M D	M.Tech.,(Ph.D.)	Assistant Professor	Digital Electronics & Communication	10	-
SREERANGAPPA M	M. E.(Ph.D)	Assistant Professor	Power Electronics	10	-
MANJULA Y	M. Tech.(Ph. D.)	Assistant Professor	Digital Electronics	9	-
G JYOTHI	M. Tech.(Ph.D)	Assistant Professor	Digital Electronics	10	-
SHYLA M K	M. Tech.(Ph.D)	Assistant Professor	Digital Electronics	8	-
ASHWINI S S	M. Tech.	Assistant Professor	CAID	8	-
PRAVEEN KUMAR Y.G.	M. Tech.(Ph. D.)	Assistant Professor	VLSI & Embedded System Design	5	-
SAVITHA C	M. Tech.	Assistant Professor	Digital Electronics	4	-
B N RAVISIMHA	M. Tech.	Assistant Professor.	Digital Electronics	4	-
PRAVEEN M	M. Tech.	Assistant Professor	VLSI Design	4	-
TESSY TOMY	M. Tech.	Assistant	Embedded	3	-

		Professor	Systems		
AMRUTH ASHOK GADAG	M. Tech.	Assistant Professor.	Digital Electronics & Communication	3	-
MURALIDHARA S S	M. Tech.,(Ph. D.)	Assistant Professor	Power Electronics	3	-

P.G. – Digital Electronics					
Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Experience**	**No. of Ph. D. students guided in the last 4 years**
Dr. M.Nagaraja	Ph.D.	Associate Professor	Electronics	05	-
M.V Chidanandamurthy	M.Tech.,(Ph.D.)	Assistant Professor	Digital Electronics	08	-

P.G. – VLSI & Embedded Systems					
Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Experience**	**No. of Ph.D. students guided in the last 4 years**
M C Chandrashe	M.E,(Ph.D.)	Associate Profess	Digital	18	-

khar		or	Electronics		
M N Sharada Gupta	M.Tech.,	Assistant Professor	VLSI & Embedded Systems	04	-

10. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors - NIL

11. Percentage of classes taken by temporary faculty – programme-wise information: Nil

12. Programme-wise Student Teacher Ratio

Sl. No	Programme	Student Staff Ratio
1	UG	17:1
2	PG	10:1

13. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Sl.	Staff Category	Sanctioned	Filled
1	Technical Staff	**5**	**5**
2.	Academic Staff	**2**	**2**
3.	Administrative Staff	-	-

14. Research thrust areas

Thrust areas of research in the department are:

1. Thin Film Devices
2. VLSI Design
3. Embedded Systems
4. Power Electronics
5. Image and Video Processing
6. Signal Processing
7. Software Engineering

15. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

a) National Funding Agencies

Sl. No	Project Title	Name of the Faculty	Project Title	Name of the Faculty	Project Title
1	NIL	NIL	NIL	NIL	NIL

b) International Funding Agencies

Sl. No	Project Title	Sponsored Agency	Sanctioned	Project Title
NIL				

Total Grants Received : NIL

Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: **NIL**

16. Research centre with

a. International Recognition : NIL

b. National Recognition: NIL

c. State Recognition: NIL

Publications: * number of papers published in peer reviewed journals (national / international):

Electronics & Communication Engineering – UG

17. Special research laboratories sponsored by Management / created by industry or corporate bodies NIL

18. Publications

International Journals (PG):

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
1	Dr. M. Z.Kurian	Various Object Recognition Techniques for Computer Vision	Journal of Analysis and Computation	Vol 7 Pp: 39-47	2011	1.032
		Effect of Multiwall Carbon Nanotubes on Electrical and Structural Properties of Polyaniline, 1882-1885,	Journal of Electronic Materials Year-2012	0361-5235	2012	1.675
		Implementation of IEEE 1588 (PTP) synchronization messages timestamping base on FPGA	World journal of science & Technology, 2012	ISSN-2231-2587	2012	1.326
		FPGA implementation of Aa DWT and AES Processor for secure Image	IJEEE 2012	ISSN: 2331-5284 Vol-2	2012	1.5487

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Coding				
		VLSI Architecture and implementation for 3D Neural Network based image compression	IJARCET 2012	ISSN: 2278-1323	2012	2.793
		Intergrated real-Time Applications For ATM Security System (PN:133-137)	International Research Journal of Mobile & Wireless Communication 2012	ISSN: 2249-6491 Vol-3, Jan-April	2012	2.38
		A Quadrature amplitude modulated Radio Receiver based on software defined radio standard for multiple channels	AES 2012	ISSN: 0975-6779	2012	0.831
		Simulation of Routing for 3D Mesh Networks Using	IJITEE June-2013	ISSN: 2278-3075	2013	1.276

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Randomized Partially Minimal Routing				
		Hand Segmentation Using Camshift Algorithm	IJGIP May 2013	ISSN: 2211-9387	2013	3.56
		An Effective Algorithm for Tracker Operation for Gesture Recognition System	IJAREEIE July 2013	ISSN: 2320-3765	2013	1.686
		FPGA Implementation of GLCM 2618-2621	IJAREEIE June 2013	ISSN: 2320-3765	2013	1.686
		Implementation of a GMSK Communication System on FPGA using Distributed Algorithm	IJAREEIE June 2013	ISSN: 2320-3765	2013	1.686

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Texture Feature Extraction of Video Frames using GLCM	IJETT June 2013	ISSN: 2231-5381	2013	1.276
		Implementation of Digital Frequency Synthesizer in Communication System on FPGA	IJETT – June 2013	ISSN: 2331-5381	2013	1.276
		Adaptive Router Design for Networks-On-Chip on FPGA using Buffer Resize Technique	IJETT July 2013	ISSN: 2231-5381	2013	1.276
		Noc Implementation using Generalized de Bruijn Graph	IJERT	ISSN: 2278-0181	2013	1.323

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Network Interface Design and Implementation for NoC on FPGA with advanced Hardware and Networking Functionalities, p.325-330	IJEAT Year-2013	2249 – 8958	2013	1.757
		MAC based adaptive edge detection filter MRI applications	International Journal of Engineering Trends and Technology (IJETT) June 2013	ISSN No. 2231-5381	2013	1.276
		Design and implementation of an area efficient Interleaver for MIMO-OFDM Systems	IJETT July-2013	2231-5381	2013	1.276
		FPGA Implementation of wavelet	IJETT July-2013	2231-4381	2013	1.276

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		based SC-FDMA system.				
		Implementation of Adaptive MAC Protocol in WSN using Network Simulator -2	IJSETR Dec-2013	ISSN: 2278-7798	2013	1.323
		Hardware Implementation of High performance face detection engine for real time processing	IJCOT July-2013	2249-2593	2013	0.421
		FPGA Implementation for Image Steganography Technique using X-Box Mapping	IJCOT June-2013	2249-2593	2013	0.421
		FPGA implementation of X-Box	IJARECIE June 2013	ISSN: 2320-3765	2013	1.326

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		mapping for an Image steganography Technique				
		Study of IEEE 802.15.3c Transceiver.	IJCOT June-2013	2249-2593	2013	0.421
		FPGA implementation of IEEE 802.15.3c Transceiver.	IJAREEIE June-2013	2278-8875	2013	1.686
		Design of Efficient SOC Bus Based on WISHBONE	IJAREEIE June-2013	ISSN 2320-3765	2013	1.686
		Simulation of Routing for 3D Mesh Networks Using Randomized Partially Minimal Routing	IJITEE June-2013	ISSN:2278-3075	2013	1.276
		Implementation of Routing for 3D	IJESC July-2013	ISSN: 2250-1371	2013	1.878

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Mesh Networks using Randomized Partially Minimal Routing				
		FPGA Implementation of MPLS (PN:120-122)	I JITEE June-2013	ISSN: 2278-3075	2013	1.276
		Design & Implementation of MPLS for Ethernet Packets on FPGA	I JITEE Aug 2013	ISSN: 2277-4106 Aug 2013	2013	1.276
		Study of MPLS over ATM Network	IJAREEIE June-2013	ISSN: 2320- 3765	2013	1.686
		Implementation of ATM Packets over MPLS Network on FPGA	IJCOT June-2013	ISSN: 2249-2593	2013	0.421
		Design of Dual Cryptography Encoder(	IJCOT July-2013	ISSN: 2231-5381 2013	2013	0.421

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		PN-2918-2920)				
		FPGA Implementation of Hybrid Cryptography Engine For Communication Systems (PN:3242-3244)	IJCOT July-2013	ISSN: 2320-3765 2013	2013	0.421
Sl. N	**Name of the Authors**	**Title of Paper**	**Name of Journal**	**Page No. & Volume**	**Year of publication**	**Impact Factor**
2	Dr. M. Nagaraja	Electrical, structural and magnetic properties of polyaniline/pTSA-TiO_2 Nanocomposites, p.718–722	Synthetic Metals	0379-6779 Year-2009	2009	2.256
		Structural Optical and	International Journal of Electrochemi	1452-3981 Year-2009	2009	1.956

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Electrical Properties of Vacuum Evaporated Indium Doped Zinc Telluride Thin Films, p.369-376	cal Science			
		Electrical and structural properties of polyaniline/pTSA-ZnO Nanocomposites, p.332-336	International Journal of Engineering Science & Research	2230-8504 Year-2011	2011	2.212
Sl. N	**Name of the Authors**	**Title of Paper**	**Name of Journal**	**Page No. & Volume**	**Year of publication**	**Impact Factor**
3	M C Chandrashekhar	FPGA Implementation of GLCM 2618-2621	IJAREEIE June 2013	ISSN: 2320-3765	2013	1.686

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Implementation of a GMSK Communication System on FPGA using Distributed Algorithm	IJAREEIE June 2013	ISSN: 2320-3765	2013	1.686
		Texture Feature Extraction of Video Frames using GLCM	IJETT June 2013	ISSN: 2231-5381	2013	1.276
4	M V Chidanandamurthy	Various Object Recognition Techniques for Computer Vision	Journal of Analysis and Computation	Vol 7 Pp: 39-47	2011	1.245
5	Divyaprabha	Adaptive Router Design for Networks-On-Chip on FPGA using Buffer Resize Techniqu	IJETT July 2013	ISSN: 2231-5381	2013	1.276

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		e				
		Noc Implementation using Generalized de Bruijn Graph	IJERT	ISSN: 2278-0181	2013	1.326
6	T D Sunil	Implementation of IEEE 1588 (PTP) synchronization messages timestamping base on FPGA	World journal of science & Technology, 2012	ISSN-2231-2587	2012	1.326
		MAC based adaptive edge detection filter MRI applications	International Journal of Engineering Trends and Technology (IJETT) June 2013	ISSN No. 2231-5381	2013	
		Change Requirement Traceability Based On Impact Analysis	International Conference on Emerging Research in Computing, Information, Communication and Applications(ERCICA-14) Elseveir		2014	

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Change Requirement Traceability based Impact Analysis Methodology to evaluate Object-Oriented Software Systems	International Journal of Combined Research & Development	ISSN No. 2321-2241	2014	0.471
		A Methodology to evaluate Object-Oriented Software Systems Using Change Requirement Traceability based on Impact analysis	International Journal of Application or Innovation in Engineering & Management (IJAIEM)	ISSN 2319 - 4847	2014	1.731
		Change Requirement Traceability based Impact Analysis Methodology to evaluate	International Journal of Combined Research & Development (IJCRD)	eISSN:2321-225X;pISSN:2321-2241	2014	0.471

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Object-Oriented Software Systems				
		A Methodology to evaluate Object-Oriented Software Systems Using Change Requirement Traceability based on Impact analysis	International Journal of Software Engineering & Applications (IJSEA)	ISSN: 0975-9018	2014	2.05
7	C B Vinutha	Design and implementation of an area efficient Interleaver for MIMO-OFDM Systems	IJETT July-2013	2231-5381	2013	1.276
		FPGA Implementation of wavelet based SC-FDMA system.	IJETT July-2013	2231-4381	2013	1.276
		Implementation of	IJSETR Dec-2013	ISSN: 2278-7798	2013	

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Adaptive MAC Protocol in WSN using Network Simulator -2				
8	Anithadevi M D	Hardware Implementation of High performance face detection engine for real time processing	IJCOT July-2013	2249-2593	2013	0.421
9	Manjula Y	FPGA Implementation for Image Steganography Technique using X-Box Mapping	IJCOT June-2013	2249-2593	2013	0.421
		FPGA implementation of X-Box mapping for an Image steganography	IJARECIE June 2013	ISSN: 2320-3765	2013	1.878

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Technique				
10	Jyothi G	Implementation and simulation of CMOS Two stage operational amplifier	IJAET Jan-2013	ISSN: 2231-1963	2013	1.66
		Study of IEEE 802.15.3c Transceiver.	IJCOT June-2013	2249-2593	2013	0.421
		FPGA implementation of IEEE 802.15.3c Transceiver.	IJAREEIE June-2013	2278-8875	2013	1.686
11	Ashwini S S	Design of Efficient SOC Bus Based on WISHBONE	IJAREEIE June-2013	ISSN 2320-3765	2013	1.686
		Simulation of Routing for 3D Mesh Networks Using Randomized Partially Minimal	IJITEE June-2013	ISSN:2278-3075	2013	1.276

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Routing				
		Implementation of Routing for 3D Mesh Networks using Randomized Partially Minimal Routing	IJESC July-2013	ISSN: 2250-1371	2013	1.354
12	Praveen Kumar Y G	FPGA Implementation of MPLS (PN:120-122)	I JITEE June-2013	ISSN: 2278-3075	2013	1.276
		Design & Implementation of MPLS for Ethernet Packets on FPGA	I JITEE Aug 2013	ISSN: 2277-4106 Aug 2013	2013	1.276
		FPGA Implementation of MPLS (PN:120-122)	I JITEE June-2013	ISSN: 2278-3075	2013	1.276
13	Savitha C	Study of MPLS over ATM Network	IJAREEIE June-2013	ISSN: 2320- 3765	2013	1.686
		Implementation of ATM	IJCOT June-2013	ISSN: 2249-2593	2013	0.421

Sl. No	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Packets over MPLS Network on FPGA				
14	Ravisimha B N	Design of Dual Cryptography Encoder(PN-2918-2920)	IJCOT July-2013	ISSN: 2231-5381 2013	2013	0.421
		FPGA Implementation of Hybrid Cryptography Engine For Communication Systems (PN:3242-3244)	IJCOT July-2013	ISSN: 2320-3765 2013	2013	0.421

National Journals (UG): NIL

b) Monographs authored, Chapters authored in Books, Books edited , Books authored with ISBN - NIL

c) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Citation Index – range / average, SNIP, SJR, Impact Factor – range / average, h-index

Sl. No.	Name of the faculty member	Number listed in Intl. database (Web of science, scopes science	SNIP	SJR	Impact Factor	Citation index	h-index

		directory etc.)					**x**
1	Dr. M.Z.Kurian						
3	M V Chidanandamurthy						
4	Dr. M Nagaraja						
5	T D Sunil						

* Number of papers published in peer reviewed journals (national / international) :

Electronics & Communication Engineering (UG):

Sl. No.	**Name of the faculty**	**Title of the paper**	**Name of the International Journals**	**Page No. & volume**	**Year of Publication**	**Journal Impact Factor**
	Divya P (8th Sem)	Redtaction based smart card security system for ATM machines	Manipal Institute of Technology , Manipal	--	2015	

*** Monographs authored, Chapters authored in Books, Books edited, Books authored with ISBN - NIL**

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Citation Index – range / average, SNIP, SJR, Impact Factor – range / average, h-index - **NIL**

Details of patents and income generated **: NIL**

19 Areas of consultancy and income generated : NIL

20. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

1. International: Dr.M.Z.Kurian, Lousiana State University, USA.
2. National: M.C.Chandrashekhar,INUP Programme,IIT,Mumbai

21. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No	Name of the Faculty	Role of the faculty in developmental activities
1	Dr. M. Z. Kurian	TEQIP Co-ordinator LIC Committee Member, VTU, Belagavi International Conference Chairperson
2	Prof. T S Bharath Kumar	BOS Member, Dr.AIT, Bengaluru,Nominated by VTU,Belagavai

22. Faculty recharging strategies

- Conducting and attending Faculty Development Programmes
- Programmes/Workshops, Summer/Winter short term courses
- Paper Presentation in National/International Conferences
- Special lectures/Guest lectures

23. Student Projects

2014-2015	**31**	1) Android based sign board detection with image and voice alert system 2) Driver fatigue detection and accident control 3) Distribution network automation for electric power lines 4) Gsm based airport automation 5) Advanced grid control and automation using plc module 6) Transreciever architecture based on ofdm for ieee 802.11a protocol 7) Rfid based location system for forest search and rescue missions 8) Assistive clothing pattern recognition for visually impaired people 9) A novel approach to implement green wave system and detection of stolen vehicles 10) Development of solar power basedautomatic sunlight adjusting system for home 11) Design and development of potato sorting machine using image processing and machine vision 12) Constant voltage regulator for high end application 13) Finger print authentication based electronic voting machine 14) Implementation of hi-tech vehicle security and safety 15) Real time industrial process monitoring and machine status identification and control system with wireless information facility 16) Redtaction based smart security card system for atm machines 17) Smart women safety system for auto rikshaw and cabs 18) Advanced atm/credit card security system using face

		recoginition 19) Multiple bank account embedded atm system 20) Alive human detection using an autonoums mobile rescue robot 21) Tracking and checking cargo container pilferage using electronic lock 22) Automated lpg volume monitoring, alerting and booking system 23) Li-fi based voice communication and device switching 24) Human mouse based on mems 25) Automatic license plate recognition system with gsm communication and gps tracking using image processing and arm 9 26) Navigation by the soles of our feet 27) Automatic control system for air pollution and digital fuel indicators in vehicles 28) Management of mechanical vibration and temperature in small wind turbines using zigbee wireless network 29) Bridge condition monitoring system using wireless network 30) Atm theft control using configurable embedded designs, dynamic password and gsm 31) Communicayion protocol for the guardian system aimed at the protection of mistreated people
2013-2014	**31**	1) Advanced commodity management system" 2) "for farming data collection using a sensor node network with teleagriculture providing the necessary pesticide information and conducting the weekly survey" 3) "automatic broken track detection using led-ldr assembly" 4) "witty minature aerial robot" 5) "a sensor less approach to detect gestures using doppler effect" 6) "e-money technology" 7) "matlab based location identification with android" 8) Color control robot 9) "real-time syatem for monitoring driver vigilance" 10) "wirless shopping trolley based on wirless sensor network" 11) "rfid tag based vehicle" 12) "automatic parking management system based on number plate recognition in official area" 13) "automated control system for air pollution detection in vehicles" 14) "advanced communication system and device control for deomestic appliances for quadriplegics" 15) "descriptive camera with thermal printer interface" 16) "automatic tire inflation system on the move" 17) Smart reliable energy meter 18) Samrt tv: gesture controlled tv 19) Smart shopping cart 20) Wireless portable biometric attendance system with labview front panel (wbas)

		21) Oil absorbing sea swarm vehicle 22) Adnroid based street light control and monitoring system 23) Speech based computer interactive system to monitor industrial voltage and control system 24) Smart advertising systems in modern public transport 25) Embedded car security system using the face recognition 26) Earthquakes and tsunami warning system through gsm and gps network using accelerometer sensor 27) Coin based universal mobile charger 28) Data communication using power line 29) Intelligent street lighting using a zigbee, network of devices and sensors 30) Detection of drunk and expired licence with unauthorized vehicle control system using zigbee 31) Design and realization of a low power converter for wireless charging system for battery charging applications
2012-2013	18	1. Design and implementation of Adaptive public transport system with low cost wireless link and specialized protocol. 2. Touch screen based assistant for Blind 3. Advanced flex sensor and accelerometer based glove for communication and device control for dumb. 4. PIC 18 based Brick kiln Automation with GSM Alerts. 5. Advance Mobile surveillance device run with GPRS for Real time war and Military Applications. 6. Unmanned Ground vehicle for Defense. 7. A novel approach towards Tracking ,Checking fuel pilferage and fuel level monitoring for mobile generator sets 8. Occupancy grid fast SLAMS through navigation sensors. 9. Automated guided Vehicle. 10. Advance controlled load shedding and information dissemination system with per day power consumption limiting and Device controlling. 11. Terrain Mapping Robot for space and Military applications. 12. Bus pile up Avoidance system –BPAS. 13. Biometric Hacking System For Finger print Identification Based Acess Control system 14. Bridge Condition Monitoring system using Wireless network. 15. Text Entry System For Visually Impaired Using MEMS device(with Wire Less Interface) 16. Depth & Distance measuring Robert. 17. A Smart card Based prepaid seed wending machine. 18. Role of Gyro sensor in Attitude Determination and control system for Nano Satellite
2011-2012	36	1. Centralized Bank Security System 2. iCAP – An Alternative to conventional mouse and

		keyboard 3. Creature based touch pad security system with design of touch screen controller 4. Virtual Shuffling keypad for secure electronic gadgets 5. Agriculture Aid Seed-Sprinkling and CROP caring mechanism 6. Home Monitoring System 7. Gesture in Air 8. Advanced Railway Automation 9. Voice Recognition for controlling TV 10. Arm Controller based floor washing Robot 11. Virtual Keyboard design 12. AIR GAP CONTROL IN MAGLEV 13. Machine to Machine failure prediction system 14. Customizable wireless eye controlled Human Machine Interface 15. Embedded Cloud Storage 16. Interactive Voice Response System for College Automation 17. Center of gravity based wheelie 18. A Wireless approach for ICU patients Monitoring system 19. Power System of Nano-Satellite (STUDSAT) 20. Fire Fighting ROBOT 21. RFID Based Equipment / Personnel tracking in Hospitals 22. GSM Based Locker Security system 23. Development of Android Robot Helicopter using accelerometer sensors 24. Event based digital camera with direct memory stick support employing JPEG camera and PIC-32 controller 25. Autonomous Robot with self power monitoring and object recognition 26. Redtactation based integrated safety device for cars 27. Prototyping of Pre-safe system for automobiles during collision 28. Distress informer using local advertisement 29. Smart Power Saver 30. On-board communication and command and data handling for a Nano-Satellite 31. NFC Based smart surveillance system with corruption avoidance 32. Wireless Embedded Harmonic Analysis and Information unit using GSM Technology 33. ARM based Pendrive toPendrive data imaging 34. Wireless based electronic menu and billing system 35. ATM terminal design based on finger print recognition 36. GREEN BEE
2010-2011		1. Wireless Point to point Discontinuous Data Transmission for Combat zones. 2. Automatic Telephone Answering Machine. 3. Black Box for Two Wheelers. 4. Advanced Protective Headgear-Helmet With Smart Bike.

		5. Telepresence Machine. 6. A modular cost-effective mobile ROBOT Navigation System using RFID Technology. 7. Path Planning of a Mobile Robot via Magneto resistive Electronic Compass. 8. Microcontroller based DAM Automation using GSM MODEM. 9. Virtual Reality Demonstration for Robotics. 10. Web Enabled Medical Reporting System. 11. Autonomous Amphibious Robot for Surveillance and Transport. 12. Real Time implementation of Library management and survey. 13. Efficient Route Managing System and Subtesting Mechanism. 14. Upgraded Digital Energy Meter (Using Microcontroller). 15. Humidity Monitoring and Pump controlling system. 16. Power Line Voice Communication. 17. Super Cop Using Zigbee Technology.

- Percentage Of Students Who Have Done Projects In-House

Sl. No	Name of the programme	% of Student
1	B.E.	80%
2	M.Tech.,	20%

- Percentage Of Students Doing Projects In Collaboration With Industries / Institutes

Sl. No	Name of the programme	% of Student
1	B.E	20%
2	M.Tech	80%

27. Awards / recognitions received at the national and international level by

- Dr. M.Z.Kurian - Best Paper Award, ISTE
- Doctoral / post doctoral fellows: - NIL

UG Students:

2013-14

Sl. No.	Student Name	Students Achievements
1	Adarsh Gouda	team Published paper on'' Android based street light control and monitoring'' in State level conference held at Vivekananda college, Puttur 2014 1. Anil, Tejaswini and team demonstrated their project

2	Anil	team demonstrated their project in TECHNODEA state level project exhibition held on 16th and 17th of May 2014
3	Tejaswini	team demonstrated their project in TECHNODEA state level project exhibition held on 16th and 17th of May 2014
4	Karthik R	Karthik.R participated in the event ROBOCORE-2013 at SIT
5	Gaurav Shankar	Gaurav Shankar participated in the Project exhibition conducted by ''Tantra'' SSIT-2013
6	Anil patil and Kiran c.j	Anil patil and Kiran c.j parcipated in Quiz conducted by 'Tantra'' SSIT-2013

2012-13

Sl. No	Student Name	Students Achievements
1	Karthik R	Karthik.R parcipated in Design competation in the event STASIS at KSHITHIJ-2012, IIT Kharagpur.
2	Kharthik R	Karthik.R and Gaurav Shankar participated in the event ROBOCORE-2012 at SIT
3	Gaurav Shankar	Gaurav Shankar participated in the event ROBOTICS in National level symposium-2012 at SIT

2011-12

Sl. No.	Student Name	Students Achievements
1	Suma	Suma and team Published paper in national level conference held at GSSSIT, Mysore

2	Kharthik R and Ravi Chandra E	Karthik.R and Ravi Chandra.E in Design competation in the event STASIS at KSHITHIJ-2011, IIT Kharagpur

28. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Conferences:

Sl. No.	Date	Nature of Activity	Participants	Source of Funding
01.	29/08/2013 & 30/08/2013	National Conference on Advances in Signal Processing, Communications & Networking	46	TEQIP II-1.2

Workshops:

Sl. No.	Date	Nature of Activity	Participants	Source of Funding
		2014		
01.	28/01/2014 To 01/02/2014	A Week workshop on "Digital Image Processing & Its Application"	64	TEQIP II-1.2
02.	06/03/2014 To 08/03/2014	Three Days' workshop on "Technical Documentation Using LaTeX"	91	TEQIP II-1.2
03.	24/04/2014 To 26/04/2014	Three Days' workshop on "Nano-Electronic Devices & Fabrication"	80	TEQIP II-1.2
04.	19/08/2014 To 23/08/2014	A Week Workshop on "Digital System Design Using Verilog"	51	TEQIP II-1.2
05.	05/11/2014 To 07/11/2014	Three Days' workshop on "Emerging Cryptographic Challenges in Multimedia"	50	TEQIP II-1.2
06.	11/12/2014 To 13/12/2014	Three Days' workshop on "VLSI Circuits- Back End Design"	59	TEQIP II-1.2
		2013		
01.	24/04/2013 To 28/04/2013	A Five day workshop on "FPGA Training for Embedded & High Speed Applications"	50	TEQIP II-1.2
02.	24/10/2013 To 26/10/2013	Three days' workshop on "Advanced RISC Machines"	40	TEQIP II-1.2

03.	12/12/2013 To 14/12/2013	Three days' workshop on "DSP & Its Applications"	50	TEQIP II-1.2

Seminars/Webinars/Trainings/Demos:

Sl.	Date	Nature of Activity	Participants	Source of Funding
2015				
01.	03/01/2015	Seminar on Outcome Based Education	14	Internal
02.	10/02/2015	Seminar on IT hardware & Networking by Chetan S, Business Development officer, Jetking, Bangalore at PG-04	108	Internal
03.	16/02/2015	Session on Outcome Based Education	17	Internal
04.	18/02/2015	A Demo on Cortex M3 processor by Naveen Kumar D B, Field Application Engineer, EdGate Technologies has been organized in Image Processing Lab	07	Internal
05.	23/02/2015	Seminar on Outcome Based Education	18	Internal
06.	06/03/2015	Session on Student Information System(SIS) by Mr Praveen Kumar Y G and Mr. Ravi Simha B N has been organized in Image Processing Lab, Scholars building, SSIT.	23	Internal
2014				
01.	10/02/2014	Seminar by Mr. Srinivas Raju, Head, UTL Technologies Bangalore at PG Seminar Hall, SSIT	18	Internal
02.	11/02/2014	Seminar **on"How to Organize the project"**	28	Internal

		by M V Chidanandmurthy, Asst. Porf, ECE at STEP Seminar Hall, SSIT.		
03.	03/05/2014	Seminar on **"Success Through Small Improvements" by Mr.Jagadish Prasad, Former General Manager, Dept. of HR, BEL, Bangalore has been organized by ECE .**	84	Internal
04.	24/11/2014	Outcome Based Education: A Talk has been given by Dr. M Nagaraja & Mr. T D Sunil of ECE Dept. SSIT.	18	Internal
		2013		
01.	08/01/2013 To 10/01/2013	Technical Seminar on Selected Topics by I Sem M.Tech Students	40	Internal
02.	31/01/2013	An Interaction Session by Dr. M. Z Kurian (HOD)	58	Internal
03.	27/05/2013	Seminar **on "Research Methodologies & Latex" by M V Chidanandmurthy & Vinutha C B, Asst. Prof.,Dept. of ECE**	20	Internal
04.	24/06/2013	Seminar **on "Organic Electronics" by Dr. M Nagaraja, Asso. Prof., Dept. of ECE**	19	Internal
05.	11/07/2013	Semainar/Presentation on Outcome Based Education by T .D Sunil, Dept. of ECE	26	Internal
06.	18/09/2013	Semainar/Presentation on Outcome Based Education by T .D Sunil, Dept. of ECE	16	Internal
07.	08/10/2013	Semainar/Presentation on NBA by Dr. Siddappa,HOD, Dept. of CSE	18	Internal

08.	29/09/2013	A general overview of processors and controllers along with its application by Sandra Benjamin, Dept. of ECE	97	Internal
09.	29/09/2013	Basics of C concepts by Mr. Dinesh, Dept. of CSE	97	Internal
10.	08/10/2013	Seminar /Presentation on Outcome Based Education by Dr. Siddappa, HOD, Dept. of CSE	18	Internal
11.	29/10/2013	Demonstration on ORCAD by Diwakar, Prashanth and Vinay Kumar, FTD Automation, Bangalore	33	Internal
12.	14/11/2013	Seminar /Presentation on Outcome Based Education by Dr. Siddappa, HOD, Dept. of CSE	18	Internal
13.	19/12/2013	Seminar on FAB technology by Vinay K U, Micron technologies,BOISE, USA	171	Internal
2012				
01.	10/01/2012	Seminar on "Signal & Image Processing" by Chidanandamurthy M V, Lecturer, Dept. of ECE	14	Internal
02.	06/03/2012	A Webinar on "Artificial Intelligence & Microcontroller Programming"	28	Internal
03.	21/03/2012	Seminar on "Do Engineering" by Mr.Chidananda Murthy M V	19	Internal
04.	27/03/2012	Seminar on "Cognitive Radio & Smart Antennas" by Mr. Srirangappa M	17	Internal
05.	28/03/2012	Seminar /Presentation on Program Educational Objectives & Program Outcomes by T. D Sunil	18	Internal
06.	04/04/2012	Seminar /Presentation on	22	Internal

		Program Outcomes & Objectives by T .D Sunil.		
07.	28/08/2012	Seminar by N M Bhatta of TCS on "Cloud computing".	16	Internal
08.	05/10/2012	Seminar on "Image & Its Application" by Dr. H N Suma,	59	Internal
2011				
01.	18/01/2011	A Webinar on "MATLAB"	40	Internal
02.	31/01/2011	Seminar on "HDL Programming" by Divya Prabh, Asst. Prof., & Ashwini S S, Lecturer, Dept. of ECE	21	Internal
03.	01/02/2011	Seminar on "Advanced Comminucation Circuits" by M C Chandrashekar, Asst. Prof., & Vinutha C B, Lecturer, Dept. of ECE	18	Internal
04.	21/02/2011	Seminar on "Engineering oppurtunities", by T L Purushottam, Lecturer, Dept. of TCE	116	Internal
05.	05/03/2011	Webinar on "Introduction to Simulink"	40	Internal
06.	28/03/2011	Seminar on "VLSI Design Verification" by Shyla M K, Lecturer, Dept. of ECE	18	Internal
07.	11/04/2011	Seminar on "WIMAX" by Anithadevi M D, Lecturer, Dept. of ECE	13	Internal
08.	29/08/2011	Seminar on "Documentation" by Mr.Chidananda Murthy M V, Lecturer, Dept. of ECE	15	Internal
09.	17/10/2011	Seminar on "Research Methodologies & Latex" by Mr.T D Sunil,, Lecturer, Dept. of ECE	19	Internal

31. Code of ethics for research followed by the departments

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research.

32. Student profile course-wise:

UG (ECE)

ACADEMIC YEAR	APPLICATIONS RECEIVED	APPLICATION SELECTED	ENROLLED		PASS PERCENTAGE
			*M	*F	
2011-12	112	94	47	37	Results awaited
2010-11	140	120	88	32	66.66
2009-10	126	104	85	19	60.50
2008-09	138	119	81	38	87.39

*M-MALE, *F-FEMALE

PG(DIGITAL ELECTRONICS)

ACADEMIC YEAR	APPLICATIONS RECEIVED	APPLICATION SELECTED	ENROLLED		PASS PERCENTAGE
			*M	*F	
2013-14	42	18	3	15	Results awaited
2012-13	40	18	10	8	94
2011-12	44	18	9	9	72.22
2010-11	39	18	7	11	88.88

PG (VLSI& EMBEDDED SYSTEMS)

ACADEMIC YEAR	APPLICATIONS RECEIVED	APPLICATION SELECTED	ENROLLED		PASS PERCENTAGE
			*M	*F	
2013-14	40	18	11	7	Results awaited
2012-13	42	18	12	6	100
2011-12	39	18	8	10	94
2010-11	38	18	9	9	88.88

33. Diversity of students:UG(ECE)

ACADEMIC YEAR	% OF STUDENTS FROM THE	% OF STUDENTS FROM THE	% OF STUDENTS FROM

	SAME STATE	OTHER STATES	ABROAD
2014-15	70.23	29.76	NIL
2013-14	90.41	9.58	NIL
2012-13	87.61	12.38	NIL
2011-12	72.34	25.5	NIL

PG(DIGITAL ELECTRONICS)

ACADEMIC YEAR	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM THE OTHER STATES	% OF STUDENTS FROM ABROAD
2014-15	100	0	NIL
2013-14	100	0	NIL
2012-13	100	0	NIL
2011-12	94.44	5.55	NIL

PG(VLSI & EMBEDDED SYSTEMS)

ACADEMIC YEAR	% OF STUDENTS FROM THE SAME STATE	% OF STUDENTS FROM THE OTHER STATES	% OF STUDENTS FROM ABROAD
2014-15	100	0	NIL
2013-14	100	0	NIL
2012-13	100	0	NIL
2011-12	100	0	NIL

Name of the Course (refer question no. 2)	% of students from the College	% of students from the State	% of students from other States	% of students from other countries
2011 – 2012	NIL	NIL	-	-
2012 – 2013	NIL	NIL	-	-
2013 – 2014	17	83	-	-

Student progression	**Percentage against enrolle**

		d
UG to PG		20%
PG to Ph.D.		1%
Ph.D. to Post-Doctoral		NIL
Employed	• Campus selection • Other than campus recruitment	30%
Entrepreneurs		NIL

34. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	10%
from other universities within the State	80%
from other universities from other States	10%

35. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

No. of faculty who were awarded Ph.D	Details of the Faculty
NIL	NIL

36. Present details about infrastructural facilities with regard to Library, Internet facilities for staff and students, Total number of class rooms, Class rooms with ICT facility, Students' laboratories, Research laboratories

Sl. No.	Name of the Infrastructural Facility	Quantity / Details
1	Library	1200 Books
2	Internet facilities for staff	Secured internet with 2GB/ month
3	Internet facilities for student	Secured internet with 1GB /month
4	Total number of class rooms	U.G. 6, P.G. : 2
5	Class rooms with ICT facility	2
6	Students' laboratories	6
7	Research laboratories	1

Sl. No.	Laboratory	Particulars
1	Advanced Communication Lab	Communication Equip
2	Communication Lab	Communication Equip
3	Analog Electronics Lab	Discrete Electronics

4	Power Electronics Lab	SCR,DAC DEVICES
5	CCN & PIC Lab	Programming Lab
6	MC & VLSI Lab	Programming Lab
7	MP LAB	Programming Lab
8	LOGIC DESIGN LAB	Digital Components
9	ADVANCED MP &DSP Lab	Programming Lab
10	HDL Lab	Programming Lab

37. List of doctoral students (No.s only)

a) from the host university Doctoral :6

b) from other universities :6

38. Number of Post Graduate students of the department getting financial assistance from College.TEQIP - 12 students

39. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

a. Discussion with the Management, Director, Principal, Deans & HOD's

b. Based on the demand of the program – single window system.

c. Considering the suggestion given by the stakeholders

40. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of

studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

41. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name of the Distinguished Alumni	Details of Occupation
1	Mr. M V Chidananda Murthy	Asst. Professor,SSIT,Tumakuru
2	Mrs. Manjula Yerva	Asst. Professor,SSIT,Tumakuru
3	Mrs. Sharada Gupta	Asst.Professor,SSIT,Tumakuru
4	Mr. Ravisimha	Asst. Professor,SSIT,Tumakuru
5	Mr. Amruth Ashok Gadag	Asst. Professor,SSIT,Tumakuru
6	Mr. Praveen Kumar Y G	Asst. Professor,SSIT,Tumakuru
7	Mrs. Shyla M K	Asst. Professor, SSIT,Tumakuru
8	Mrs. Savitha C	Asst. Professor, SSIT,Tumakuru

42. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Professional Societies	Engineering Events. Venue and date
2013-14	1. Technical symposium "Samarthya" was organized by IEEE SSIT student chapter which was held on 20 & 21 February 2014. 2. Technical event "Tantra" was organized by ISTE student chapter on 13th-14th mar-2014. 3. Technodea state level project exhibition cum competition 2014 was conducted at SSIT ,Tumkur on Apr-2014.
2012-13	1. Technical Seminar on ROBOTRICKS by Mr.Nitin avasti of Apsis, Paper presentations, technical quiz and Management events were conducted on 18th April 2012. 2. Workshop was conducted on "circuit etching" from IEEE-SSIT Student chapter on 19th Apr 2012. 3. IEEE Student branch counselors met in Bangalore in the month of April-2013 4. Attended Annual General body Meeting on 17th February 2013 held at Bangalore. 5. "SLC-11 student leadership congress" – a two days state level workshop was held on 14th and 15th of September 2013 at Suttur, Mysore. It is a state level work shop in which students of all over Karnataka from various colleges have taken part. Many technical, entrepreneur and management events were organized by IEEE Student chapter.
2011-12	1. "SLC-11 student leadership congress" was held on 22nd and 23rd of October 2011. It was 2 day's state level work shop conducted by IEEE Students chapter. 2. "SAAMARTHYA-12" the annual event is a state level technical Symposium held in the month of November on 21 and 22. which included events like Paper presentation, treasure hunt , quiz , collage , robotics T-shirt painting , management event etc, in which participants from various colleges of Karnataka has taken part, the main motto is to uphold the hidden talents of students in various fields of their interest.

	3. IEEE news letter "ENQUESTA" which stands as a reflection of the hard work and effort of SSIT IEEE student chapter. ENQUESTA attempts to cover all the interesting and innovative researches of technical details. 6. Official launching/creating/uploading of website- SSIT IEEE-2011. 7. A talk on "Research methodologies (Indian continent)" was organized by ISTE-SSIT chapter on 17th Nov 2011. Dr.K.Chidananda gouda, Former vice chancellor, Kuvrmpu University was the guest speaker 8. The IE(I) student Chapter has conducted a Technical seminar Quiz. Competition on 18th April 2011. 9. The IE(I) student Chapter has conducted a Technical Essay writing and Technical Cartooning competition on 20th April 2011.

Contest Date	Participants, title of Paper / Design, venue	Prizes / Awards
2013-14	➢ A National Conference NCASPCN-13 was organized during August 29th to 30th - 2013. ➢ Paper presentation, Quiz, other technical events were conducted in the Technical event SAMARTYA on 20 & 21 february 2014 organized by IEEE student chapter. ➢ Paper presentation, Quiz, other technical events were organized in Technical event TANTRA by ISTE student chapter on13th-14th mar-2014 . ➢ TECHNODIA-State level Project Exhibition cum competition on Apr-2014	organized
2012-13	➢ Paper presentation, Quiz, other technical events were organized by IEEE student chapter(Samarthya). ➢ Paper presentation, Quiz, other technical events were organized by ISTE student chapter(Tantra).	organized
2011-12	➢ Paper presentation, Quiz, other technical events were organized by IEEE student chapter(Samarthya) on November on 21 and 22 .	organized

	➢ Paper presentation, Quiz, other technical events were organized by ISTE student chapter(Tantra). ➢ A annual Technical Event named ELECTROTECH is organized by the department	

Date of Publication	Publication of Technical Magazine / News Letters
2013-14	IEEE student chapter has their own news letter "ENQUESTA" which stands as a reflection of the hard work and effort of SSIT IEEE released on 20th feb-2014.
2012-13	IEEE student chapter has their own news letter "ENQUESTA" which stands as a reflection of the hard work and effort of SSIT IEEE released on 21st NOV-12
2011-12	IEEE student chapter has their own news letter "ENQUESTA" which stands as a reflection of the hard work and effort of SSIT IEEE released on 21st NOV-11.
2013-14	''I Am Secure'' an android application language by Bindu.R in 2014.

43. List the teaching methods adopted by the faculty for different programmes.

1. Black Board Teaching
2. Power Point Presentation
3. Over Head Projector (OHP)
4. Laboratory to Classroom
5. Group Discussions
6. Quiz Program

44. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Surprise test,quiz and Internal test are conducted and evaluated then the performance is analyzed by the subjects handling staff. The difficulties faced by the student and staff are appraised then discusses with HOD and sorts out the problems.

45. Highlight the participation of students and faculty in extension activities.

1. Students are motivated to participate in national level Technical Symposium

2. Workshops, Hands-on training, seminars are conducted for the students to develop their technical skills.
3. Students are encouraged to attend the internship programs and implant training in industries / research institution
4. Students are encouraged to showcase their talents in projects and science Exhibition

46. Give details of "beyond syllabus scholarly activities" of the department.

- College Motivate the student to attend
- Value added Course like Campus Connect by Infosys
- Institution Allows the student for Implant Training, Internship Programs and Industrial Visit every year

47. State whether the programme/ department is accredited/ graded by other agencies. Give details.

NIL

48. Briefly highlight the contributions of the department in generating new knowledge, basic or applied..

As per the publications, completed and ongoing projects and the service rendered by the faculty in the administration at various capacities.

49. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

The College can boast of near perfect academic discipline. There has been no disruption in the Academic Calendar due to disturbances that institutions of higher learning generally experience in India.

2. The College has a dedicated faculty, highly efficient support staff, and a team of monastic members who are available on the campus round the clock and take care of all aspects of the campus, the academic and the personal.
3. The number of publications by the faculty members in the last four years has been commendable.
4. The performance of the students of the College in the national level competitive and entrance examinations has been excellent.
5. The students of the College try to live up to the vow of a Vidyarthi and dedicate themselves fully to the acquisition of knowledge and character building exercise. This

explains the existence of a healthy campus life with no incidence of ragging or any activity that is detrimental to their academic pursuits.

6. The infrastructural support offered by the College to students can compare with the best in this part of the country.
7. The teacher-student ratio, which is perhaps unparalleled in the country, makes it possible for teachers to successfully address individual need of the students.
8. The College is considered a reputed institution of higher learning and this makes it possible to get a great deal of support and co-operation from other institutions of higher learning as well as industrial houses, formally and informally. 9. The College has an active alumni association which works in close co-operation with the College administration. It offers scholarship to the existing as well as passed out students. It also offers medical help to the existing students and needy people belonging to the neighbourhood.
10. The NSS and NCC wings of the College have been very active and have participated with great enthusiasm in activities like blood donation, first aid training, health awareness survey etc.
11. The College receives active co-operation from the parent university (Siddartha University). They have been of great help in running the College by offering their expertise in establishing the administrative and academic set-up in the post- autonomy period. m. The College runs a number of programmes to reach out to the larger community.

Weaknesses:

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities:

1. The level of academic excellence which the College has acquired makes it possible for our students to get entry into institutes of global repute. The College has to devise mechanisms for translating this potential into a reality.

2. The new learning of the age requires greater proficiency in soft skills among students. The College has the necessary technical and infrastructural resources to take this to a higher level.
3. The vision of the College makes it imperative to engage in socially relevant programmes such as organising voluntary blood donation camps, AIDS awareness programmes, and disaster management skills. The College with its resources and networking can ensure students' greater participation in these activities.
4. The College possesses the academic and financial resources to publish peer reviewed research journals. The College is poised to take the initiative in this regard.
5. As an autonomous College, the institution is entitled to offer new Diploma and Certificate courses. The College could not make use of this as the administration was busy putting in place the system required to run an autonomous institution. However a beginning has been made in this direction and more should follow.

Challenges:

1. Making optimal use of existing resources.
2. As a challeingng institution, SSIT has to constantly innovate and adapt to new social, cultural and economic dynamics in various fields in order to remain at the top.
   Increasing awareness amongst parents and potential students as Engineers plays a important role in building nation.

50. Future plans of the department

1. To excel in Research and development activities in the field of Electronics & Communication Engineering
2. To find ECE based solutions for real world problems using current technology
3. To bring sponsored research project from various funding agencies

Evaluative Report Civil Engineering

1. **Name of the Department** :- Civil Engineering
2. **Year of establishment** :- 1979
3. **Is the Department part of a School/Faculty of the university?**

   Yes, Faculty of Engineering

4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,)**

Programme	Specialization
B.E.	Civil Engineering
M.Tech.	Computer Aided Design of Structures (CAD Structures)
Ph. D.	-

5. **Interdisciplinary courses and departments involved** Yes.

Name of Programme	Department involved
B.E. Civil Engineering	Electrical Engineering
	Mechanical Engineering
	Electronics and Communication Engineering
	Computer Science and Engineering
	Telecommunication Engineering
	Medical Electronics
	Physics
	Chemistry
	Mathematics and Humanities
M.Tech. Computer Aided Design of Structures (CAD Structures)	-

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.

   : Nil

7. **Details of programmes / courses discontinued, if any, with reasons**:- Nil
8. **Examination System**

   UG (Civil Engineering) - Semester Based Credit System.

   PG (Computer Aided Design of Structures) - Semester Based Credit System.

9. **Participation of the department in the courses offered by other departments.**

Name of the Programme	Courses offered by the department of	Participation of Civil Engineering department
B.E. Civil Engineering	Civil Engineering	From 3rd Semester onwards
B. E. Electrical Engineering	Electrical Engineering	Elements of Civil Engineering and Applied Mechanics
B.E. Computer Science and Engineering	Computer Science and Engineering	Elements of Civil Engineering and Applied

		Mechanics
B.E. Electronics and Communication Engineering	Electronics and Communication Engineering	Elements of Civil Engineering and Applied Mechanics
B.E. Industrial Engineering and Management	Industrial Engineering and Management	Elements of Civil Engineering and Applied Mechanics
B.E. Information Science and Engineering	Information Science and Engineering	Elements of Civil Engineering and Applied Mechanics
B.E Mechanical Engineering	Mechanical Engineering	Elements of Civil Engineering and Applied Mechanics
B.E. Medical Electronics Engineering	Medical Electronics Engineering	Elements of Civil Engineering and Applied Mechanics
B.E. Telecommunication Engineering	Telecommunication Engineering	Elements of Civil Engineering and Applied Mechanics
M.Tech. Computer Aided Design of Structures	Civil Engineering	Full load

10. Number of teaching posts:

Positions	**Sanctioned**	**Filled**
Professors	**05**	05
Associate Professors	**01**	01
Assistant Professors	**05**	05

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)

Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Experience**	**No. of Ph.D. students guided for the last 4 years**
L Sampath Kumar	M.E	Prof. & HOD	Hydraulics	37	
H P Sudarshan	M.E	Prof.	Structures	39	
S R Ramesh	M.E	Prof.	Construction Technology	26	
Dr. T V Mallesh	M.Tech, PhD	Prof.	Environmental Engg.	28	

Dr. C Rangaraj	M.Sc Engg. Ph.D	Prof.	Hydro Mechanics and Water Resources	22	2 (pursuing)
Dr. D Rajanaik	M.Sc Ph.D	Assc. Prof.	Human Resource	22	
B H Manjunath	M.E	Asst. Prof.	Highway	20	
T S Sahana	M.E	Asst. Prof.	Structures	6	
J V Praveen	M.Tech	Asst. Prof.	Structures	6	
A R Pradeep	M.Tech	Asst. Prof.	Structures	6	
G V Sowjanya	M.Tech	Asst. Prof.	CAD Structures	5	

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors- Nil

13. Percentage of classes taken by temporary faculty – programme-wise information-

Not Applicable

14. Programme-wise Student Teacher Ratio

Name of programme	Student Teacher Ratio
B.E. Civil Engineering	27:1
M.Tech. Computer Aided Design of Structures	18:1

15. Number of academic support staff (technical) and administrative staff.

Positions	**Sanctioned**	**Filled**
Technical Staff	**3**	3
Administrative Staff	**4**	4

16. Research thrust areas

Thrust areas of research in the department are:

1. Environmental Engineering
2. Hydraulics and Water Resources Engineering
3. Human Resources
4. GIS and Remote Sensing

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

List of ongoing projects	2014-2015	1	Standardization of Improved Constant Velocity Weir (chimney weir) for grit chamber outlets – VTU project
	2013-2014	1	Standardization of Improved Constant Velocity Weir (chimney weir) for grit

			chamber outlets – VTU project
	2012-2013	1	Standardization of Improved Constant Velocity Weir (chimney weir) for grit chamber outlets – VTU Project
	2011-2012	1	Standardization of Improved Constant Velocity Weir (chimney weir) for grit chamber outlets – VTU Project
	2010-2011	1	Standardization of Improved Constant Velocity Weir (chimney weir) for grit chamber outlets – VTU Project

Name of the project	Name of the Investigator	Funding Agency	Period	Amount
Standardization of Improved Constant Velocity Weir (chimney weir) for grit chamber outlets	Dr. C Rangaraj and Prof. L Samapth Kumar	VTU Belgaum, Karnataka National	3 Years	2.25 Lakh

18. Inter-institutional collaborative projects and grants received

a) **State Institutions**

Sl No.	Name of the project	Name of the Investigator	Funding Agency	Period	Amount
1.	Application of Isotope Technique in Ground Water Tracing	Prof. L Sampath Kumar (Guide) Student Names: 1. Sachin N S 2. Kiran Kumar M 3. Tanveer G 4. Veeresh	KSCST	01 Year	7500/-
2.	Design of Sluice Spill Way for Proposed Upper Badra Project	Dr. C Rangaraj (Guide) Student Names: 1. Mohan Kumar S 2. Sarath S 3. Punith C 4. Usha S	KSCST	01 Year	5000/-
3.	A Study of Self Compacting	Prof. S R Ramesh (Guide) Student Names: 1. Shridhar M Kulkarni	KSCST	01 Year	5000/-

	Concrete Prepared with Coarse Recycled Concrete Aggregates	2. Praveen Kumar S 3. Vinay M 4. Anand Kishor			
4.	Hydrological Investigation of Surface and Ground Water in and Around Tumkur Using Isotope Technique	Prof. L Sampath Kumar (Guide) Student Names: 1. Pushkar H Kaushik 2. Gourav H N 3. Thanay Kumar 4. Rajath L	KSCST	01 Year	3500/-
5.	Stabilisation Of Black Cotton Soil Using Blended Briquette Fuel Made Of Groundnut Shell Ash, Saw Dust And Coffee Husk	Dr. G Mahesh Kumar (Guide) Student Names: 1. Veena R N 2. Pallavi G B 3. Sabari S 4. Basil Skaria	KSCST	01 Year	5000/-

b) **All India collaboration** - Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

- Nil

20. Research facility / centre with

State recognition: Yes

National recognition: Yes

International recognition: ---

21. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

22. Publications:

International publication	2014-2015	-	
	2013-2014	-	
	2012-2013	1	By Dr. T V Mallesh, topic 'Knowledge and perception of water quality models', Vol.9, No.02 (2012), pp 119-124, journal 'Asian Journal of Water Environment and Pollution'.
	2011-2012	1	By Dr. T V Mallesh, topic 'Evaluation of bacteriological parameters in water using artificial neural network', Vol.10, No.01 (2011), pp 159-166, journal ' Nature Environment and Pollution Technology'.
	2010-2011	3	1. By Dr. M A Nagesh, topic 'Mapping of water and soil quality parameters for irrigation using remote sensing and GIS', Vol.3, No.03, June 2010, pp 398-40, journal 'International Journal of Earth Sciences and Engineering', ISSN 0974-5904. 2. By Dr. T V Mallesh, topic 'Prediction of water quality dependent parameters using artificial neural network', 29(3):461-469 – 2010, journal 'Pollution research, EM International. 3. By Dr. G Mahesh Kumar, topic 'Pollution research, EM International', May 2010,
National publication	2014-2015	-	
	2013-2014	-	
	2012-2013	1	By N Muralidhar, topic 'A comparison of the fracture properties of Self Compacting Concrete (SCC) and Conventional Vibrated Concrete (VCC)', Vol. 2012:2(1) PP 116-121, journal 'Global Journal of Engineering and Applied Science'.

	2011-2012	2	1. By Dr. D Rajanaik, topic 'Impact of HRD climate for Organizational Effectiveness – A study of ESCOMS & KPTCL', Vol. 1.4.2011(1) PP 79-87 ISSN 2249-264X, journal 'Global Journal of Arts and Management'. 2. By Dr. G Mahesh Kumar, topic 'Liquefaction Potential of Sabarmati River Sand', Vol,48,Paper 516, No 2-4, June-Dec 2011 Pp 1-12, journal 'Journal of Earthquake Technology ISET'.
	2010-2011	1	By Dr. G Mahesh Kumar, topic ' Effect of cohesive soil with low plasticity on liquefaction potential of reconstituted sandy soils', Pp 297-300 - Dec 15-17, 2011, Kochi, India, journal 'Indian Geotechnical Conference IGC-2011 (GEOCHALLENGES)'.

Name	Total No. of Journal Publications	Total No. of Conference Publications	No. listed in international database (Google Scholar, Etc.)	Citation Index	SNIP	SJI	Inpact factor	h-Index
L Sampath Kumar	-	-	-	-	-	-	-	-
H P Sudarshan	-	-	-	-	-	-	-	-
S R Ramesh	-	-	-	-	-	-	-	-
Dr. T V Mallesh	03	02	03	-	-	-	-	-
Dr. C Rangaraj	-	-	-	-	-	-	-	-
Dr. M A Nagesh	01	-	ISSN 0974-5904	-	-	-	-	-
Dr. D	-	01	ISBN	-	-	-	-	-

Rajanaik			2249-264X					
B H Manjunath	-	-	-	-	-	-	-	-
Dr. Mahesh Kumar	02	-	ISSN 0974-5904	-	-	-	-	-
T S Sahana	-	01	-	-	-	-	-	-
J V Praveen	-	-	-	-	-	-	-	-
A R Pradeep	-	-	-	-	-	-	-	-
N Muralidhar	01	-	01	-	-	-	-	-
G V Sowjanya	-	-	-	-	-	-	-	-

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated

Name of Project	Principal Investigator/ Co Principal Investigator	Funding Agency	Period	Consultancy Fee	Status
Third party consultancy work and Testing of Materials in various laboratories	Principal Investigator: 1.Prof. L Sampath Kumar 2. Prof. S R Ramesh 3. Dr. T V Mallesh 4. Dr. C Rangaraj Co Principal Investigator: 1. Mr. B H Manjunath 2. Mr. J V Praveen 3. Mr. A R Pradeep 4. Mrs. T S Sahana 5. Mrs. G V Sowjanya	1.District Social Welfare Department and Tribal Department 2. Corporation and Municipal Council 3. PWD 4. Panchayath Raj engg. Dept. 5.Karnataka Rural Infrastructu	10 years	0.46% of estimated cost for the government departmental works and 0.32% for KRIDL works	On going

		re Developme nt limited(KR IDL) Government of Karnataka Public Sectors undertaking s in Karnataka			

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

National:

1. Dr. T V Mallesh, Karnataka State Pollution Control Board (KSPCB), B'lore.
2. Dr. C Rangaraj, Manipal University (research advisory committee expert member).
3. Mr. A R Pradeep, Indian Structural Steel Professional and Academicians Meet, IIT, Hyderabad ,May 2015{one week}.
4. Dr. D Rajanaik, Management Development Programme on Academic Leadership Programme for TEQIP Institutions from 2nd to 7th March 2015 at Indian Institute of Management, Kozhikode, Kerala.
5. Dr. T V Mallesh, attended 4 days Management Training Programme for TEQIP Institutions, Feb, 2015 at Calicut, Kerala.
6. Prof. S R Ramesh, attended National Seminar Recent Developments in Design and Construction for Repair, Rehabilitation and Retrofitting (REDECON) conducted by Association of Consulting Civil Engineers, India at Banagalore.REDECON, Bangalore from 22nd Feb, 2012 to 24th Feb, 2012.
7. Mr. B H Manjunath, attended Short term training program on 'Forensic in Civil Engineering and its fundamentals', JNCE, Shimoga from 21st to 26th July, 2014.

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl.	Name of the Faculty	Role of the faculty in developmental activities
1	Prof. L Sampath Kumar	1.BOS and BOE, Chairmen, Dept. of Civil Engg., SSIT, Tumkur 2.Member, BOS and BOE, SIT, Tumkur
2	Prof. H P Sudarshan	Member, BOE and BOS, SSIT & SIT, Tumkur.
3	Prof. S R Ramesh	Member, BOE & BOS, SSIT, Tumkur & Member, BOE, SIT, Tumkur
4	Dr. T V Mallesh	Member, BOE & BOS, SSIT, Tumkur, Member, BOE, SIT, Tumkur
5	Dr. C Rangaraj	Member, BOE & BOS, SSIT, Tumkur, Member, BOE, SIT, Tumkur

27. Faculty recharging strategies: Faculties are encouraged to participate in seminars, conferences, workshops, STTPs, Summer/winter schools, and Training programmes.

28. Student projects:

2014-2015	12	1. Study of self compacting concrete by using industrial wastes- partial replacement of cement with GGBS and partial replacement of fine aggregate with foundry sand – Guide: Prof. S R Ramesh 2. Study of solid waste management land fill site at Sira town – Guide: Dr. T V Mallesh 3. Design evaluation and comparison of high volume fly ash concrete for M_{60} grade using Neyveli and Raichur fly ash in Pavement overlays – Guide: Mr. B H Manjunath 4. Performance study of SSIT sewage treatment plant – Guide: Dr. T V Mallesh 5. Calibration of chimney weirs – Guide: Prof. L Sampath Kumar 6. An alternative solution in the manufacturing of the bricks – Guide: Mrs. G V Sowjanya 7. Flooding problems in Gali Anjaneya Swamy temple and remedial measures – Guide: Dr. C Rangaraj 8. Case study on Bajaguru making tank bund and its remediation – Guide: Dr. C Rangaraj 9. A case study on comparison between normal concrete and steel fiber reinforced concrete – Guide: Mr. A R Pradeep 10. Use of industrial wastes in manufacturing of self compacted concrete – Guide: Prof. S R Ramesh 11. Design of public sewage system to Kunigal town – Guide:

		Dr. T V Mallesh 12. Use of ceramic wastes in manufacturing of self compacted concrete Guide: Prof. S R Ramesh
2013-2014	9	1. Hydrological investigation using isotope techniques – Guide: Prof. L Sampath Kumar 2. Analysis and design of a shopping mall – Guide: Prof. H P Sudarshan 3. Assessment of water quality in Gubbi taluk – Guide: Dr. T V Mallesh 4. Hydrological Analysis of small watershed using 1DF vurves and runoff modeling using remote sensing and GIS – Guide: Dr. C Rangaraj 5. Design and estimation of high volume high strength fly ash concrete using Navelli fly ash – Guide: Mr. B H Manjunath 6. Stabilization of black cotton soil using lime and flyash as stabilizers – Guide: Dr. G Mahesh Kumar 7. Structural analysis and design of Multistorey commercial building – Guide: Mr. J V Praveen 8. Static linear earth quake analysis and design of multistory commercial building – Guide: Mr. A R Pradeep 9. A case study on use of concrete fibre to improve the strength properties of concrete – Guide: Mr. A R Pradeep
2012-2013	8	1. Attitude effects across the western ghats by isotope techniques – Guide: Dr. C Rangaraj 2. Study of self compacting concrete with partial replacement of coarse aggregates with brick bats – Guide: Prof. S R Ramesh 3. E-waste management in SSIT campus – Guide: Dr. T V Mallesh 4. Hydrological investigations of surface and ground water in and around Tumkur using isotope techniques – Guide: Prof. L Sampath Kumar 5.GIS integrated ground water quality analysis - Guide: Dr. M A Nagesh 6. Reflection cracking studies on Bituminous overlays and cement concrete overlays – Guide: Mr. B H Manjunath 7. Stabilization of black cotton soil using salt as stabilizer – Guide: Dr. G Mahesh Kumar 8. Design of Multi-Storied residential building using STAAD Pro – Guide: Mr. A R Pradeep

2011-2012	13	1. Application of Isotope Technique in Ground Water Tracing – Guide : Prof. L Sampath Kumar 2. A Study of Self Compacting Concrete Prepared with Coarse Recycled Concrete Aggregates – Guide: Prof. S R Ramesh 3. Compilation of Status Report of Underground Water Quality Around Amanikere Tank in Tumkur – Guide: Dr. T V Mallesh 4. Design of Sluice Spill Way for Proposed Upper Badra Project – Guide: Dr. C Rangaraj 5. Determination of Time of Concentration in Urban Area by Isotope Technique – Guide: Dr. C Rangaraj 6. GIS Integrated Revenue Management – Guide: Dr. M A Nagesh 7. High Performance and High Volume of Fly Ash Concrete for Sustainable Development and Gaining Carbon Credits – Guide: Mr. B H Manjunath 8. Stabilization of Weak Soil Using Lime as Stabilizer – Guide: Dr. G Mahesh Kumar 9. Analysis and Design of (G+4) Apartment Using E Tabs – Guide: Mrs. Sahana T S 10. Design of Multi-Storey Building for Seismic Load using STAAD – Guide: Mrs. Sahana T S 11. A Study of Strength Properties of Steel Fibrous Concrete in Comparison with Nominal Concrete – Guide: Mr. A R Pradeep 12. Strength and Behavior of Concrete with Degraded Plastic Coated Aggregate and Manufactured Sand – Guide: Mr. N Muralidhar 13. Effect of parametric variation of chimney weir on flow and salt dilution technique – Guide: Dr. C Rangaraj
2010-2011	9	1. Stabilisation Of Black Cotton Soil Using Blended Briquette Fuel Made Of Groundnut Shell Ash, Saw Dust And Coffee Husk – Guide: Dr. G Mahesh Kumar 2. Dynamics Of Ground Water In Koratagere Taluk Of Tumkur District By Isotope Technique – Guide: Dr. C Rangaraj 3. Mapping Of Water Quality Index And Soil Quality Index Using Gis – Guide: Dr. M A Nagesh 4. Comparative Study Of High Volume Fly Ash Concrete Using Sand And Stone Crusher Dust For Pavement Overlays For Sustainable Development – Guide: Mr. B H Manjunath 5. Solid Waste Management – Guide: Prof. L Sampath Kumar 6. Analysis Of Rainfall And Recharge Determination In Chitradurga – Guide: Dr. C Rangaraj 7. Determination Of Aquifer Parameters – Guide: Dr. C Rangaraj 8. Floating Structure – Guide: Mr. H L Kiran

		9. Effects Of Curing Compound On The Strength Of Standard Grade Concrete Mix – Guide: Mr. K P Suresh

Sl.No.	Name of the Programme	Percentage of students who have done in-house projects including Inter-departmental	Percentage of students doing projects in collaboration with Industries/Institutes
1	B.E. Civil Engineering	92%	8%
2	M.Tech. Computer Aided Design of Structures	-	100%

29. Awards / recognitions received at the national and international level by

2014-2015	2	**TECHNODIA – Project Exhibition Award conducted by SSAHE** 1st Prize is awarded to the project title 'Stabilization of Black Cotton Soil using lime and flyash as stabilizers'. Guided by Dr. G Mahesh Kumr. Students are: a) Bittu Kumar b) Chandrashekar B Adin c) Deepak Kumar d) Rakesh Kumar 2nd Prize is awarded to the project title 'Design and evaluation of high volume flyash concrete using Neyveli flyash'. Guided by Mr. B H Manjunath. Students are: **40.** Abhishek A P **41.** Abhishek N **42.** Pradeepa P M **43.** Kavitha B **44.** Anitha Nandikeshwaranath
2013-2014	1	Mr. Kiran U L (10CV018) got gold medal on Convocation Day at Siddhartha University, Agalkote, Tumkur on 6th October, 2014 for getting 1st rank.
2012-2013	-	
2011-2012	1	1st Prize in technical paper presentation at RASTA – 2011, Bangalore. Cash award Rs.8000/- + a citation. Technical paper presented by Miss. Shirin W and Mrs.Vindhyasree, 8th Sem B.E Civil Students.
2010-2011	-	

Sl.No.	Name of the student member	Awards/Recognition received

		National	International
1	Miss. Shirin W and Mrs.Vindhyasree, 8th Sem B.E Civil Students	1st Prize in technical paper presentation at RASTA – 2011, Bangalore. Cash award Rs.8000/- + a citation	-

Doctoral / post doctoral fellows: --- Nil --

Students: (Rank holders, Publications, Project) –

Mr. U.L.Kiran (USN:10CV018) awarded Gold Medal for Civil Engineering toppers section at SSAHE, Tumkur – 2014.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No	Title	Period	Funding Agency (Teqip)
1.	Hazardous Waste Management	10th May, 2013	TEQIP
2	Infrastructure Development in Civil Engineering – Present State of Art IDCE-2013	20th & 21st September 2013	TEQIP
3	Developments in Design and Construction of Civil Engineering Structures (DDC-CE-2014)	21st, 22nd and 23rd November, 2014	TEQIP

31. Code of ethics for research followed by the departments:

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research.

32. Student profile Programme-wise: 2010-11 admitted batch completing BE in 2013-14 (UG)

2012-13 admitted (PG)

Name of the Course	Admitted		Pass Percentage	
	Male	Female	Male	Female
B.E. Civil Engineering	36	4	22+4(COB) =61.1%	4+1(COB) = 100%
M.Tech. Computer Aided Design of Structures	13	3	13 = 100%	2 = 66.7%

33. Diversity of students (5 years)

Name of the Course	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Tech. Computer Aided Design of Structures	10%	90%	Nil	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Sl. NO.	2013-14	2012-13	2011-12	Remarks
PGCET				
1	**04**	**02**	**07**	
Foreign University				
1	**01**	**03**	**-**	
GATE				
1	**-**	**-**	**01**	

35. Stzdent progression

Student progression		Percentage against enrolled
UG to PG		15.4%
PG to Ph.D.		-
Ph.D. to Post-Doctoral		-
Employed	1. Campus selection 2. Other than campus recruitment	4.5% 95.5%
Entrepreneurs		9%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	10%
from other universities within the State	90%
from universities from other States	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

Sl. No.	Name	Year of Ph.D degree awarded
1	Dr. D Rajanaik	2011
2	Dr. G Mahesh Kumar	2013
3	Dr. M A Nagesh	2013
4	Dr. T V Mallesh	2014

38. Present details of infrastructural facilities with regard to

Present details about infrastructural facilities

a) Library - Departmental Library - 1 No.
b) Internet facilities for staff and students – available for all (Wi-fi zone)
c) Total number of class rooms – UG -4, PG-2
d) Class rooms with ICT facility - --
e) Students' laboratories – 9 No.s
f) Research laboratories: - 01 (Common for all branches)

Sl. No.	Name of the Infrastructural Facility	Quantity / Details
1	Library (Department level only)	Books - 250 B.E Project Work books - 300 M.E Dessertation - 40 E-Journals - IEEE, Elsevier
2	Internet for staff	Wi-Fi zone
3	Internet for students	Wi-Fi zone
4	Number of class rooms	06 No.s
5	Classrooms with ICT facility	-

Sl.No.	**Name of the Infrastructural Facility**	Quantity / Details	
6.	Students' laboratories	Name of the Lab	Major Equipment
		Material Testing Lab	UTM
		Survey Lab	Total Station
		Geology Lab	Crystals and Rocks
		Hydraulics & Hydraulic Machinery lab	Pelton, Francis Turbines
		CAD Lab	Computers
		Geo Technical Lab	Triaxial and Direct Shear Testing Machine

		Concrete Lab	Automatic Compression Testing Machine
		Highway Lab	Marshall and CBR Testing machines
		Environmental lab	UV Spectro Photo Meter
7.	Research/Project Lab	Research lab (common to all braches)	ERDAS Imagine - 2014

39. List of doctoral students (No.s only)

a) from the host university Doctoral :01

b) from other universities : 03

40. Number of post graduate students getting financial assistance from the university?

TEQIP - 06

UGC-SAP – Nil

DST Project – Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Single window counseling based on the demand of the programme, Considering the suggestions given by the stakeholders, Discussion with the management, Principal, Deans and HoDs.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on staff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the instituition for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10)

Name	Positions
Er. N V Ramamurthy	Chief Executive, Techno-Kon and President of Engineers Association, Tumkur.
Dr. Rajendra Prasad	Principal, HMSIT, Tumkur
Dr. Arun Kumar	Director of Technical Education & Project Director, DST, SPFU, Jharkhand
Govind Mundhra	Executive Assistant to MD, Ambuja Realty, Calcutta, West Bengal.
Smt. Pavithra	Assistant Executive Engineer, PWD, Karnataka
Mr. G S Balaji	Senior Vice President, JMC Projects (India) Ltd., Engineers & Constructors, Ahmedabad.
Dr. D L Venkatesh Babu	Principal, United Institute of Technology, Coimbature.
Mr. R K Pandey	Assistant General Manager, Gannon Dunkerley & Co. Ltd., Andheri, Mumbai
Mr. Kaushal Chowdary	International Artist, Lado Sarai, New Delhi.
K S Leelavathi	Assistant General Manager (Irrigation & Water Resources), SECON Company, Bangalore

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures and seminars by external experts are conducted in the department time to time. The following are the few enrichment programmes conducted by the department during the last 5 years.

2014-2015	1	Auto CAD – Course
2013-2014	1	Gubbi Taluk – water quality assessment
2012-2013	1	E-waste Management for SSIT campus
2011-2012	1	Mason training
2010-2011	1	Rainwater harvesting

Sl.No.	Speaker	Topic of Lecture	Date
1.	Er. N V Ramamurthy, CEO, Tekno-Kon Construction Company, Tumkur	Value addition in Civil Engineering	14.05.2015 (Nirmaan 2015)

2.	Dr. B R Srinivasa Murthy, Professor, IISc, Bangalore	Case studies in Geotechnical Projects at Bangalore.	20th September, 2013
3.	Dr. M Someshwara Rao, Senior Scientist, NIH, Roorkee	Isotope Hydrology	5th September, 2011
4.	Dr. A Veera Raghavan, Professor, IIT, Chennai	Advancement in Highway Engineering	21st September, 2013

45. List the teaching methods adopted by the faculty for different programmes

Conventional teaching methods, Assignments, Quizzes, Power Point presentation, Audio Visual Seminars and Charts, Interactive Teaching methods, Field visits are the most commonly used teaching methods in the department. Further students are also encouraged to participate in student organized workshops and conferences and undergo internship during summer as part of curriculum. The post graduate students and research scholars are encouraged to give seminars.

46. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Tests, Mid-term Examination, Assignments, Quizzes, Seminars, Project Work and End-term Examinations.

47. Highlight the participation of students and faculty in extension activities.

- Blood Donation Camps, Social Services
- Swachh –Bharat programme through NSS
- Plant Saplings
- Mason training
- Rain water harvesting awareness
- Awareness of Solid Waste Management
- Campus Sewage Treatment Plant (STP) – awareness
- Study on E-waste Management in the campus.
- Shear Wall construction at Dibbur under Rajiv Gandhi Awaz Yojana.
- Study on Gubbi drinking water quality (status report submitted).

48. Give details of "beyond syllabus scholarly activities" of the department.

- Guest lectures from eminent persons in Industry and Academia
- Industrial Visits, Visit to Power Plants etc.

- The department encourages students to participate in various national and international conferences to present their work and attend courses.
- Department encourages students to organize symposia and cultural activities every year.
- Swachh –Bharat programme through NSS.
- Awareness of modern civil engineering construction equipments and materials – World exhibition 7th international construction equipment and construction technology trade fair at Bangalore.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Yes. NBA Accredited.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

As per the publications, completed and ongoing projects and the service rendered by the faculty in the administration at various capacities.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

- Well qualified and experienced faculty.
- The flair for research has increased manifold since last accreditation in the form of Ph.D.
- Research activities have promoted the department to publish technical papers in seminars and conferences at a greater level.
- Environmental Engineering, Hydraulics & Water Resources Engineering are the thrust areas of research and have earned consultancy projects worth Rs.25 lakhs.
- Most of the students are absorbed for jobs through of campus and on campus placements and have become entrepreneurs.
- Association activities improve students to excel in their skills, abilities and calibers in many ways.

Weaknesses

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities

- Once the student strength reduces to manageable levels, the teachers can focus further on research and guide more research projects.
- Scope for extension of the research carried to reach the society.
- The faculty are being self motivated in the need for writing text books.
- Scope for starting inter-disciplinary programmes.
- Scope for doing inter-disciplinary research projects.

Challenges

- Improve the attitude to learning, basic writing and communication skills etc. among the students.
- Providing more on campus placements.
- Development of new laboratories and expansion of existing laboratories due to special limitation.
- Student counseling has to be focused more for inculcation of values.
- Improve the consultancy and testing in the department.

52. Future plans of the department.

- To start new M.Tech courses.
- Encourage students and staff for research programmes.
- To improve the consultancy cell.
- Enrichment of laboratories with advanced equipments.
- To train students towards the quintessential leap from the course curriculum to a
- challenges in the field.
- To evolve as a dynamic system and strive for continuous improvement.
- To make the department as a center of excellence.
- To bring sponsored research projects from various funding agencies.

Evaluative Report Mechanical Engineering

1. **Name of the Department** :- Mechanical Engineering
2. **Year of establishment** :- 1979
3. **Is the Department part of a School/Faculty of the university?**

   Yes, Constituent college of Sri Siddhartha Academy of Higher Education.
4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,)**

Programme	Specialization
B.E.	Mechanical Engineering
M.Tech.	Thermal Power Engineering
Ph. D.	Mechanical Engineering

5. **Interdisciplinary courses and departments involved** Yes.

Name of Programme	Department involved
B.E. Mechanical Engineering	Civil Engineering
	Electrical and Electronics Engineering
	Electronics and Communication Engineering
	Computer Science and Engineering
	Telecommunication Engineering
	Physics
	Chemistry
	Mathematics and Humanities
M.Tech. Thermal Power Engineering	Mathematics

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.

   : - Yes

   a. Design of Aircraft Structures.

   b. Introduction to Aircraft Engineering

   in collaboration with INFOSYS-CAMPUSCONNECT
7. **Details of programmes / courses discontinued, if any, with reasons**:- Nil
8. **Examination System**

   UG (Mechanical Engineering) - Semester Based Credit System.

   PG (Thermal Power Engineering) - Semester Based Credit System.
9. **Participation of the department in the courses offered by other departments.**

Name of the Programme	Courses offered by the department of	Participation of Mechanical Engineering
B.E. Mechanical Engineering	Mechanical Engineering	From 3rd Semester onwards
B. E. Civil Engineering	Civil Engineering	Mechanical Engg. Sciences Computer Aided Engg. Drawing

		Introduction to Engg. Design Basic Workshop Practice
B.E. Computer Science and Engineering	Computer Science and Engineering	Mechanical Engg. Sciences Computer Aided Engg. Drawing Introduction to Engg. Design Basic Workshop Practice
B.E. Electronics and Communication Engineering	Electronics and Communication Engineering	Mechanical Engg. Sciences Computer Aided Engg. Drawing Introduction to Engg. Design Basic Workshop Practice
B.E. Industrial Engineering and Management	Industrial Engineering and Management	Mechanical Engg. Sciences Computer Aided Engg. Drawing Introduction to Engg. Design Basic Workshop Practice
B.E. Information Science and Engineering	Information Science and Engineering	Mechanical Engg. Sciences Computer Aided Engg. Drawing Introduction to Engg. Design Basic Workshop Practice
B.E Mechanical Engineering	Mechanical Engineering	Mechanical Engg. Sciences Computer Aided Engg. Drawing Introduction to Engg. Design Basic Workshop Practice
B.E. Medical Electronics Engineering	Medical Electronics Engineering	Mechanical Engg. Sciences Computer Aided Engg. Drawing Introduction to Engg. Design Basic Workshop Practice
B.E. Telecommunication Engineering	Telecommunication Engineering	Mechanical Engg. Sciences Computer Aided Engg. Drawing Introduction to Engg. Design Basic Workshop Practice
M.Tech. Thermal Power Engineering	Mechanical Engineering	Full load

10. Number of teaching posts-

Positions	Sanctioned	Filled
Professors	**05**	**05**
Associate Professors	**-**	**-**
Assistant Professors	**10**	**10**

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D. students guided for the last 4 years
Dr. Sanjeevamurthy	Ph.D	Prof. & Head	Machine Design	28	02 + 02
Dr. George Milton	Ph.D	Professor	Thermal	15	02
Dr. Harish Kumar R.	Ph.D	Professor	Machine Design	27	05 + 01
Dr. Prasad T.B.	Ph.D	Professor	Thermal Power Engg.	25	03
Prof. Mahesh C.V.	(Ph.D)	Professor	Thermal Power Engg.	27	-
RavindraSagar C.S.	M.Tech (Ph.D)	Asst. Professor	Machine Design	10	-
Manu S	M.Tech (Ph.D)	Asst. Professor	Thermal Power Engg.	10	-
Gunti Ranga Srinivas	M.Tech (Ph.D)	Asst. Professor	Automation	07	-
Harish S	M.Tech (Ph.D)	Asst. Professor	Product Design & Mnf.	05	-
Bhaskar G	M.Tech (Ph.D)	Asst. Professor	Product Design & Mnf.	07	-
Batluri Tilak Chandra	M.Tech (Ph.D)	Asst. Professor	Product Design & Mnf.	05	-
Puneeth. K.	M.Tech (Ph.D)	Asst. Professor	Product Design & Mnf.	04	-

Annapoorna. T.L	M.Tech	Asst. Professor	Product Design & Mnf.	04	-
Shankar Nag. G.L.	M.Tech (Ph.D)	Asst. Professor	Thermal Power Engg.	09	-
Lohith N	M.Tech (Ph.D)	Asst. Professor	Thermal Power Engg.	06	-

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors Nil-

13. Percentage of classes taken by temporary faculty – programme-wise information

NA

14. Programme-wise Student Teacher Ratio

Name of programme	Student Teacher Ratio
B.E. Mechanical Engineering	(180/(15-1)) = 12:1
M.Tech. Thermal Power Engineering	(36/4) = 9:1

15. Number of academic support staff (technical) and administrative staff.

Positions	Sanctioned	Filled
Technical Staff	**12**	**12**
Administrative Staff	**02**	**02**

16. Research thrust areas

Thrust areas of research in the department are:

1. Materials Research
2. Automative Design, Combustion & Performance Analysis of IC Engines
3. Micro Channel Cooling
4. Bio mechanics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Name of the project	Name of the Investigator	Funding Agency	Period	Amount
DST Project	Dr. C.R.Rajashekar	DST	3 Yrs	15 Lakhs
DSIR Project	Dr. T K Chandrashekar Dr. R Harish Kumar	DSIR	06 Months	0.67 Lakhs

18. Inter-institutional collaborative projects and grants received

a) State Institutions

b) All India collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Department	Amount (Rs.)
Mechanical Engineering	15, 000, 00/-

20. Research facility / centre with

State recognition : ✓

National recognition :

International recognition :

21. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

22. Publications:

Name	Total No. of Journal Publications	Total No. of Conference Publications	No. listed in international database (Google Scholar, Etc.)	Citation Index	SNIP	SJR	Inpact factor	h-Index
Dr. Sanjeevamurthy	06	08						
Dr. George Milton	08	10						
Dr. Harish Kumar R.	06	21						
Dr. Prasad T.B.	05	11						
Prof. Mahesh C.V.	04	17						
RavindraSagar C.S.	00	01						
Manu S	06	15						
Gunti Ranga Srinivas	06	06						
Harish S	01	03						
Bhaskar G	00	00						
Batluri Tilak	01	02						

Chandra								
Puneeth. K.	00	00						
Annapoorna. T.L	00	00						
Shankar Nag. G.L.	01	00						
Lohith N	02	03						

Sl.	Name of the faculty member	Monographs Authored	Chapters Authored in books	Books edited	Books Authored with ISBN
1.	Dr. Harish Kumar R.	---	Modeling & Simulation, Allied Publishers-		ISBN 81-8424-218-2
2.	Dr. Harish Kumar R.	---		Fundamentals of Machine Design by Bernard Hamrock, Tata McGrawHill Publications	

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated

Name of Project	Principal Investigator/ Co Principal Investigator	Funding Agency	Period	Consultancy Fee	Status
DST Project	Dr. C.R.Rajashekar	DST	3 Yrs	15 Lakhs	Finished
DSIR Project	Dr. T K Chandrashekar Dr. R Harish Kumar	DSIR	01 Month	0.67 Lakhs	Finished

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad Nil

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl No	Name of the Faculty	Role of the faculty in developmental activities

1	Dr. R Harish Kumar	Co-ordinator, Engineering Research Cell, SSIT, Tumkur
2.	Dr. Sanjeevamurthy	Member- BoE, Tumkur University
3.	Dr. Sanjeevamurthy Dr. R Harish Kumar Dr. T.B. Prasad Prof. C.V. Mahesh	Member-BoE, Siddaganga Institute of Technology (Autonomous), Tumkur.

27. Faculty recharging strategies: Faculties are encouraged to participate in seminars, conferences, workshops, STTPs, Summer/winter schools, and Training programmes.

28. Student projects:

2014-2015	12	1. Assessment of Mechanical Properties of LM13/B4C Metal Matrix Composite 2. Automatic Pneumatic Bumper and Brake Actuation before Collision. 3. An Exploration Alternate design of automotive front end structure improving both occupant & Pedestrian safety requirements. 4. Development of 4 Wheel 5. active Steering Mechanism . 6. Development of hydraulic ram for fuel free water lifting. 7. Power Generation using thermo electric generator by using Heat Energy in IC Engine. 8. In Bult Hydraulic Jack with Rack & Pinion Mechanism 9. Four Axis Pneumatic Material handling System. 10. Repair, Service & Performance test on four stroke multi cyclinder petrol engine. 11. Pumping of Water using Wind & Solar Energy 12. Setting up of Two Stroke Petrol Engine Test Rig.
2013-2014	18	1. ANIMAL NET GUN USING PNEUMATICS 2. SALT WATER PURIFICATION BY USING SOLAR ENERGY. 3. THREE AXIS PNEUMATIC MODERN TRAILER 4. EXPERIMENTAL INVESTIGATION OF MECHANICAL PROPERTIES OF HEAT TREATED AL6061/SODIUM FELDSPAR COMPOSITE. 5. PORTABLE SOLAR COOLING AND HEATING SYSTEM. 6. HYBRID POWER GENERATOR. 7. FABRICATION AND CHARACTERISATION OF ALUMINUM-SODIUM FLEDSPAR COMPOSITE USING STIR-CASTING METHOD. 8. EXPERIMENTAL STUDY OF VAPOUR COMPRESSION REFRIGERATION FOR DEVICE COOLING. 9. DESIGN AND FABRICATION OF SMALL SCALE

		SUGER CANE HARVESTING MACHINE. 10. TRI-BOLOGICAL STUDIES ON ALUMINIUM ALLOY REINFORCED WITH ALBITE PARTICULATES. 11. MECHANICAL ANYLASIS ON HEAT TREATED AL7075 METAL MATRIX COMPOSITE OF REINFORCED WITH ALBITE PARTICULATE". 12. CONCEPTUAL DESIGN OFPNEUMATICALLY CONTROLLEDBUMPERS. 13. FUEL INJECTION WHEEL" OF AN ARTOUSTE IIIB ENGINE. 14. REGENERATIVE PEDALING USING FLY WHEEL. 15. QUALITY IMPROVEMENT OF ARTOUSTE ENGINE BAFFLE PLATE. 16. HYDRO PNEUMATIC VEHICLE. 17. INVESTIGATION ON THE CAUSES OF OIL PUMP REJECTIONS USED IN CHEETAH/ CHETAK HELICOPTERS AND ITS RESOLUTIONS. 18. MECHANICAL BEHAVIOR OF ALUMINIUM BASED METAL MATRIX COMPOSITES REINFORCED WITH SODIUM FELDSPAR
2012-2013	12	1. Design and development of UAV for surveillance 2. Agriculture aid seed sprinkling and crop care taking mechanism. 3. Electromechanical control of a canter valve actuator. 4. Hybrid scooter. 5. Design and fabrication of Exoskeleton. 6. Development of Bluetooth based screw jack. 7. DOE based optimization of vehicle front end. 8. Tensile and fracture strength analysis in bio composites. 9. Photovoltovic refrigeration system. 10. Study and characterization of natural fiber composites for automotive application. 11. Design and fabrication of mini ornithopter 12. Deve4lopment and characterization of Al-17 Si reinforced with ZrSiO4
2011-2012	08	1. Mechanical properties of natural fibres reinforcement polymer hybrid bio-composites. 2. Electro mechanical control of a cam less valve actuator. 3. Effect of squish on engine emission. 4. Studies on tribological characteristics of Alluminium And MgO MMC. 5. Pipe inspection robot. 6. Design and analysis of body in white in modern sedan cars. 7. Hybrid Scooter. 8. Design and analysis of automotive chasis
2010-2011	08	1. Three Energy souce car. 2. Advanced propulsion technique using electrogravitic principle. 3. Design and analysis of FUSELAGE in aircraft.

		4. Design and analysis of minichannels for cooling electronic devices. 5. Manually operated arecanut cutting machine 6. Scoring and galling on sheet metal formed panels. 7. Effect of surface treatment on the mechanical properties of natural fiber reinforced/epoxy–hybrid bio –composites. 8. Design and fabrication of exoskeleton for human performance augmentation

Sl. No.	Name of the Programme	Percentage of students who have done in-house projects including Inter-departmental	Percentage of students doing projects in collaboration with Industries/Institutes
1	B.E. - Mechanical Engineering	> 80%	< 20%
2	M.Tech. - Thermal Power Engineering	> 70%	< 30%

29. Awards / recognitions received at the national and international level by

Sl. No.	Name of the faculty member	Awards/Recognition received	
		National	International
1			

Doctoral / post doctoral fellows: Students: (Rank holders, Publications, Project)

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No	Title	Period	Funding Agency
Workshops Organized			
1.	A talk on recent trends in mechanical engineering	One day workshop	**TEQIP**
2.	Design Consideration for a transport aircraft.	One day workshop	**TEQIP**
3.	A seminar on finite element methods for heat exchangers	One day workshop	**TEQIP**
4.	Advances in engineering materials	One day workshop	**TEQIP**
5.	CFD through Open Foam-Theory and Practice	Five day workshop	**TEQIP**
6.	FEM in Engineering-Theory and Practice	Three days workshop	**TEQIP**
7.	Polymers & Composite materials	Two days workshop	**TEQIP**
8.	Advances in IC engines	One week workshop	**TEQIP**

31. Code of ethics for research followed by the departments:

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research.

32. Student profile Programme-wise: 2010-11 admitted batch completing BE in 2013-14 (UG)

2012-13 admitted (PG)

Name of the Course	Admitted		Pass Percentage	
	Male	Female	Male	Female
B.E. - Mechanical Engineering	58	02	90%	100%
M.Tech. - Thermal Power Engineering	17	00	90%	00%

33. Diversity of students (5 years)

Name of the Course	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Tech. Thermal Power Engineering	30%	70%	NIL	NIl

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35. Student progression

Student progression		Percentage against enrolled
UG to PG		15%
PG to Ph.D.		2%
Ph.D. to Post-Doctoral		NIL
Employed	• Campus selection • Other than campus recruitment	20% 60%
Entrepreneurs		3%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	5/15 = 34%
from other universities within the State	8/15 = 53%
from universities from other States	2/15 = 13%

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : Three

38. Present details of infrastructural facilities with regard to

Present details about infrastructural facilities

a) Library

b) Internet facilities for staff and students

c) Total number of class rooms

d) Class rooms with ICT facility

e) Students' laboratories

f) Research laboratories

Sl. No.	Name of the Infrastructural Facility	Quantity / Details
1	Library	Books - National & International Journals - E-Journals - IEEE, Elsevier
2	Internet for staff	YES
3	Internet for students	YES
4	Number of class rooms	03 + 02
5	Classrooms with ICT facility	

Sl.No.	Name of the Infrastructural Facility	Quantity / Details	
6.	UG - laboratories	Name of the Lab	Major Equipment
		Basic Workshop Practice	BOSCH Advance Tools
		Computer Aided Engineering Drawing	Solid Edge Software
		Machine Shop	General Machine Tools
		Foundry & Forging Lab	Campsite Furnace
		Heat & Mass Transfer Lab	
		CAD/CAM Lab	Analysis &

			Modeling Software
		Design Lab	Journal Bearing
		Research Lab	
		Tribology Lab	
7.	Research/Project Lab		

39. List of doctoral students (Nos. only)

a) from the host university : 7

b) from other universities : 7

40. Number of post graduate students getting financial assistance from the university?

TEQIP – 05 students of M.Tech.(TPE)

UGC-SAP –

DST Project -

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Single window counseling based on the demand of the programme, Considering the suggestions given by the stakeholders, Discussion with the management, Principal, Deans and HoDs.

42. Does the department obtain feedback from

a. aculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10)

Name	Positions
Mr. Hari Kiran	CEO, Red Salsa Technologies Ltd, US
Mr. Srinivas	Scientist- , DRDO
Mr. Sharath	Program manager, Dassault Systems, France.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures and seminars by external experts are conducted in the department time to time. The following are the few enrichment programmes conducted by the department during the last 5 years.

Sl. No.	Speaker	Topic of Lecture	Date
	Mr Narayana swamy superintendent of poloce	A talk on technology in terrorism and naxalism	12-Mar-2010
	Mr Nagendra director vynyas technologies ,banglore	A talk on recent trends in mechanical engineering	04-May-11
	Dr S Vishvanath former Head structures division NAL Banglore	A talk on design and analysis of aircraft structures.	13-May -11
	Mr Arun chandan A N.project engineer,octamech engineerin limited,Bombay	A talk on carrier development and personality development	24-March-10
	Sri sri Veereshananda saraswthi swamiji sri Ramakrishna matta	A speech on ETHICS	22-March-10
	Ashraf mahmood,general manager,faurecia emission control technologies India pvt ltd banglore	A talk on recent trends in mechanical engineering	18-May 12
	Dr K N seetharamu.prof PES institute of technology banglore	A seminar on finite element methods for heat exchangers	29-Nov-12
	K Vijay kumar deputy director	Technical talk on hands on	22-April-13

	IMTMA banglore	approach to improve your employability	
	DR M Krishna Director research center R V collage of engineering Banglore	One day workshop on advances in engineering materials	30-April -13
	Dr K N Seetharamu, Dr C S Ramesh,Mr G R srinivas	Three day workshop on finite element method in engineering-Theory and practice	3-June -13
	Dr K J Rao,Dr M K veeraiah,Dr K G manjunatha,Prof B A Patil	Two day workshop on polymer and composite materials	25-June-13
	Dr K N seetharamu.prof PES institute of technology banglore	Technical talk on My Experience with FEM in heat transfer	23-Oct-13
	Dr Vidhyadhar Y Mudkavi ,head computational and theoretical fluid dynamics division ,CSIR-national aerospace laboratories banglore	Technical talk on CFD-an overview of the activities at CSIR-NAL	14-Oct-13

45. List the teaching methods adopted by the faculty for different programmes

Conventional teaching methods, Assignments, Quizzes, Power Point presentation, Audio Visual Seminars and Charts, Interactive Teaching methods, Field visits are the most commonly used teaching methods in the department. Further students are also encouraged to participate in student organized workshops and conferences and undergo internship during summer as part of curriculum. The post graduate students and research scholars are encouraged to give seminars.

46. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Tests, Mid-term Examination, Assignments, Quizzes, Seminars, Project Work and End-term Examinations.

47. Highlight the participation of students and faculty in extension activities.

- Awareness of electrical components in rural Government schools.
- Blood Donation Camps, Social Services ✓
- Swachh –Bharat programme through NSS ✓
- GO-GREEN--Plant Saplings

48. Give details of "beyond syllabus scholarly activities" of the department.

- Guest lectures from eminent persons in Industry and Academia
- Industrial Visits, Visit to Power Plants etc.
- The department encourages students to participate in various national and international conferences to present their work and attend courses.
- Department encourages students to organize symposia and cultural activities every year.
- Awareness of electrical components in rural Government schools.
- Swachh –Bharat programme through NSS.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. NBA Accredited.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. (As per the publications, completed and ongoing projects and the service rendered by the faculty in the administration at various capacities).

- Total No. of publications in the last 5 years is 100+
- Two funded research projects have been successfully completed.
- Many student projects carried out in the last 5 years have been sponsored by KSCST.
- Students at UG as well as PG level have been involved in the research projects that have been undertaken by the department in the last 5 years for better dissemination of knowledge and research skills in our students.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths –

- Highly qualified teaching faculty;
- Highly experienced teaching faculty;
- Faculty with research bent of mind;
- Sincere and Dedicated faculty;
- Well coordinated unit

Weaknesses

1. The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present..

Opportunities --

- for introduction of new courses relevant to today's industry.
- for introduction of new labs (like Computational Fluid Dynamics lab).
- for undertaking more research projects with funding from national/international funding agencies.
- Enhancing the intake from present 60 to 120 students.
- Introduction of interdisciplinary courses/short term courses

Challenges –

- Keep pace with global competency in design of curriculum for desired graduate attributes
- Scaling up research activities in the thrust areas identified by state/central academic bodies

52. Future plans of the department –

- Estsablish a Centre of Excellence in the area of Mechanical Engineering.
- Starting new courses at the PG level in cutting edge technologies under the ambit of Mechanical Engineering.

  Provide 6 months of intensive training in industries mandatorily for students of UG course, during the end of the term in the final year of their study as part of concept of finishing school.

Evaluative Report of Master of Computer Applications

1. **Name of the Department** : Master of Computer Applications (MCA)
2. **Year of establishment** : 1998
3. **Is the Department part of a School/Faculty of the university?**

   Yes, Faculty of Computer Science and Applications
4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,):**

Programme	Specialization
MCA	Computer Applications
Ph.D	Computer Science and Applications

5. **Interdisciplinary courses and departments involved : Nil**
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

Course	Collaborating Industry
13MCA 42 : Mobile Application Development	Infosys Ltd., Bangalore
13MCA 15 : Introduction to Web Technologies	Infosys Ltd., Bangalore

7. **Details of programmes / courses discontinued, if any, with reasons**: Nil
8. **Examination System:**

   MCA - Semester Based Credit System.
9. **Participation of the department in the courses offered by other departments:**

Name of the Programme	Department	Course
BE	Common to all branches	Computer Concepts and Programming
BE	Telecommunication Engineering	Operating Systems

10. **Number of teaching posts:**

Positions	Sanctioned	Filled
Professors	**02**	**01**
Associate Professors	**04**	**03**
Assistant Professors	**06**	**09**

11. **Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 4

					years
Dr. D.Ramesh	B.E,M.S, Ph.D	Professor & Head	Computer Science & Engineering	25	**1 (Pursuing)**
Dr. M.C.Supriya	MCA, M.Tech, Ph.D	Associate Professor	Computer Science & Engineering	17	-
R.Suma	MCA ,M.Tech, M.Phil	Associate Professor	Computer Science & Engineering	16	-
V Ravi Ram	MCA, M.Tech, M.Phil	Associate Professor	Computer Science & Engineering	14	-
T.P.Mohan Kumar	MCA, M.Tech, M.Phil	Assistant Professor	Computer Science & Engineering	14	-
Dr. B.R.Prakash	MCA ,M.Tech, M.Phil, Ph.D	Assistant Professor	Computer Science & Engineering	12	-
Asha.K.R	MCA, M.Tech, M.Phil	Assistant Professor	Computer Science & Engineering	14	-
Pushpalatha.K.R	MCA ,M.Tech, M.Phil	Assistant Professor	Computer Science & Engineering	9	-
Chaitra.M	MCA, M.Tech, M.Phil	Assistant Professor	Computer Science & Engineering	9	-
Usha Devi.N	MCA, M.Tech, M.Phil	Assistant Professor	Computer Science & Engineering	7	-
Anuradha.G.R	MCA	Assistant Professor	Computer Applications	3	-
Narendra.S	MCA	Assistant Professor	Computer Applications	3	-
Bhavani.H.S	MCA	Assistant Profess	Computer Applicati	**3**	-

		or	ons		

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors-

Name & Designation Of the Visiting Faculty	Specialization	Name of the Institute/ Industry
-	-	-

13. Percentage of classes taken by temporary faculty – programme-wise information-:

Nil

14. Programme-wise Student Teacher Ratio

Name of programme	Student Teacher Ratio
MCA	**14:1**

15. Number of academic support staff (technical) and administrative staff.

Positions	**Sanctioned**	**Filled**
Technical Staff	**1**	**1**
Administrative Staff	**1**	**1**

16. Research thrust areas

Thrust areas of research in the department are:

1. Wireless Ad Hoc Networks
2. Data mining
3. Digital Image Processing

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

List of ongoing projects	2014-2015		Dr. B. R. Prakash, Dr. D. Ramesh A Cognitive Adopted Framework for IoT Big-Data Management and Knowledge Discovery. A project submitted for approval to the Department of Science and Technology, Government of India, New Delhi.

18. Inter-institutional collaborative projects and grants received

a) State Institutions

Sl. No.	**Name of the project**	**Name of the Investigator**	**Funding Agency**	**Period**	**Amount**
-	-	-	-	-	-

b) All India collaboration -nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Department	Amount (Rs.)
-	-

20. Research facility / centre with

State recognition: Nil

National recognition: Nil

International recognition: Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

22. Publications:

Number of papers published in peer reviewed journals (national / international)

SLN	Name of the Author	Title of the Paper	Name of the Journal	National / International	ISSN/Volume	Impact Factor
	Dr.D Ramesh,	Performance Improvement Using Adaptation of the Contention Window in IEEE 802.11e	IJ-CA-ETS	International	0974-3596	Indexed
	Dr.D Ramesh,	Analytical Modeling fo Performance of Multimedia Applications in WLAN	International Journal of Advanced Research i Computer Science	International	0976-5697	3.74
	Dr.D Ramesh,	Techniques to Improve Performance of VoIP over 802.11e WLAN	IFRSA's International Journal of Computing	International	2230-9039	2.456
	Dr.D Ramesh,	Performance Improvement IEEE802.11e WLAN	IFRSA's International Journal of Computing	International	2011-1-3-200	2.456

5	Dr.D Ramesh,	Recent Developments in Quality of Service of IEEE 802.11	IJ-ETA-ETS	International	0974-3588	Indexed
6	Dr. M C Supriya	An Efficient Cluster based Routing for Mobile Ad-Hoc Network using Weighted Energy Distribution	International Journal of Digital Application & Contemporary research, IJDACR	International	2319-486	1.939
7	Dr. M C Supriya	Analyzing mobile ad-hoc routing protocols DSDV and AODV	International Journal of Computing, IFRSA,	International	2231-2153,	2.456
8	Dr. M C Supriya	Approximation Algorithms for Energy Efficient Routing in Wireless Sensor Networks	International Journal of Engineering Research and Industrial Applications, IJERIA	International	0974-1518	0.5090.
9	Dr. M C Supriya	Autonomic Computing Characteristics of Wireless Sensor Networks	International Journal of Digital Application & Contemporary research IJDACR	International	2319-486	1.939
	Dr. M C Supriya	Self–optimization and Self-Protection(Transactional Security) in AODV Based Wireless Sensor Networks	International Journal of Computer Science and Mobile Computing IJCSMC	International	2320-088X,	1.0148.
11	Dr. M C Supriya	Self-Healing and Self-Configuration in AODV based	International Journal of Engineeri	International	2278-0181	1.9586.

		Wireless Sensor Network	ng Research & Technology IJERT ,			
12	Suma R	Geographical Routing Protocols for Mobile Ad Hoc Networks- A Survey on their Performance Analysis	International Journal of Research in Engineering and Technology	International	2319-1163	1.28
	V. Ravi Ram	Considerate Factors for Robust Vanet Application Development -A Survey	The Mediterranean Journal of Computers and Networks	International	Accepted for publication Paper Ref. No. MEDJCN-20151-221	EI Indexed
14	Dr. B R Prakash	Issues and Challenges in the Era of Big Data Mining"	International Journal of Emerging Trends & Technology in Computer Science	International	ISSN 2278-6856	1.925
15	Dr. B R Prakash	Mining the Big Data and its challenges	International Journal of Advanced Trends in Computer Applications	International	ISSN 2278-3091	0.378
16	Dr. B R Prakash	Comprehensive Document Clustering for Information retrieval on web	IFRSA's International Journal Of Computing	International	2231:2153 2230:9039	2.456
17	Dr. B R Prakash	An efficient technique to improve snippet clustering and labeling using modified FPF	International Journal of Computer Applications	International	0975 – 8887	2.52

		algorithm				
18	Dr. B R Prakash	Improving the efficiency of document clustering and labeling using Modified FPF algorithm	International Journal, Advances in Intelligent and Soft Computing- Springer	International	978-81-322-0491-6	2.970
19	Dr. B R Prakash	Web Snippet Clustering and Labeling using Lingo Algorithm	International Journal of Advanced Research in Computer Science	International	0976-5697	3.74
20	Dr. B R Prakash	Modified FPF algorithm for clustering the web	International Journal of Advanced Research in Computer Science- Springer	International	0976 – 5697	3.74
21	Dr. B R Prakash	Framework for video Clustering in the Web	International Journal of Emerging Trends & Technology in Computer Science	International	2278-6856	4.413
22	Dr. B R Prakash	Performance Evaluation of Web Search Result Clustering and Labeling"	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)	International	ISSN 2278-6856	4.413
23	Dr. B R Prakash	Text Clustering and Validation for	International Journal of	International	2278-6856	4.413

		Web Search Results	Emerging Trends & Technology in Computer Science			
24	Dr. B R Prakash	Big Data in Educational Data Mining and Learning Analytics	International Journal of Innovative Research in Computer and Communication Engineering	International	ISSN 2320-9801.	4.447
25	Pushpalatha..K. R	Color Histogram Based Image Retrieval	International Journal of Advanced Research in Computer Science (IJARCS)	International		3.74
26	Chaitra.M	Representation of 2D Shape and Vein Extraction of Leaf Images using Fourier Descriptors	International Journal of Graphics & Image Processing (IJGIP)	International	1985-2304	
27	Chaitra.M	Restoring Degraded Images and Edge Detection using Optimal Adaptive Thresholding and Filters	International Research Journal of Signal Processing	International	2249-6505	

Sl. No.	Name of the Author	Title with page no.	Books, Title, Editor & Publisher	Year of Publication
1	Dr. B R Prakash	Applications of Data mining in e-governance :A case study of Agricultural bank loans	LNCS Volume 6411 Springer	2010

2	Dr. B R Prakash	Applications of Data mining in e-governance : A Case study on Bhoomi Project	LNCS Volume 6411 Springer	2010
3.	Dr. B R Prakash	Improving the Efficiency of Document Clustering and Labeling Using Modified FPF Algorithm	Advances in Intelligent and Soft Computing Volume 131, 2012, pp 957-966	2012
4	Dr. B R Prakash	c) Implementation of Web Search Result Clustering System	Advances in Computing Advances in Intelligent Systems and Computing Volume 174, 2012, pp 795-800	2012

23. Details of patents and income generated: **Nil**

24. Areas of consultancy and income generated

Name of Project	Principal Investigator/ Co Principal Investigator	Funding Agency	Period	Consultancy Fee	Status
-	-	-	-	-	-

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad. Nil

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl.	Name of the Faculty	Role of the faculty in developmental activities
1	Dr. D Ramesh	Chairman, BOS & BOE, SSIT
		Member,BOS, Dept. of MCA,Mount Carmel College, Bangalore
		Member,BOS, Dept. of MCA,Mount Carmel College, Bangalore
		Member,BOE(UG), Dept. of Computer Science, Bangalore University, Bangalore
2	Dr. M. C. Supriya	Member, BOS, SSIT
3	Mrs. Suma R	Member, BOS, SSIT
4	Mr V Ravi Ram	Member, BOS, SSIT

5	Mr T.P Mohan Kumar	Member, BOS, SSIT
6	Dr. B R Prakash	Member, BOS, SSIT

27. Faculty recharging strategies:

- Encouraging Faculty to attend FDPs to improve their course content preparation and delivery skills organized at different Institutions/ Universities.
- Deputing faculty to attend Train the Trainer Programs offered by Software Industries on Soft Skills and Foundation Programs on current technologies.
- Deputing faculty to attend Workshops on industry electives, cutting edge technologies and tools.
- Promoting faculty to participate and publish papers in National and International Conferences.

28. Student projects:

Sl. No.	Name of the Programme	Percentage of students who have done in-house projects including Inter-departmental	Percentage of students doing projects in collaboration with Industries/Institutes
1	MCA	6	94

29. Awards / recognitions received at the national and international level by

2014-2015		• Dr.B.R.Prakash Received 10,000 cash prize from SSU for the Published paper in International Journal
2013-2014		• Dr.B.R.Prakash Received 10,000 cash prize from SSU for the Published paper in International Journal
2012-2013		
2011-2012		
2010-2011		

Sl. No.	Name of the faculty member	Awards/Recognition received	
		National	International
-	-	-	-

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No	Title	Period	Funding Agency
1	Workshop on Wireless Networks	24th &25th October 2008	SSIT
2	National Conference on Advances in Computer Applications (NCACA-09)	07 th &08th May 2009	SSIT

3	Workshop on Personality Development	22 nd - 24th October 2010 12 th - 14th October 2010	SSIT
4	Workshop on Campus Recruitment	02 nd - 04 th May 2011	SSIT
5	Workshop on Advances in Computer Applications	31 st March 2011	SSIT
6	National Conference on Advances in Computer Applications (NCACA-12)	10 th & 11th May 2012	SSIT
7	National Conference on Advances in Computer Applications (NCACA-13)	16 th & 17 th May 2013	SSIT
8	National Seminar on Research and Development in Computer Science and its Applications	10 th April 2014	SSIT

31. Code of ethics for research followed by the department:

All the researchers in the department are strictly directed to adopt ethical concern in their research work in the following matters:

- Scientific, Scholarly and Professional standards
- Competence
- Use and Misuse of Expertise
- Fabrication, Falsification and Plagiarism
- Nondiscrimination
- Fair employment practices and responsibilities
- Confidentiality
- Authorship credit
- Integrity, Storage and Retention of Data
- Conflict of Interest

32. Student profile Programme-wise:

Name of the Course	Admitted year	Passed out year	Admitted		Pass Percentage	
			Male	Female	Male	Female
MCA	2009-10	2011-12	10	3	100	100
	2010-11	2012-13	41	18	100	100
	2011-12	2013-14	24	35	100	100

33. Diversity of students (3 years)

Name of the Course	Admitted Year	% of students from the same universit	% of students from other universities within	% of students from universities outside	% of students from other countries

		y	the State	the State	
MCA	2012-13	-	90	10	-
	2013-14	-	95	5	-
	2014-15	-	95	5	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Nil

35. Student progression

Student progression		**Percentage against enrolled**
PG to Ph.D.		3
Ph.D. to Post-Doctoral		-
Employed	• Campus selection • Other than campus recruitment	10 -
Entrepreneurs		2

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	-
from other universities within the State	100
from universities from other States	-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

Year	**No. of Faculty who were awarded Ph.D**	**Details**
2014	1	Dr. D Ramesh, Computer Science & Engineering, Kuvempu University
2015	2	Dr. M C Supriya, Computer Science & Engineering, Kuvempu University
		Dr. B R Prakash, Computer Science, Bangalore University

38. Present details of infrastructural facilities

Sl. No.	Name of the Infrastructural Facility	Quantity / Details
1	Library	Books- 500 Titles Access to all e Journals through JGate
2	Internet for staff and students	40Mbps with Wi-Fi Staff - 2GB/Month (Secured) Students - 1GB/Month (Secured)
3	Class rooms	3

		Class Room1, LH 204: 128 Square meters Class Room2, LH 205- 128 Square meters Class Room3, LH 206- 100 Square meters
4	MCA Computer Lab	• Area: 128 Square meters • 50 Computers running on Linux platform with internet facility. • System Configuration: Intel Pentium Dual CPU E2160 @1.80 GHz, 1GB RAM, 152.625GB HDD, DVD-R, LCD Monitor. • All laboratory courses are conducted using open source software

39. List of doctoral students (No.s only)

a) from the host university Doctoral :2

b) from other universities :4

40. Number of post graduate students getting financial assistance from the university?

TEQIP - Nil

UGC-SAP – Nil

DST Project – Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

When the students and faculty raise their demands for the development of new programme(s) in the department, they are clearly assessed for viability by the HoD and other senior faculty members of the department and finally placed in front of the higher authorities for the approval and implementation of the proposal.

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

a. Students on staff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

b. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the instituition for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department

Name	Position
Raghuveer K S S	Sr. Program Manager,Verizon Data India Services
Dr.Prathiba	Associate Professor, NEA, Tamilnadu
Raghunandan	Project Leader, HP Technologies,Bangalore
D Mahesh	Project Mananger, Cognizant Technologies
Prakash Babu K	Product Solution Architect, Axcend Automation and Software Solutions , Bangalore.
Ranganath H B	Project Manager,ANZ Technologies,Bangalore.
Naveen H P	Sr.Software Engg,.Infosys Technologies,Bangalore
Kalpana Kumari Jha	Sr.Software Engg.,Accenture ,Bangalore
Jitu Devi	Manager, Knowledge Hut Solutions,Bangalore.
Debakshi Chakraborty	Test Team Leader.eTech Solutions,Bangalore
Partha Biswas	Associate Consultant, Center Health Services,Kolkata
Gaurav Jain	Manager, IBM , Banaglore.
Sufi Parvi	Associate QA,360 Logical Software Testing Services,Bangalore.
Mahesh Setty	IT Analyst, TCS ,Mumbai.
Gopinath Reddy	IT Analyst, TCS ,Malaysia
Ranjith Prajapathi	Sr.Software Engg., Information Technology,Bangalore.
Chaitanya Reddy	Security Engg., Paladion Network, Bangalore
Sekhar Reddy	Sr.Software Engg.Sapient Nitro,Bangalore
Gopinath Reddy P	Assistant Consultant ,Capegemini India Pvt Ltd.,Bangalore
Sujith Nelliparambil	System Engg., Solutions Middle East,Dubai,UAE
Raghu N	Sr.Software Engg.,L & T Technologies,Bangalore
Yogendra Srivastava	Sr.Software Engg.,Crimson Logic India Pvt Ltd., Bangalore
Melvin Pinto George	Sr.Software Engg.,Amazon.com,USA.
Sudha Venkat	Sr.Software Engg.,SCII,Tumkur
Hanumantharaju	Sr.Software Engg., HCL Bangalore.
Sridevi P	Sr.Software Engg., Wipro Technologies

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

The department takes initiative in arranging lectures/workshops/seminars involving external experts and the details are as below:

Sl. No.	Speaker	Topic of Lecture	Date
1	VS Consultancy, Bangalore	Personality Development Program	17th,18th,24th &25th April 2010
2	Seema Acharya, E&R, Infosys, Bangalore	Scientific Approach to Data Analysis	17/09/2010
3	Dr S A Angadi BEC Bagalkot	Soft Computing Techniques and Applications	31/03/2011
4	Dr. B. Satish Babu SIT, Tumkur.	Cloud Computing A Technology Trend of 2011	31/03/2011
5	Dr. C. N. Ravi Kumar SJCE, Mysore	Digital Image Processing and its applications	31/03/2011
6	Prof.B.S.Sonde Emeritus Professor ,IISc, Bangalore Former Vice Chancellor, Goa University	Advances in Computer Applications	10/05/2012
7	Dr. V. Rajaraman, Scientist, IISc, Bangalore	Future directions in Computer Science	16/05/2013
8	Sahana Kumaraswamy, Infosys, Bangalore	Big Data	21/02/2014
9	Ching Chong Hunge, USA	Nature Inspired Meta Heuristics	25/02/2014
10	Dr. C. Krishna Mohan Professor, Dept. of Computer Science & Engineering, IIT, Hyderabad	Pattern Recognition and Image Processing	10/04/2014
11	Dr. Ravi Kumar. C.N Professor & Head Dept. of Computer Science & Engg SJCE, Mysore	Future path way to Biometric	10/04/2014
12	Mr. Rajkumar Rajagobalan Director AAGNAA Pvt Ltd., Singapore	Internet of Things	11/04/2014
13	Dr. Muralidhara. B.L Professor & Chairman Dept. of Computer Science & Applications Bangalore University, Bangalore	E Governance	11/04/2014
14	Dr. C. Nataraj, Villanova University	Educating Tomorrows Engineers	03/06/2014
15	C. Nalini, BVBCET	Learning through	10/09/2014

		real-world problem based case studies	
16	Ravindra Dastikop, SDM College of Engineering	Research directions in Cloud Computing	11/11/2014
17	Ravindra Dastikop, SDM College of Engineering	Internet of Things	19/03/2015
18	Smithesh Bakrania Infosys , Bangalore	Getting Students to Participate with an iPhone App	15/04/2015
19	Ravindra Dastikop, SDM College of Engineering	Draft Policy on Internet of Things(IoT)	12/05/2015

45. List the teaching methods adopted by the faculty for different programmes

The faculty of the department uses conventional black board teaching methodology to deliver courses in the class room. In addition, the faculty members make use of power point slide presentations and handouts to deliver courses. Brainstorming sessions, group discussions, case study evaluation and presentations are organized in each course to understand the objectives and to exploit the real time applications of the courses. Further students are encouraged to take up mini projects, internships, attend workshops and training programs offered by industries and academic institutions.

46. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

The student counseling system adopted in the department helps the faculty to continuously and closely monitor and evaluate the students overall performance. This system yields fruitful results in motivating students to learn the objectives and practical aspects of each course. The learning outcomes are evaluated in terms of surprise tests, project works, case studies, presentations etc.

47. Highlight the participation of students and faculty in extension activities.

- The faculty and students jointly organize technical competitions for undergraduate students of various colleges.
- The students organize **Sanchalana** program every year with a unique theme that addresses a social cause.

48. Give details of "beyond syllabus scholarly activities" of the department.

- Inviting scholarly persons from academia and industry to deliver technical talks.
- Organizing visits to software industries.

- Organizing National Seminars/ Conferences and Workshops.
- Providing placement trainings to students.
- Following best industry practices in student project work, thereby making them Industry ready.
- Encouraging students to participate in Co-curricular and Extracurricular activities conducted by various organizations.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No

50. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department.

Strengths

- Qualified and dedicated faculty
- Well disciplined and hard working students
- Diverse technology backgrounds
- Research culture and adaptability to knowledge up-gradation
- Latest infrastructure for learning

Weaknesses

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities

- Students are at the liberty of doing their internships and final projects in Industries and National Research Laboratories to get exposed to latest industry standards and practices.
- Platforms are provided for students to showcase their co curricular and extracurricular talents thereby improving their personality.
- Career guidance and placement training are offered within the campus to make students better employable.
- Faculty members are encouraged to upgrade their skills by attending Faculty Development Programs, Summer schools, Workshops, Conferences.
- MoUs with Reputed Companies like Infosys and TCS improves industry academic interactions.

Challenges

- Teaching students from diverse academic backgrounds
- Improving the technical competence of students with poor academic record
- Up gradation of curriculum to meet industry needs
- Improving placements

51. Future plans of the department.

- To make the department a Centre of Excellence
- To establish full fledged research centre
- To do consultancy work
- To get Funded Projects

Evaluative Report of Computer Science and Engineering

1. Name of the Department: Computer Science and Engineering

2. Year of establishment: 1985

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Engineering

4. Names of Programmes / Courses offered (UG, PG, Ph.D.)

Sl. No.	No. Name of the Programs offered	Remarks (U.G / P.G / Ph.D)
1	B.E (4 Years) Computer Science and Engineering	U.G
2	M.Tech. Computer Science and Engineering	P.G
3	Ph.D	Part Time/Full Time

5.Interdisciplinary courses and departments involved : NIL

6. Courses in collaboration with other universities, industries, foreign Institutions, etc.

Sl. No.	Course offered in collaboration with *Infosys*
1	Business Intelligence

7.Details of programmes / courses discontinued, if any, with reasons : Nil

8. Examination System UG (Computer Science and Engineering) - Semester Based Credit System. PG (Computer Science and Engineering)- Semester Based Credit System.

9. Participation of the department in the courses offered by other departments

Sl. No.	Interdisciplinary courses offered	Names of the Departments involved
1	Computer Concepts & C Programming	B.E in ECE, ME, CV, EEE, TCE, ISE, ML, IEM
2	CCP Lab	B.E in ECE, ME, CV, EEE, TCE, ISE, ML, IEM

10. a) Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

U.G. - Computer Science and Engineering		
	Sanctioned	**Filled**
Professor	2	2
Associate Professors	4	3
Asst. Professors	12	17

b) Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

P.G. - Computer Science and Engineering		
	Sanctioned	**Filled**
Professor	1	1
Associate Professors	1	1
Asst. Professors	1	1

11. Faculty profile with name, qualification, designation, specialization

U.G. - Computer Science and Engineering					
Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Experience**	**No. of Ph.D. students guided in the last 4 years**
Dr. M. Siddappa	Ph.D	Prof.& Head	Computer Science and Engineering	26	*7
Dr. B.P.Mallikarjunaswamy	Ph.D	Professor	Graph Theory	11	6
S. Renukalatha	M.S	Asso. Prof.	Electronics	17	-
H.S. Annapurna	M.S	Asso. Prof.	Software systems	11	-
S.R. Sujatha	M.E	Asso. Prof.	Computer Science and Engineering	13	-
M.N. Babitha	M.Tech	Asst.Prof.	Information Technology	15	-
T.P. Channabasavaraju	M.Tech	Asst.Prof.	Computer Science and Engineering	14	-

M.N. Sowmya	M.Tech	Asst.Prof.	Information Technology	13	-
Bramhaprakash H.P	M.Tech	Asst.Prof.	Information Technology	11	-
L. Dinesha	M.Tech	Asst.Prof.	Information Technology	11	-
B. H. Manjunatha Kumar	M.Tech	Asst.Prof.	Computer Science and Engineering	11	-
N.K. Roopa	M.Tech	Asst.Prof.	Computer Science and Engineering	10	-
Madhumala G	M.Tech	Asst.Prof.	Computer Science and Engineering	9	-
Nirmala G	M.Tech	Asst.Prof.	Computer Science and Engineering	9	-
Pushpa R	M.Tech	Asst.Prof.	Computer Science and Engineering	9	-
Bharath T. S.	M.Tech	Asst.Prof.	Computer Science and Engineering	7	-
Divya K. P.	M.Tech	Asst.Prof.	Computer Science and Engineering	7	-
Rekha H	M.Tech	Asst.Prof.	Computer Science and Engineering	7	-
Gopala. T	M.Tech	Asst.Prof.	Computer Science and Engineering	6	-
T.N. Sindhu	M.Tech	Asst.Prof.	Computer Science and Engineering	4	-
Priyanka D	M.Tech	Asst.Prof.	Computer Science and Engineering	3	-
Achyutha Prasad N	M.Tech	Asst.Prof.	Computer Science and Engineering	3	-

* - No. of Scholars doing Research

P.G. – Computer Science and Engineering					
Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Experience**	**No. of Ph.D. students guided in**

					the last 4 years
Dr. H.Venugopal	Ph.D	Professor	Data Mining	29	-
Channakrishnaraju	M.S	Asso. Prof.	Software systems	18	-
N.L. Udaya Kumar	M.Tech	Asst. Prof.	Computer Science & Engg.,	11	-

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors - NIL

13 Percentage of classes taken by temporary faculty – programme-wise information: Nil

14. Programme-wise Student Teacher Ratio

Sl. No	**Programme**	**Student Staff Ratio**
1	UG	14:1
2	PG	12:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Sl. No	**Staff Category**	**Sanctioned**	**Filled**
1	Academic Staff	9	10
2	Administrative Staff	-	-

16. Research thrust areas

Thrust areas of research in the department are:

1. Artificial Intelligence
2. Wireless Sensor Networks
3. Pattern Recognition
4. Image Processing
5. Cloud computing
6. Big data
7. Computer Networks
8. Nature Inspired Algorithms

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

d) National Funding Agencies

Sl. No	Project Title	Name of the Faculty	Project Title	Name of the Faculty	Project Title
1	Advanced computer Graphics Lab	Dr. M. Siddappa	AICTE MODROBS	4 lakhs	2 years

e) International Funding Agencies

Sl. No	Project Title	Sponsored Agency	Sanctioned	Project Title
NIL				

Total Grants Received**: 4 Lakhs**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration
b) International collaboration
Departmental projects funded by DST-FIST; DBT, ICSSR, etc received : Nil
Proposal submitted to MHRD waiting for response

19. Research centre with

a. International Recognition
b. National Recognition
State Recognition

• State Recognition	:	Kuvempu University

Publications: * number of papers published in peer reviewed journals (national / international):

Computer Science Engineering – UG

20. Special research laboratories sponsored by Management / created by industry or corporate bodies - NIL

21. Publications

a) International Journals:

Sl. No.	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
1	Dr.M.Siddappa	Survey on an Efficient Coverage and Connectivity of Wireless Sensor Networks using Intelligent Algorithms.	International Journal of Information Technology and Computer Science (IJITCS)	Volume: 4 Issue: 5 Pages: 39	2012	0.445
		A Method for Identification of Basmati Rice grain of India and Its Quality Using Pattern Classification	International Journal of Engineering Research and Applications	Volume: 3 Issue: I Pages: 268-273	2012	1.690
		Intelligent tutor generator for intelligent tutoring systems	Journal of Theoretical and Applied Information Technology	Pages: 578-583	2012	0.445
		Design, Implementation and Evaluation of Intelligent Tutoring System for	Proceedings of the World Congress on Engineering and Computer Science 2008	IEEE Pages: 1-7	2012	0.193

Sl. No.	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Numerical Methods (ITNM)				
		Adaptive Techniques based high impulsive noise detection and reduction of a digital image	Computational Intelligence and Software Engineering	Volume: 24 Issue: 1	2011	1.710
		Algorithmic Aspects for Independent and Dominating Sets in Mobile Ad Hoc Networks	International Journal of Engineering Research and Applications	IEEE Pages: 1-6	2014	0.509
		An efficient adaptive Fuzzy based switching weighted average filter for the restoration of impulse corrupted digital images	International Journal of Electrical Engineering applications Research	Volume:8 Issue:4 Pages: 199-206	2012	3.302
		A Method for	International Journal of	Volume:3	2013	1.32

Sl. No.	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Identification of Basmati Rice grain of India and Its Quality Using Pattern Classification	Engineering Research and Applications	Issue: I Pages: 268-273		5
		Efficient adaptive fuzzy-based switching weighted average filter for the restoration of impulse corrupted digital images	IET Image Processing	Volume:8 Issue:4 Pages: 199-206	2014	0.676
		Implementation of the MEMS-based dual-axis sun sensor for Nano satellites	Metrology for Aerospace (MetroAeroSpace), IEEE	Pages: 190-195	2014	0.009
		A Survey of Energy Efficient Routing Protocols In Mobile Ad-Hoc	International Journal of Electrical Engineering applications Research	Volume:3 Issue:3 Pages: 177-181	2012	0.404

Sl. No.	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		Network applications Research 3				
		Power Aware Routing Protocol for MANET's using Swarm Intelligence	International Journal of Advanced Research in Computer and Communication Engineering	Volume:2 Issue: 8	2013	2.500
		Mac Power Enhancement using Overlapped Carrier Sense Multiple Access	International Journal of Research in Engineering & Advance Technology ISSN 2320-8791	Volume:2 Issue:8	2013	1.097
		Design Of Memetic Algorithm To Enhance Coverage In Wireless Sensor Networks With Minimum Number Of Sensors	International Journal of Advanced Research in Computer and Communication Engineering	Volume:3 Issue:6 (IJARCCE)	2014	1.770
		A study on efficient localizatio	IJACAR (international journal of	Volume:2	2014	1.831

Sl. No.	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		n methods using swarm intelligence	research in computer application and robotics)	Issue:6		
		Methodologies for Tumor Detection Algorithms as Suspicious Region from Mammogram Images Using SVM Classifier Technique	CiiT Digital Image Processing	Volume 3, No 19	2011	0.126
2	Dr. C D Guruprakash	Minimum Matching Dominating Sets and its Applications in Wireless Networks	International Journal of Computer Applications	Volume:30 Pages:23	2012	2.520
		Global Dominating Sets in Web Graphs	International Journal of Computer Science and Management	Volume:1 Issue:3	2012	0.474
3	Dr.B.P.Mallikarjunaswamy	Graph Based Approach for Backgroun	Research Journal of Computer Systems Engineering	Volume:2 Issue: 2 Pages: 137-143	2011	0.240

Sl. No.	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		d Elimination and Segmentation of the Image	– An International Journal			
		Approximation Algorithmic aspects for Dominating Graph in Ad Hoc Wireless Networks	Research Journal of Computer Systems Engineering – An International Journal	SSN: 2230-8563; e-ISSN-2230-8571	2011	0.371
		Representation of 2D Shape and Vein Extraction of Leaf Images Using Fourier Descriptors	International Journal of Graphics & Image Processing	Volume:1 Issue: 1	2011	2.456
		Analytical Modeling for Performance of Multimedia Applications in WLAN	International Journal of Advanced Research in Computer Science	Volume:2 Issue: 6	2011	2.500
		Minimum Matching Dominating Sets and	International Journal of Computer	Volume:30 No.:3	2011	2.520

Sl. No.	Name of the Authors	Title of Paper	Name of Journal	Page No. & Volume	Year of publication	Impact Factor
		its Applications in Wireless Networks	Applications			
		Algorithmic Aspects for Total Connected Dominating Sets in Mobile Adhoc Wireless Networks	International Journal of Information Technology and Computer Science	2, 34-40 Published Online in MECS (http://www.mecs-press.org/) DOI: 10.5815/ijitcs.2012.02.05	2012	0.445
4	S.R.Sujatha	A study on efficient localization methods using swarm intelligence	IJACAR (international journal of research in computer application and robotics)	Volume: 2 Issue: 6	2014	1.831

National Journals (UG): NIL

b) **Monographs authored, Chapters authored in Books, Books edited , Books authored with ISBN - NIL**

f) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Citation Index – range / average, SNIP, SJR, Impact Factor – range / average, h-index

Sl. No.	Name of the faculty member	Number listed in Intl. database (Web of science, scopes science directory etc.)	SNIP	SJR	Impact Factor	Citation index	h-index
1	Dr. M.	Scopus ID - 15726835400				115	5

	Siddappa						
2	Dr. M. Siddappa	Design, Implementation and Evaluation of Intelligent Tutoring System for Numerical Methods	0.104	0.200	0.193	02	3
3	Dr. M. Siddappa	Adaptive Techniques based high impulsive noise detection and reduction of a digital image	0.231	0.134	1.710	01	7
4	Dr. M. Siddappa	Efficient adaptive fuzzy-based switching weighted average filter for the restoration of impulse corrupted digital images	0.725	0.323	0.676	03	16
5	Dr. M. Siddappa	Constraint based Tutor Generator for Intelligent Tutoring System	0.502	0.103	0.445	07	2
6	Dr. M. Siddappa	Methodologies for Tumor Detection Algorithm as Suspicious Region from Mammogram Images Using SVM Classifier Technique	0.21	0.109	0.126	01	6

* **Number of papers published in peer reviewed journals (national / international) :**

Computer Science Engineering (PG):

Sl. No.	**Name of the faculty**	**Title of the paper**	**Name of the Journal**	**Level**	**Page No. & volume**	**Year of Publication**	**Journal Impact Factor**
1	Dr. H.Venugopal	Algorithmic Aspects for Total Connected Dominating Sets in Mobile Adhoc	International Journal of Information Technology and Computer		Volume: 4 No.:2 pp: 34-40	2011	0.445

		Wireless Networks	Science				
		Association Rules of Data Mining for the Characteristic Analysis of Sub-basins of a River	International Journal of Computer Applications ISSN-0975-8887		Volume: 27 No.:3	2011	2.52
		Avoiding selective jam attack by packet hiding method in wireless sensor networks (PAPER ID: IJSRON12013147)	International journal of science & Reasrch (IJSR)		Online ISSN: 2319-7064, volume 2 issue 6	2013	4.438
2	Channakrishnaraju	Design and performance analysis of a 3gpplie/ lte-advanced turbo decoder using software reference models	IJSER		Volume: 2 Issue: 7	2010	1.400
		Detection of mobile replica node attacks in WSN using sequential hypothesis Testing	CIIT		Volume: 4 Issue: 12	2011	0.360
		Survey on an Efficient Coverage and Connectivity of Wireless Sensor Networks using Intelligent	I.J. Information Technology and Computer Science		Volume: 5 Pages: 39-45	2012	0.445

		Algorithms					
		A Study on Efficient Methods Used to Enhance Coverage in Wireless Sensor Networks	IJAIST		Volume: 13 No.:13	2013	3.564
		FPGA based IP core for high performance Ethernet frames	IJERT (international journal of research and Technology)		Volume: 3 Issue: 6	2014	0.280
		Design Of Memetic Algorithm To Enhance Coverage In Wireless Sensor Networks With Minimum Number Of Sensors.	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)		Volume: 3 Issue: 6	2014	2.500
		Life Enhancement of Wireless Sensor Network using K-cover with Local Exploration in Genetic Algorithm	IEEE Explorer 2014			2014	

* Monographs authored, Chapters authored in Books, Books edited, Books authored with ISBN - **NIL**

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International

Social Sciences Directory, EBSCO host, etc.) Citation Index – range / average, SNIP, SJR, Impact Factor – range / average, h-index

Sl. No.	Name of the faculty member	Number listed in Intl. database (Web of science, scopes science directory etc.	Citation index	h-index

22. Details of patents and income generated : NIL

Areas of consultancy and income generated : NIL

21. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

1. International: Dr.M.Siddappa, Lousiana State University, USA,
2. National: Mr.B.H.Manjunath Kumar, Thapar University, Patiala, Punjab

Mr. T.P.Channabasavaraju, Thapar University, Patiala, Punjab

Dr.B.P.Mallikarjunaswamy, IIM, Kozhikode, Kerala

Mr.Channakrishnaraju, SNS College of Engg., Coimbatore, Tamilnadu

Mrs.S.R.Sujatha, SNS College of Engg., Coimbatore, Tamilnadu

Mr.L.Dinesh , Infosys Ltd , Mysore

Mr.B.H.Manjunath Kumar, , Infosys Ltd , Mysore

22. Faculty serving ina) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No	Name of the Faculty	Role of the faculty in developmental activities
1	Dr.M.Siddappa	NBA Expert Committee Member LIC Committee Member, VTU, Belgaum
2	Dr.B.P.Mallikarjunaswamy	BOS Member, Kuvempu University, Shimoga BOS Member, VTU, Belgaum

26. Faculty recharging strategies

- Conducting and attending Faculty Development Programmes
- Programmes/Workshops, Summer/Winter short term courses
- Paper Presentation in National/International Conferences
- Special lectures/Guest lectures

27. Student Projects

- Percentage Of Students Who Have Done Projects In-House

Sl. No	Name of the programme	% of Student
1	B.E	80%
2	M.Tech	20%

- Percentage Of Students Doing Projects In Collaboration With Industries / Institutes

Sl. No.	Name of the programme	% of Student
1	B.E	15%
2	M.Tech	85%

29. Awards / recognitions received at the national and international level by

- Dr. M.Siddappa - Best Engineering Teacher Award presented by ISTE 2011.
- Doctoral / post doctoral fellows: - NIL

UG Students:

Sl. No.	Student Name	Students Achievements
1	Archana Reddy	Received a sum of Rs.10,000/- from TCS for outstanding performance in the year 2012.
1	Shankar	Received a sum of Rs.10,000/- from TCS for outstanding performance in the year 2014.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Faculty	Event Type	No of participants	Date	Funding agency
		National			
1	Dr. M.Siddappa	National Conference on Computer networks and soft computing NCNS-2012	69 (approx)	6th and 7th Nov 2012	Received sponsorship from TEQIP for conducting national conference for the

					year 2012
2	Dr. M.Siddappa	Faculty development program on outcome based education	56 (approx)	6th April 2013	Received sponsorship from TEQIP for conducting Faculty development program me for the year 2013.
3	S.Renukalatha	Faculty development program computer vision based automative safety applications	47 (approx)	24th and 25th May 2013	Received sponsorship from TEQIP for conducting Faculty development program for the year 2013
4	C.K.Raju	Faculty development program On Simulation of Wireless Sensor Networks using NetSim".	49 (approx)	10th to 13th June 2013	Received sponsorship from TEQIP for conducting Faculty development program for the year 2013
5	Dr.B.P.M.Swamy	Faculty development program Advances in Graph Theory and its applications in Computer Science	51 (approx)	21st and 23rd June 2013	Received sponsorship from TEQIP for conducting Faculty development program for the year 2013
6	C.K.Raju	Faculty development program on Modeling and simulation of Internetworks	52 (approx)	10th to 14th July 2013	Received sponsorship from TEQIP for conducting Faculty development program for the year 2013.

7	Pushpa R	Faculty development program on Android Application Development	58 (approx)	Nov 29th , 30th and Dec 1st	Received sponsorship from TEQIP for conducting Faculty development program for the year 2013.
8	N.L.Udaykumar	Faculty development program On Storage area networks	52 (approx)	13 to 15 Dec 2013	Received sponsorship from TEQIP for conducting Faculty development program for the year 2013.
9	S.R.Sujatha & Gopala.T	Faculty development program Workshop on NS2	48 (approx)	24-28 Apr 2014	Received sponsorship from TEQIP for conducting Faculty development program for the year 2013
10	M.N.Babitha & M.N.Sowmya	Faculty development program On Hadoop- A practitioner's perspective	45 (approx)	5 to 7th may 2014	Received sponsorship from INTEL and TEQIP for conducting Faculty development program for the year 2014
11	L.Dinesha	Faculty development program on BIGDATA & DATAMINING	49 (approx)	5th Nov to 8th Nov 2014	Received sponsorship from TEQIP for conducting Faculty development program for the year 2014

12	Bramhaprakash P	Faculty development program on Data Center Virtualization	49 (approx)	14th Nov to 16th Nov 2014	Received sponsorship from TEQIP for conducting Faculty development program for the year 2014
13	Channabasavaraju T.P	Faculty development program on HPC CUDA and Parallel Programing	51	Nov 29th to Dec 3rd 2014	Received sponsorship from TEQIP for conducting Faculty development program for the year 2014
14	Bharath T.S	Faculty development program Cloud Computing & Google App Engine	48	11th Dec to 14th Dec 2014	Received sponsorship from TEQIP for conducting Faculty development program for the year 2014
15	H.K.Govindaiah	Faculty development program Linux and Linux Server Administration	56	22nd Dec to 27th Dec	Received sponsorship from TEQIP for conducting Faculty development program for the year 2014

31. Code of ethics for research followed by the departments

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research.

32. Student profile course-wise:

Name of the Course (refer question no. 2)		Applications received under Management quota	Applications Selected	Selected		Pass percentage (%)	
				Male	Female	Male	Female
UG	2011 – 2012	55	35	67	54	97	100
	2012 – 2013	50	32	47	21	80	90
	2013 – 2014	65	33	64	51	90	100
PG	2011 – 2012	25	7	10	7	100	85
	2012 – 2013	30	10	4	14	100	100
	2013 – 2014	35	8	9	8	100	87

33. Diversity of students:

Name of the Course (refer question no. 2)	% of students from the College	% of students from the State	% of students from other States	% of students from other countries
2011 – 2012	NIL	NIL	-	-
2012 – 2013	NIL	NIL	-	-
2013 – 2014	17	83	-	-

34. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations

Sl. No.	Name of the competitive Examination	Number of students cleared
1	GATE	

	2011 – 2012	6
	2012 – 2013	5
	2013 – 2014	8
2	any other competitive examinations (PGCET)	
	2011 – 2012	25
	2012 – 2013	30
	2013 – 2014	35

35. Student progression

Student progression	Percentage against enrolled (2013-2014)		
UG to PG	NIL	NIL	3
PG to M.Phil			
PG to PhD			
PhD to Post Doctorate			
Employed • Campus selection • Other than campus recruitment • Entrepreneur	29	20	12

36. Diversity of staff

Percentage of faculty who are Graduates (M.Tech)	
of the same parent university	NIL
from other universities within the State	72%
from other universities from other States	28%

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

No. of faculty who were awarded Ph.D	**Details of the Faculty**
1	Dr. H. Venugopal , Professor
2	Dr. C.D.Guruprakash, Assistant Professor

38. Present details about infrastructural facilities with regard to Library, Internet facilities for staff and students, Total number of class rooms, Class rooms with ICT facility, Students' laboratories, Research laboratories

Sl. No.	Name of the Infrastructural Facility	Quantity / Details
1	Library	512 Books
2	Internet facilities for staff	Secured internet with 2GB/ month
3	Internet facilities for student	Secured internet with 1GB /month
4	Total number of class rooms	U.G. 6, P.G. : 2
5	Class rooms with ICT facility	2
6	Students' laboratories	7
7	Research laboratories	1

Sl. No.	Laboratory	Particulars
1	Data Structure Lab (09CS37L) / Algorithm with OOPS Lab (09CS47L)	It is well equipped to conduct the Programs as per the curriculum. Each student is provided with a computer system to do laboratory programs. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 1hr/week. System Configuration: Intel Dual Core 3.10GHz, 2GB RAM, 500GB HDD, DVD-RW, LCD Monitor. Software Used: Windows XP SP2 Professional,
2	Electronics Circuits & Logic Design Lab (09CSL38)	It is well equipped to conduct the experiments as per the curriculum. Enough number of Digital Trainer Kits is provided to conduct the experiments in groups of two students, as well as individually. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 1hr/week. Lab equipments are listed below. 1. IC TESTER

		2. Digital IC Tester 3. Digital IC trainer with built in power supply 4mm Terminals with high quality patch cards -40 Nos 4. Digital Multi-meters – 33/4 digit – Rishmulti-12S 5. Additional Patch Cards 6. Scientific Make 30MHz dual trace Oscilloscope 7. Regulated power supply DUAL 0-30V, 2 Amps 8. Regulated power supply SINGLE 0-30V, 2 Amps 9. Function generator 2MHz 10. Decade Resistance Box with 5 Dials 11. Fixed Power Supply (0 - +-12 V), 2 Amps 12. Fixed Power Supply (0 - +5 V), 2 Amps 13. DC Millimeters (0-30V) System Configuration: Intel PIV Processor 2.80 GHz,1GB DDR1 RAM,80GB IDE HDD,IBM Optical mouse, Keyboard, 17" CRT Lenovo Monitors Software Used: Windows XP SP2 Professional, Orcad Lite 9.0, Xilinx 8.0, MS-Office2003
3	Microprocessors Lab (09CSL57)	It is well equipped to conduct the experiments as per the curriculum. Enough number FRC Cables & Interface Cards are provided to conduct the experiments in groups of 2-3 students, as well as individually. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 1hr/week. Lab equipments are listed below 1. Logical controller interface cards 2. Elevator Simulator 3. Keyboard Interface 4. Stepper Motor + Power Supply Module (5V,1A)

		5. 7 Segment Display 6. Digital to Analog Converter(DAC)Power Supply for DAC 7. 4ft FRC Interface cables (for PC-Add on 48-lines I/O card) System Configuration: Intel PIV Processor 2.80 GHz,1GB DDR1 RAM,80GB IDE HDD,IBM Optical Mouse,Keyboard,17" CRT Lenovo Monitors Software Used: Windows XP SP2 Professional, MASM, MS-Office 2003
4	Database Application Lab (09CSL58)/Project Lab (CS84P) / Web Prog. Lab(09CSL77)	It is well equipped to conduct the Programs as per the curriculum. Each student is provided with a computer system to do laboratory programs. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 1hr/week. System Configuration: Intel Dual Core 3.10GHz, 2GB RAM, 500GB HDD, DVD-RW, LCD Monitor. Software Used: Windows XP SP2, Fedora 12,MS-Office 2007, Oracle 8i,Visual Basic 6.0
5	System Software Lab(09CSL68) / Network Lab(09CSL76)	It is well equipped to conduct the Programs as per the curriculum. Each student is provided with a computer system to do laboratory programs. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 1hr/week. System Configuration : Intel Pentium IV 2.93GHz, 256MB RAM, 80GB HDD, CD-R, FDD, CRT Monitor. Software Used: Windows XP SP2 Professional, Turbo C++ 3.0v,Ms-Office 2003, Fedora 8, NETSIM

39. List of doctoral students (No.s only)

a) from the host university Doctoral :7

b) from other universities :3

40. Number of Post Graduate students of the department getting financial assistance from College.

Not Applicable

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

b.Discussion with the Management, Director, Principal, Deans & HOD's

b. Based on the demand of the program – single window system.

c. Considering the suggestion given by the stakeholders

42. Does the department obtain feedback from

• Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it? Yes
The Board of Studies delegates the curriculum and detailed syllabus design among their faculty members. Based on their past experiences, the curriculum is enhanced to strengthen the Knowledge areas of learners. Also, during the time of content delivery, the class committee forum will obtain teaching-learning-evaluation feedback from student representatives and suggest corrective mechanisms. The faculty members are responsible to report the weak learners and conduct special coaching classes to improve their studies. The student's Counselor/Tutor evaluates the outcome of their wards and advises them through HoD and Principal and intimates the same to Parents.
• Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
Feedbacks are obtained from each student for each subject at the end of every semester and it is summarized. Based on the feedback, Suggestions and requisitions are given to the faculty members in the department meeting at the beginning of every semester.
• Alumni and employers on the programmes and what is the response of the department to the same?
Alumni give their feed back when they visit the college. They enlighten the major expectation of the industry and motivate the students through career guidance programme, Guest Lectures, Seminars which train the student for the expectation of industry.

43. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name of the Distinguished Alumni	Details of Occupation
1	Kiran Rao	MD, Deploy Co.Ltd
2	Brijesh kakade S	Senior Engineer, Verifone Technology Ltd.
3	Srinivas M.N	Principal consultant, Mind Tree,

		Bangalore
4	Ravi Simha	Team Leader, KPMG, Berlin
5	Shivam Kashyap	Managing Consultant, IBM, Sweden
6	Kishore Kumar	MetaData Manager, Illinois Institute of Technology
7	Anil Kumar K.T	Tech Lead, Mind Tree, Bangalore
8	Shruthi T	Senior consultant, Bayer Business Service
9	Asha M.P	Senior Software Engineer at Quintiler
10	Kavitha	Technical Lead, NDS, Bangalore

44. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Sl. No.	Title of the special lecture / workshop / seminar	Experts Name
1	"Robotrix workshop" organized by IEEE SSIT student chapter.	
2	IEEE SSIT chapter organized a MAT Lab Workshop 201coordination with Mohandas, Research	Mohan Das
3	A national level technical symposium "TANTRA-2011" was organized by ISTE student chapter on 24th and 25th November 2011. Events like paper presentation, Project exhibition, Quiz etc., were organized.	

45. List the teaching methods adopted by the faculty for different programmes.

2. Black Board Teaching
2. Power Point Presentation
3. Over Head Projector (OHP)
4. Laboratory to Classroom
5. Group Discussions
6. Quiz Program
7. Problem based learning
8. NPTEL

46. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Surprise test, quiz, Internal test and remedial teaching are conducted and evaluated. the performance is analyzed by the subjects handling staff. The difficulties faced by the student and staff are appraised then discusses with HOD and sorts out the problems.

47. Highlight the participation of students and faculty in extension activities.

5. Students are motivated to participate in national level Technical Symposium
6. Workshops, Hands-on training, seminars are conducted for the students to develop their technical skills.
7. Students are encouraged to attend the internship programs and implant training in industries / research institution
8. Students are encouraged to showcase their talents in projects and science Exhibition

48. Give details of "beyond syllabus scholarly activities" of the department.

- Department motivate the student to attend
  - Value added Course like Campus Connect by Infosys
- Institution Allows the student for Implant Training, Internship Programs and Industrial Visit every year

49. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Sl. No.	Name of accredited/ graded agencies
1	National Board of Accreditation
2	Tata Consultancy Service

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

As per the publications, completed and ongoing projects and the service rendered by the faculty in the administration at various capacities.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. The Department has well qualified and experienced staff members
2. The academic potential of the faculty is very high.
3. Many of the faculty's perusing research work.
4. Well equipped Laboratory, Library and internet facility.
5. Some of the faculty with doctorates is engaged in guiding the research scholars.
6. Recognized as research centre by SSAHE, Tumkur.
7. Department has post graduate program on Computer Science & Engineering

8. Seminar/Workshops/Conferences are organized regularly every year.

9. Publishing research article in referred journals and conferences.

10. Industry institute Interaction is very high.

Weaknesses:

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities:

1. Tumkur is very nearer to Bangalore, the department has ample opportunities to reach several major industries and to grow in contributing to the technology, development need of the industry.

2. Alumni interaction with the students and staff which leads to the growth of new technology interaction in the department.

3. Most real life problems require contributions from engineers.

4. Faculty development opportunities.

Challenges:

1. Relatively better standard student's intake to excel in their career.

2. Making the students aware of the latest developments in Computer Science & Engineering.

3. Overall development of average students admitted, to complete marketing products as software engineers.

52. Future plans of the department

4. To excel in Research and development activities in the field of Computer Science & Engineering

5. To find Computer Science & Engineering based solutions for real world problems using

6. To bring sponsored research project from various funding agencies

Evaluative Report of Information Science & Engineering

1. **Name of the Department** :- Information Science & Engineering
2. **Year of establishment :-** 2000
3. **Is the Department part of a School/Faculty of the university?**

   Yes, Faculty of Engineering
4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,)**

Programme	Specialization
B.E.	Information Science & Engineering
Ph. D.	Computer Science & Engineering

5. **Interdisciplinary courses and departments involved** Yes.

Name of Programme	Department involved
B.E. Information Science & Engineering	**Mathematics**

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

   Nil
7. **Details of programmes / courses discontinued, if any, with reasons:-** Nil
8. **Examination System**

   UG (Information Science Engineering) - Semester Based Credit System.
9. **Participation of the department in the courses offered by other departments :** Nil
10. **Number of teaching posts-**

Positions	Sanctioned	Filled
Professors	**2**	**1**
Associate Professors	**4**	**1**
Assistant Professors	**12**	**8**

11. **Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)**

Name of the Teacher	Qualification	Designation	Specialization	Number of years of Experience	Number of Ph.D. Students Guided in the last 4 Year

					s
Dr K. Karunakara	M.Tech Ph.D.	Prof. & H.O.D.	Computer Science	26 yrs	2 purs uing
Mr. A.N. Naveen Kumar	M.Tech,	Asso. Professo r	Computer Science	13 yrs	--
Mrs. Sushma M	M.Tech, (Ph.D)	Asst. Professo r	Information Technolog y	17 yrs	--
Mr. Chethan B.K.	M.Tech, (Ph.D)	Asst. Professo r	Computer Science	08 yrs	--
Mr. Vikhyath K.B.	M.Tech, (Ph.D)	Asst. Professo r	Computer Science	05 yrs	--
Mrs. Vani B.V.	M.Tech,	Asst. Professo r	Computer Science	14 yrs	--
Mr. Pradeep M	M.Tech,	Asst. Professo r	Computer Science	04 yrs	--
Mrs. Rashmi H.C.	M.Tech,	Asst. Professo r	Computer Science	03 yrs	--
Mrs. Champaka mala S	M.Tech,	Asst. Professo r	Computer Science	07 yrs	--
Mrs. Lajavanthi G.S.	M.Tech,	Asst. Professo r	Computer Science	03 yrs	--

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors- Nil

13. Percentage of classes taken by temporary faculty – programme-wise information-

Not Applicable

14. Programme-wise Student Teacher Ratio

Name of programme	Student Teacher Ratio
B.E (Information Science & Engineering)	13:1

15. Number of academic support staff (technical) and administrative staff.

Positions	Sanctioned	Filled
Technical Staff and Administrative Staff	**4**	**4**

16. Research thrust areas

Thrust areas of research in the department are:

1. Pattern Recognition.
2. Image Processing.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

2011-2012	01	An open and private cloud development, deployment and orchestration using canonical technologies. Karnataka State Council for science & Technology Sponsored Project

18. Inter-institutional collaborative projects and grants received

a **State Institutions :**

Sl.No	Name	Project Title	Funding Agencies	Year
1	**Mr. Jade Nagaraj**	**An open and private cloud development, deployment and orchestration using canonical technologies**	**Karnataka state council for science and technology**	**2011-12**

b **All India collaboration:** -Nil-

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. -Nil-

20. Research facility / center with

State recognition:

National recognition:

International recognition:

Department has been recognized as research center by Kuvempu University, Shivamogga.

21. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

22. Publications:

Sl.No	Name of the Authors	Tittle of the Paper	Name of the Journal	Page number & Volume	Year of Publication	Citation Index	Impact Factor

1	Dr. Karunakara K	Classification of Kannada font using Hilbert-Huang transform method Page 333-335, 2010.	International journal of Information Technology and knowledge management	ISSN 0973-4414	2011		
		Graph based approach to eliminate the Background of an image Vol. 02, Issue 02, June, 2011,	International Journal for Engineering Research and Industrial Application.	ISSN: 2230-8563; e-ISSN-2230-8571	2011		
		"Writer Identification based on offline Handwritten Document Images in Kannada language using Empirical Mode	International Journal of Computer Applications	Volume 30– No.6. ISBN-0975–8887	September 2011.	16	1.9

		Decomposition method ”					
		Novel based Search Engine	International journal of Innovative Technology and Exploring Engineering	Volume 4 Issue 4	September 2014		1.1
2	Mr. Chethan B K	The power control MAC using RIMA in Ad-Hoc Networks	International Journal of Research in Engineering and Advanced Technology(IJREAT),	Volume 1, Issue 5	Oct-Nov, 2013		1.479
		MAC Power Enhancement using Overlapped Carrier Sense Multiple Access	International Journal of Research in Engineering and Advanced Technology(IJREAT),	Volume 1, Issue 5	Oct-Nov, 2013		1.479
3	Mr. Vikhyath K B	The power control MAC using RIMA in Ad-Hoc Networks	International Journal of Research in Engineering and Advanced Technology(IJREAT),	Volume 1, Issue 5	Oct-Nov, 2013		1.479
		MAC Power Enhancement using Overla	International Journal of Research in Engineering and Advanced	Volume 1, Issue 5	Oct-Nov, 2013		1.479

		pped Carrier Sense Multiple Access	Technology(IJREAT),				
4	Mr. Pradeep M	An Efficient Routing Scheme for Wireless Sensor Networks	International Journal of Information Technology and Computer Science.	ISSN-2011 0204 87	2011		
5	Mrs. Champaka Mala	Hybrid framework for preserving privacy and secure authentication in distributed environment.	International Journal of Innovative Research and Studies Journal,	Volume 2, Issue 6.	June 2013		
		Multifactor based privacy and secure authentication scheme.	International Journal of Innovative Research and Studies Journal,	Volume 2, Issue 6.	June 2013		

Name	Total No. of Journal Publicatio	Total No. of Conference Publi	No. listed in international datab	Citation Index	SNIP	SJR	Impact fac	h-Index

	ns	catio ns	ase (Goo gle Schol ar, Etc.)				t o r	
Dr K Karunakara	4				0.75 8	0.2	1.017	-
MrChethan B K	2	2			-	-	-	-
MrVikhyath K B	2	2			-	-	-	-
Mr Pradeep M	1	1			-	-	-	-
MrsChampaka mala S	2	2						

- Monographs – NIL
- Chapter(s) in Books – NIL
- Edited Books – "8085 for working professionals" ISTE-Published.
- Books with ISBN numbers with details of publishers – NIL
- Number listed in International database (For e.g. Web of science Scopus Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.) : -Nil-
- Citation index – range / average
- SNIP
- SJR

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

National:

- IBM –MrsVani B V &MrsChampakamala S
- Philips : Dr K Karunakara
- Classle.net : MrVikhyath K B and MrsLajavanthi G S
- Infosys : Mr A N Naveen Kumar, MrsSushma and Mr Pradeep M
- EMC^2: MrChethan B K and MrsRashmi H C
- Pinaki Labs pvt Ltd: M Pradeep M

- Wipro : Mr A N Naveen Kumar, MrChethan B K &MrsSushma M

International:

- **Srilanka**

  University of peradeniya, Kandy, Srilanka – Dr K Karunakara

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl. No	Name of the Faculty	Role of the faculty in developmental activities
1	Dr. K Karunakara	Dean (Examination), SSIT, Tumkur
2	Mr A N Naveen Kumar	Member- BoS, SSAHE
3	MrChethan B K	Member- BoS, SSAHE

27. Faculty recharging strategies: Faculties are encouraged to participate in seminars, conferences, workshops, STTPs, Summer/winter schools, and Training programmes.

Faculties are motivated to attend

- Workshops.
- Seminars.
- National & International Conferences.
- Industrial Training.
- In house Seminars.

28. Student projects:

2014-2015		1. Student Information System using Web Technology 2. The Cardiac Atlas Project 3. Data Mining with Big Data 4. Android based Application for fall and distress detection systems 5. Big Data and Converge Data Sets to improve Decision making in Financial Institutions. 6. Enhancing Web Application Security 7. WARNING BIRD: A Near Real-Time Detection System for suspicious URL's in Twitter Stream. 8. Massively Parallel, In-Database Image Processing 9. Dynamic optimization of multi attributes resource allocation in self-organizing clouds 10. Cryptographic Solution for Big data in defense

		11. Improve the decision making in e-commerce using Business Intelligence and Analysis 12. Signature generation for sensitive Information leakage in Android Applications 13. Privacy Preserving Back – Propagation Neural Network Learning Made Practical with Cloud Computing 14. The Agile Supply Chain : Competing in volatile Markets
2013-2014		1. Offline Signature Recognition System Using EMD and HILLBERT-HUANG transform technique. 2. Knowledge base Search Engine. 3. BECAN: A bandwidth efficient co-operative authentication scheme for filtering injected false data in Wireless Sensor Networks. 4. Power Aware Routing Protocol for MANETS using Swarm Intelligence. 5. An Anonymous Location based Efficient Routing Protocol in MANETs 6. NICE: Network Intrusion detection and Counter measure Selection in Virtual Network Systems. 7. Reversible Data Hiding in Encrypted images by Reserving Room Before Encryption. 8. Dynamic Resource Allocation using Virtual Machines for Cloud Computing Environment. 9. Virtual Notice Board for Android Phone 10. Mob Safe:-cloud computing based forensic analysis for massive mobile applications using data mining 11. Mona Secure Multi Owner Data Sharing for Dynamic groups in the cloud. 12. Novel Edge Detection Algorithm using BHEA for medical Images 13. Self Destructing Data System based on active Storage framework. 14. Online course Registration System.
2012-2013		1. Wireless Multi-hop Video Streaming Using Android Phones 2. Exploiting Dynamic Resource Allocation for Efficient Parallel Data Processing in the cloud 3. Analysis of Facial Marks to Distinguish between Identical Twins 4. Recoverable Concealed Data Aggregation for Data Integrity in Wireless Sensor Networks 5. IRIS Recognition System on Image Processing 6. Cooperative Provable Data Possession for Integrity Verification in Multi Cloud Storage 7. Fast Data Collection in Tree Based Wireless Sensor Networks 8. Scalable and Secure Sharing of Personal Health Records in Cloud Computing using Attribute – Based Encryption
2011-2012		1. An Open and Private cloud development, deployment and orchestration using canonical technologies 2. Robust video data hiding using forbidden zone hiding and

		selective embedding 3. Optimal jamming attacks and network defense policies in WSN 4. Key Pre distribution Approach in WSN using LU Matrix 5. Towards secure and dependable storage services in cloud computing. 6. Exploiting dynamic resource allocation for efficient parallel data processing in the cloud 7. A novel method of language identification using Non-Negative Matrix factorization Technique 8. Honey Ant based co-operative data accumulation in WSN 9. Power management for throughput enhancement in Wireless Adhoc Networks
2010-2011		1. Voice Based Security Systems 2. An Efficient Association Rule Mining Algorithm In Distributed Databases. 3. CLOSENESS: A New Privacy Measure For Data Publishing. 4. Automatic Attendance Update Based On Face Recognition. 5. Result Merging Technique For Answering Xpath Query Over XSLI Transformed Data. 6. BINRANK: Scaling Dynamic Authority Based Search Using Materialized Sub Graphs. 7. A High Throughput MAC Protocol For Wireless Ad Hoc Networks. 8. Stenod: Image Compression For Client Server Authentication. 9. Copyright Protection Using Visible Digital Watermarking. 10. Handwriting Recognition Using NMF 11. Image Security Using Genetic Cryptography Technique. 12. Cardinality Based Inference Control In OLAP Systems. 13. Enhancing Privacy And Authorization Control Scalability In The GRID Through Ontologies. 14. Integrated Application Of Window HOOK Technology And Microsoft PIMA For Real Time Threat Monitoring And Controlling Network Attack. 15. Digital stenography 16. Motion Human Detection Based On Background Subtraction. 17. Randomized Protocol For Duplicate Elimination In Peer To Peer Storage Systems

Sl. No.	Name of the Programme	Percentage of students who have done in-house projects including Inter-departmental	Percentage of students doing projects in collaboration with Industries/Institutes
1	B.E. Information Science & Engineering	**73%.**	**27%.**

29. Awards / recognitions received at the national and international level by

- Faculty : -Nil-
- Students: -Nil -

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No	Name of the Facility	Amount Grant	Authority Granted
1	Workshop on "**IBM DB2"**	10000.00	IBM Bangalore
2	**"IBM Certification Exam"**	10000.00	IBM Bangalore
3	Workshop on "**Data mining and warehouse"**	10000.00	IBM Bangalore
4	Workshop on **"How to use Campus Cloud"**	10000.00	Classle, Chennai
5	Workshop on **"How to use NPTEL videos"**	10000.00	Classle, Chennai
6	Workshop on **"How to use LATEX"**	23000.00	TEQIP
7	Workshop on **"Computer Awareness & Usage for Benefit of Academic growth"**	98000.00	TEQIP
8	Workshop on **"Simulation of Wired and Wireless Networks using Qualnet and Exata"**	10000.00	Mr. Umesh, Nihan Solutions, Bangalore
9	Workshop on Android Applications	76000.00	TEQIP
10	Workshop on **"Digital Image Processing"**	100000.00	KSTA

31. Code of ethics for research followed by the departments:

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research.

32. Student profile Programme-wise: 2010-11 admitted batch completing BE in 2013-14 (UG)

Name of the Course	Admitted		Pass Percentage	
	Male	Female	Male	Female

B.E. Information Science & Engineering	31	36	87.1%	86.11%

33. Diversity of students (5 years)*

Name of the Course	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

GATE- Number of students appeared for GATE exam last three years: 30

35. Student progression

Student progression		Percentage against enrolled
UG to PG		22%
PG to Ph.D.		--
Ph.D. to Post-Doctoral		--
Employed	• Campus selection	58%
	• Other than campus recruitment	15%
Entrepreneurs		5%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	30%
from other universities within the State	70%
from universities from other States	

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: Ph.D: 1

1. Dr. K Karunakara, Prof and Head, Dept of ISE

38. Present details of infrastructural facilities with regard to

a) Library – Available

Sl. No.	Library	No. of Books		No. of Journals	
		Volumes	Titles	National	International
1.	Central	85045	25129	143	73
2.	ISE Division	17373	5632	13	8

Sl. No.	Name of the InfrastructuralFacility	Quantity / Details		
1	Library	Books	Volumes	Titles

			17373	5632
		Journals	National	International
			13	8
2	Internet for staff	Yes	20mbps leased line from BSNL & Airtel.	
3	Internet for students	Yes		
4	Number of class rooms	4 Class Rooms + 1 Seminar Hall		
5	Classrooms with ICT facility	-Nil-		

39. List of doctoral students (No.s only)

a from the host university Doctoral : 1

b from other universities : 1

40 Number of post graduate students getting financial assistance from the university?

Not Applicable

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- No new program has been introduced.

40. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

b. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of

studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

42 List the distinguished alumni of the department (maximum 10)

- Mr. SrikantaDatta Prasad T N from (2005-2009) currently working as a manager in oracle, USA.
- Smiki T. N., Chief Technology Officer, "SanviEventures", Opp. Sri Rama Temple, Govindapura, Bangalore – 560045, info@thegiftshop.in
- Mr. Prajwal from (2006-2010) currently doing his masters in United Kingdom.
- Mr. Shreesh Sinha from (2007-2011) working as R&D Engineer in Nokia.
- Mr. Jade Nagaraja from (2008-2012) was selected for fully funded Ph.D program by unielectronics private limited, United Kingdom.
- Miss. Veda Varnekar (2009-2013) currently pursuing her M.S in Loyola University Chicago.
- Mr. Rajesh P Hegde (2010-2014) entrepreneur.
- Kumar Reetesh, Entrepreneur, INPC Technologies, #43, 2nd Floor, Seethappa Layout, Gayathri Temple Road, Chamundinagara Main Road, R. T. Nagar Post, Bangalore – 560 032. reetsh.ipt@gmail.com, contact@inpctechnologies.com, Mobile: 9538590677, 8123090677

43 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures and seminars by external experts are conducted in the department time to time. The following are the few enrichment programmes conducted by the department during the last 5 years.

Sl.No	Name of the event	Description	Date
1	**TECHELON-10**	A State level Technical Symposium was organized by CSI Student Chapter.	March 24th 2010.
2	**Life Skills**	ISTE-SSIT chapter organized three days seminar.	March 11th to 13th 2011.
3	**Technical seminar Quiz**	ISTE-SSIT student Chapter has conducted a competition.	April 18th 2011.
4	**Technical Essay writing and Technical**	ISTE-SSIT student Chapter has conducted a competition.	April 20th 2011.

	Cartooning competition		
5	**TANTRA-2011**	ISTE student chapter organized TECH-FEST.	November 24th and 25th 2011.
6	**NCNS-12**	A National Conference.	November 6th and 7th of 2012.
7	**Next Generation Technology**	ISTE student chapter organized one day seminar.	March 17th 2014.
8	**Learn the concepts of Cloning Multiplicity and Stop Motion Animation**	A one day Workshop was organized by CSI Student Chapter.	April 26th 2013.
9	**Your Life does not get better by Chance it gets better by change**	A one day Workshop was organized by CSI Student Chapter.	April 26th 2013.
10	**Industry Prepared**	A one day Workshop organized by CSI Student Chapter.	May 11th 2013.
11	**Android Applications**	A two days' Workshop organized by department of ISE.	June 28th and 29th 2013.
12	**Technodia**	State level project exhibition – cum – competition.	May 2014.
13	**LATEX**	A one day Workshop organized by department of ISE.	April 20th 2014.

44 List the teaching methods adopted by the faculty for different programmes

- PowerPoint presentation.
- Over Head Projector(OHP)
- Activity Based
- Outcome based
- Group Discussions
- Quiz program
- Referring Internet for demonstration
- NPTEL videos

- Conduction of online quiz and aptitude test using Moodle.
- Student projects, seminars, assignments.

45 How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Continues evaluation methods internal assessment tests and Mid-Term Exams are conducted.
- Students are encouraged to take up internships in Industries or In-house projects.
- Regular tests for technical improvement.
- Seminars to enhance the communication skills.
- Question papers are set has per outcome based education.

46 Highlight the participation of students and faculty in extension activities.

- Internet awareness program
- Summer internship for high school students
- Visit to the rural schools to create awareness and use of information technology.
- Industry visit through campus connect programs.
- Environment awareness programs.
- Art and culture day to exhibit their talents.

47 Give details of "beyond syllabus scholarly activities" of the department.

- Value added courses have been introduced.
- In plant-Training, Internship Programs.
- Communication skill enhancement training.
- Technical skill enhancement programs.
- Technical talks, seminars and workshops on recent technology trends.

48 State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NBA Accredited.

49 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Establishment of Campus cloud facility for accessing of the information by the staff and students

Setting up of Data mining laboratory in collaboration with IBM, Bangalore

50 Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- Curriculum is designed on par with industrial requirement.
- Students with rural background and limited skills.
- Young and motivated faculty members.
- Establishment of consultancy cell.
- Sponsored research projects.
- Attracting core companies for placement.
- Performance of IT industries directly affects selection of the department during admission.

Weaknesses:

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

52. Future plans of the department.

- Considerable no. of Publications in refereed journals
- Increase the strength of faculty with Ph.D.
- Starting of M.Tech program.
- More Funded projects.
- Consultancy Cell.
- Patents.

Evaluative Report of Department Industrial Engineering & Management

1. **Name of the Department & its year of establishment:**

   Industrial Engineering & Management - 1983.

2. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

   UG – B.E (IEM)

   Ph.D (Part Time)

3. **Interdisciplinary courses and departments:** Nil

4. **Annual/ semester/choice based credit system:**

   Semester based credit system

5. **Participation of the department in the courses offered by other departments:**

Sl No	Name of the courses handled	Name of the department
1	Engg Physics (Theory & Lab)	Physics
2	Engg Chemistry (Theory & Lab)	Chemistry
3	Computer Concepts & Programming (Theory & Lab)	Computer Science & Engg
4	Basic Electrical Engg	E&E
5	Mechanical Engg Science	Mechanical Engg
6	Engg Maths (I,II,III,IV)	Mathematics
7	Basic Electronics Engg	E&C
8	Applied Mechanics	Civil Engg
9	Computer Aided Engg. Drawing	Mechanical Engg
10	Problem Solving	T C Engg.
11	Basic Workshop	Mechanical Engg
12	Computer Aided Machine Drawing	Mechanical Engg
13	Mechanical Measurement and Metrology Lab	Mechanical Engg
14	Machining Practice Lab	Mechanical Engg
15	Environmental Science	Civil Engg
16	Manufacturing Process Lab	Mechanical Engg
17	Material Testing & Metallographic Lab	Civil Engg
18	Mechanical Lab	Mechanical Engg

6. Number of teaching posts at present (Professors/Associate Professors/ Asst. Professors):

Professor-3 Nos

Associate Professor: 1 No

Assistant Professor: 4Nos

7. Faculty profile with name, qualification, designation, specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.) :

Name of the Faculty	Qualification, University and year of graduation	Designation and Date of joining the Institution		Total Number of Experience
Dr. R. Prakash	Ph.D S.K.U, 2010	Professor & Head	02-09-1988	27
Dr. S.N. Lakshminarasimhan	Ph.D. VTU, 2011	Professor	21-11-1991	24
Dr. Ashok Mehata	Ph.D.MGRU, 2011	Professor	10-01-1992	23
B.S.Ravikiran	ME(Ph.D.), 1992	Associate Professor	19-05-1997	22
Dr. Ramesh. D	Ph.D.,K U, 2014	Assistant Professor	08-12-1998	20
Dr. Hemanth Kumar . T.R.	Ph.D., K U,,2014	Assistant Professor	24-12-1999	19
D.Parameswaramurthy	M.Tech (Ph.D.), 1993	Assistant Professor	18-12-2000	16
Dr. Bhaskar H.B.	Ph.D.VTU, 2014	Assistant Professor	13-08-2008	12

8. Percentage of classes taken by temporary faculty – programme-wise information:

NIL

9. Programme-wise Student Teacher Ratio: UG B.E(IEM):15:1

10. Number of academic support staff (technical) and administrative staff:

Instructors-2 Nos

Non Technical Staff: 2 Nos

Sl No	Name of the Staff	Qualification	Designation
1	G.V.Nataraju	DME	Instructor
2	M.Chandrashekhar	DME	Instructor

3	S.Jayaramaiah	10th Std	Peon
4	M.Nagaraj	10th Std	Helper

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. NIL

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc: NIL

13. Research facility / centre with

- **State recognition**
- **National recognition**
- **International recognition :**

-NIL-

14. Publications: number of papers published in peer reviewed journals (national / international) : -46

International publication	2014-2015	17	1. Dr. R Prakash, Vijaykumar Kalwa, "Modelling and fabrication of solar powered air cooler with cooling cabin for house hold food itmes", International journal of Mechanical Engineering and Robotic Research (IJMERR-14), Vol .3, July 2014. 2. Dr. R Prakash, Vijaykumar Kalwa, "Design and development of solar powered air cooler", International journal of Science and Research (IJSR-14), Vol. 3, Issue 6, June 2014. 3. Dr. R Prakash, Bharat G, "Critical analysis of Fuel pump bleed valve for typical Jet engine using FMEA method", International Journal of Science and Research, vol. 3, Issue 6, June 2014. 4. Dr. R Prakash, Bharat G, "Redesign of spring pump fuel bleed valve for typical jet engine", International journal in IJOER, vol. 2, issue 3 June 2014. 5. Dr. S N Lakshminarasimhan, Yathin Raj, "Development and study of Abrasive wears and mechanical behavior of particulate filled polymeric composites", International journal of Engineering research, vol.2, issue 2, 2014, pp 47-56. 6. Dr. S N Lakshminarasimhan, Yathin Raj, "Advance in composite materials-Graphite

and its applications in modern composite world" International journal of Engineering research, issue 5, 2014, pp 68-75.
7. Dr. S N Lakshminarasimhan, Nagesh S, "Development of grain separator machine", International Journal of Engineering Research, 10th dec. 2014, vol.2, issue-6
8. B.S Ravikiran "Static And Dynamic Analysis on Compressor Blade", International Journal of Engineering Research, Vol.2, Issue.4, 2014, ISSN: 2321-7758, PP 144-152.
9. D. Ramesh, Chethana T.V, "Study on grain cleaning machines", International Scientific Research Journal, IV, Issue V, June-2014, ISSN No. 2330-7850, pp 1-5.
10. D. Ramesh, Chethana T.V, "Fabrication of pedal operated grain cleaner", International Journal Golden Research Thoughts, Vol. III, Issue XII, June-2014, ISSN No. 2231-5063, pp 1-8.
11. Dr. D Ramesh, H P Girishkumar, "Development of Agricultural seeding equipment" International Journal of informative & futuristic research, vol. 1, issue 10, June 2014, pp 133-138.
12. Dr. D Ramesh, H P Girishkumar, "Agricultural seed sowing equipment – a review", International Journal of Science, Engineering & Technology Research", vol. 3, issue 7, July 2014, pp 1987.
13. Dr. Hemanth Kumar T.R, Naveen V "Fabrication of oil separator in industry", International Journal Science and Research, Vol. 3, Issue 6, June 2014, pp 56-57.
14. Dr. Hemanth Kumar T.R, Naveen V "Oil separator from Industrial Liquid Waste", International Journal of Engineering Research, Vol. 2, Issue 3, June 2014, pp 71-79.
15. D. parameswaramurthy, Shivaraja kumar, "Development of wheel driven sprayer", International Journal of engineering research (IJOER-14), vol. 2, issue 3, ISSN:2321-7758, pp 79-85.
16. D. parameswaramurthy, Shivaraja kumar, "Design and development of sheel and

			pedal operated sprayer", International Journal of Mechanical Engineering (IIJME), ISSN 2321-6441, vol. 2, issue 6, pp 22-25. 17. Bhaskar H B, Eranna H, "Development of Pneumatically operated compression molding machine", Interanational Journal of Engineering Research online, Vol. 2, Issue-IV, July 2014, ISSN:2321-7758, pp 62-67.
	2013-2014	2	1. B. S Ravikiran, "Critical Factors For Success Of Innovative Agriculture Machines Of Small Entrepreneurs", International Journal of Management Research and Business Strategy, Vol 2,Issue 1,January 2013,PP 33-38 (ISSN:2319-345X) 2. Bhaskar H.B. and Abdul Sharief, "Effect of Heat Treatment on Abrasive Wear Behavior of Al2024–Beryl Particulate Composites", *International Conference on Emerging Trends in Mechanical Engineering (ICETME-2013),* G. H. Patel College of Engineering & Technology, 4th – 5th January, 2013, Vallabh Vidyanagar – 388120, Gujarat, India.
	2012-2013	7	1. B. S Ravikiran, "Success Factors for Innovative Agriculture Machines of Small Entrepreneurs: A Case Study Of Tumkur District in Karnataka**",** International Journal of Emerging Trends in Engineering and Development (IJETED)**,** Vol 6,Issue 2,September 2012, PP 287-294,(ISSN:2249-6149) 2. B. S Ravikiran, "Study on the Success Factors for Innovative Agriculture

			Machines of Small Entrepreneurs", International Journal of Management, IT and Engineering(IJMIE), Vol 2,Issue 12, December 2012, PP 254-263, (ISSN:2249-0558) 3. B. S Ravikiran, "Role of Vital factors for the Success of Products of Small Entrepreneur", International Journal of Modern Engineering Research, Vol 2,Issue 1, Jan –Feb 2012,(ISSN:2249-6645) 4. B. S Ravikiran "Critical Factors for the Success of Innovative Products of Small Entrepreneurs", International Journal of Engineering Sciences and Emerging Technologies(IJESET) Vol 2,Issue 1 ,April 2012 (ISSN: 2231–6604) 5. B. S Ravikiran "Critical Success Factors for the Products of small Entrepreneurs", Global Journal of Mechanical Engineering and Computational Science, Vol 2,Issue 1,2012,PP48-51,(ISSN:2277-6664) 6. *D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Sand Abrasive Wear Behaviour of Aluminium-Frit Particulate Metal Matrix Composites", International Journal Emerging trends in Engineering and Development, ISSN: 2249-6149, Vol.5, Issue 2(July- 12), pp 231-237.* 7. Bhaskar H.B. and Abdul Sharief, "Tribological Properties of Aluminium 2024 alloy–Beryl Particulate MMC's", *Bonfring International journal of Industrial Engineering and Management Science,* DOI:10.9756/BIJIEMS.1845, Vol.2, No.4, pp.143-147, December 2012.

	2011-2012	4	1. B. S Ravikiran "**Success of Small Entrepreneurs-Role of Critical Factors",** International Journal of Engineering and Management Research (IJEMR), Vol 2, Issue 3,June 2012,PP 1-5,(ISSN:2250-0758) 2. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "A Statistical Approach to Study the Influence of Parameters on Sand Abrasive Wear of Al6061/Frit Composites", *International Journal of Materials Sciences*, ISSN: 0973-4589, Vol.6, No.4 (2011) pp 455-463. 3. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "A Statistical Approach to Study the Influence of Parameters on Sand Abrasive wear of Al6061/Frit Composites", *International Journal of Materials Sciences*, ISSN: 0973-4589, Vol.6, No.4 (2011) pp 455-463. 4. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Tribological Behavior of Al-Cu-Mg alloy / TiO_2 Metal Matrix Composite. International Journal of Material Science, Volume 6. Number 3. 2011. PP. 341-348.
	2010-2011	-	
National publication	2014-2015	7	1. Dr. S N Lakshminarasimhan, Nagesh S, "Modelling and fabrication of grain separator machine" Science Park Research Journal, 12th June 2014, vol.1, issue-47 2. B.S Ravikiran, Design and Development of Solar Water Cooler", Industrial Science Journal, Vol 2, Issue 4,June 2014,PP 1-13 (ISSN:2347-5420) 3. B.S Ravikiran,"Finite Element Analysis on Axial compressor Blade", Industrial Science Journal, Vol.1, Issue.6, Aug. 2014, ISSN : 2347- 5420,PP- 1-8. 4. D. Ramesh, Chethana T.V, "Development of pedal operated grain cleaner", Elsevier, "Field crop research'. 5. D. Parameswaramurthy, Girish T, "Development of conceptual model of

			cross trainer for water pumping", Review of Research, vol. 3, issue 9, June 2014, Impact factor:2.1002 (UIF) ISSN:2249-894X. 6. D. Parameswaramurthy, Girish T, "Development of conceptual model of cross trainer for water pumping and battery charging", IJOER, ISSN:2321-7758. 7. Bhaskar H B, Eranna H, "Development of Temperature and pressure variable Pneumatically operated compression molding machine", Science Park Research Journal, vol. I, Issue-48, 19th June 2014, DOI:10.9780/2321-8045/1202031/49, pp 1-7.
	2013-2014	4	1. B. S Ravikiran, "Vital Success Factors For Innovative Agriculture Machines Of Small Entrepreneurs", International Conference on Emerging Trends in Mechanical Engineering, organized by G. H. Patel College of Engineering & Technology, V. V. Nagar- 388120, Anand, Gujarat, during 4th -5th January 2013.(ISBN:978-1-61233-6244). 2. Dr. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar, An experimental investigation of wear parameters of metal matrix composites using the Taguchi technique, Indian journal of Engineering & Material Science, Vol 20, August 2013, pp. 329-333. 3. Dr. T.R. Hemantha Kumar, Mohammed Iqbal Khatib, "Development of coconut leaves", Golden Research thoughts, ISSN 2231-5063, IP: 2.2052(UIF), vol. 3, Issue 12, June 2014. 4. Dr. T.R. Hemantha Kumar, Mohammed Iqbal Khatib, "Study of coconut leaves cutter machine – a review", "Review of research, ISSN:2249-894X(UIF), IP: 2.1002, vol. 3, issue 9, June 2014.
	2012-2013	6	1. B. S Ravikiran "Enabling Success Factors and Strategies for Products of Small Entrepreneurs", ARPN Journal of Engineering and Applied sciences Vol 7 No 2, Feb 2012. Record No.: 247-250, (ISSN 1819-6608) 2. B. S Ravikiran "Role of Vital Factors for

			the Success of Products of Small Entrepreneurs", Journal of Entrepreneurship and Management,Vol 1, Issue 2,June 2012,PP22-26,(ISSN:2277-6850) 3. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Role of Heat Treatment on Al6061- Frit Particulate Composites", *Journal of Minerals & Materials Characterization & Engineering*, ISSN: 1539-2511**,** Vol. 11, No.4 (2012), pp 453-462. 4. Bhaskar H.B. and Abdul Sharief, "Effect of Solutionizing and Ageing on Hardness of Al2024-Beryl Particulate Composite", *Journal of Mechanical Engineering & Technology*, ISSN: 2180-1053, Vol. 4, No. 1, pp. 81-90, 2012. 5. Bhaskar H.B. and Abdul Sharief, "Effect of Solutionizing on Dry Sliding Wear of Al2024-Beryl Metal Matrix Composite", *Journal of Mechanical Engineering and Sciences*, e-ISSN: 2231-8380; Volume 3, pp. 281-290, December 2012. 6. Bhaskar H.B. and Abdul Sharief, "Dry Sliding Wear Behaviour of Aluminium/ $Be_3Al_2(SiO_3)_6$ Composite using Taguchi Method " *Journal of Minerals & Materials Characterization & Engineering, Scientific Research*, ISSN: 2327 4077-85, Vol. 11, pp. 679-684, 2012.
	2011-2012	3	1. *D.Ramesh, R.P.Swamy,* T.K.Chandrashekar, "Abrasive Wear Behavior of Al6061- Frit Particulate Composites", *Journal of Mechanical Engineering & Technology*, ISSN: 2180-1053, Vol. 3, No. 2 (July-December 2011), pp 43-54. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K.Chandrashekhar Optimization of wear rate in Metal Matrix Composite using – Taguchi technique. Indian Journal of Engineering, Science and Technology, Vol.5, No. 1, Jan-June 2011. Pp. 06-12 2. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Taguchi Technique for the Simultaneous Optimization of Tribological Parameters in

			Metal Matrix Composite. Journal of Metals Minerals Characterization and Engineering. Vol 10, No. 12 PP. 1179-1188. 2011 3. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Tribological Studies on discontinuously reinforced Metal Matrix Composite using – Design of Experiment. Journal of Manufacturing Engineering, June 2011, Vol. 6, Issue 2, pp 106-110
	2010-2011	01	**1.** D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Effect of weight percentage on mechanical properties of Frit particulate reinforced Al6061 composites", *ARPN Journal of Engineering and Applied Sciences*, Vol.5, No.1 (January 2010), pp 32-36.

Name of the faculty member	Particulars
B. S. Ravikiran	**Journal Publications:** **1.** B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012) "Role of vital factors for the success of products of small Entrepreneur ", International Journal of Modern Engineering Research, Vol 2,Issue 1, Jan –Feb 2012,(ISSN:2249-6645) **2.** B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012) "Enabling success factors and strategies for products of small entrepreneurs", ARPN Journal of Engineering and Applied sciences Vol 7 No 2, Feb 2012. record No**.:** 247-250,(ISSN 1819-6608) **3.** B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012) "Critical factors for the success of innovative products of small Entrepreneurs", International Journal of Engineering Sciences and Emerging Technologies(IJESET) Vol 2,Issue 1 ,April 2012 (ISSN: 2231–6604)

4. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012)" Critical success factors for the products of small Entrepreneurs", Global Journal of Mechanical Engineering and Computational Science, Vol 2,Issue 1,2012,PP48-51,(ISSN:2277-6664)

5. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012)" Role of Vital Factors for the success of products of small Entrepreneurs", Journal of Entrepreneurship and Management,Vol 1, Issue 2,June 2012,PP22-26,(ISSN:2277-6850)

6. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012) " S**uccess of Small Entrepreneurs- Role of Critical Factors",**International Journal of Engineering and Management Research (IJEMR)**,** Vol 2, Issue 3,June 2012,PP 1-5,(ISSN:2250-0758)

7. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012),"Success Factors For Innovative Agriculture Machines Of Small Entrepreneurs: A Case Study Of Tumkur District In Karnataka**",** International Journal of Emerging Trends in Engineering and Development (IJETED)**,** Vol 6,Issue 2,September 2012, PP 287-294,(ISSN:2249-6149)

8. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012)," Study on the Success Factors for Innovative Agriculture Machines of Small Entrepreneurs", International Journal of Management, IT and Engineering(I J M I E), Vol 2,Issue 12,December 2012, PP 254-263 (ISSN:2249-0558)

9. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2013)," Critical Factors For Success Of Innovative Agriculture Machines Of Small Entrepreneurs", International Journal of Management Research and Business Strategy,Vol 2,Issue 1,January 2013,PP 33-38 (ISSN:2319-345X)

International Conferences:

1. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012), "Enabling Success Factors and Strategies for Products of Small Entrepreneurs" ,9th AIMS International Conference on Management organized at Foundation for Liberal and Management Education,Pune during 1st -4th January 2012

2. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012), "Critical Success Factors For The Innovative Products Of Small Entrepreneurs", International Conference on Challenges and Opportunities in Mechanical Engineering, Industrial Engineering and Management Studies (ICCOMIM-12) organized by M.S.Ramaiah Institute of Technology, Bangalore during 11th -13th July 2012. (ISBN :978-93-82338-05-5)

3. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2013)," Vital Success Factors For Innovative Agriculture Machines Of Small Entrepreneurs", International Conference on Emerging Trends in Mechanical Engineering, organized by G. H. Patel College of Engineering & Technology, V. V. Nagar- 388120, Anand, Gujarat, during 4th -5th January 2013.(ISBN:978-1-61233-6244)

4. B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2013)," Critical Success Factors for the Products of Small Entrepreneurs",2nd

	International Conference on Emerging Markets and Issues in Management(ICEMIM 2013) organized by VIT University,Vellore,TN State during 19th -20th April 2013 **National Conferences:** **1.** B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2012)," Critical Factors For The Success Of Innovative Agriculture Machines Of Small Entrepreneurs", National Conference on Entrepreneurship organized by Dayanandasagar College of Engineering, Bangalore during 25th -27nd October 2012, (ISBN :978-93-81583-64-7 **2.** B. S. Ravikiran & Dr.C. B. Vijaya Vittala (2013)," Vital Factors For The Success Of Agricultural Machines Of Small Entrepreneurs", National Conference on Emerging Business Opportunities and Challenges-2013, organized by R.V.Institute of Management, Bangalore during 22nd -23rd March 2013.
D.Ramesh,	**Journal papers:** 1. Dasappa Ramesh, Ragera Parameshwarappa Swamy, Tumkur Krishnamurthy Chandrashekar, "Corrosion Behaviour of Al6061-Frit Particulate Metal Matrix Composites in Sodium Chloride Solution**",** *Scientific Research Journal of Minerals and Materials Characterization and Engineering*, Vol.1(January 2013), pp.15-19. 2. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, **"**Sand Abrasive Wear Behaviour of Aluminium-Frit Particulate Metal Matrix Composites", *International Journal Emerging trends in Engineering and Development*, ISSN: 2249-6149, Vol. 5, Issue 2(July- 2012), pp 231-237. 3. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Abrasive Wear Behavior of Al6061- Frit Particulate Composites", *Journal of Mechanical Engineering & Technology*, ISSN: 2180-1053,

Vol. 3, No. 2 (July-December 2011), pp 43-54.

4. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Role of Heat Treatment on Al6061- Frit Particulate Composites", *Journal of Minerals & Materials Characterization & Engineering*, ISSN: 1539-2511**,** Vol. 11, No.4 (2012), pp 453-462.
5. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "A Statistical Approach to Study the Influence of Parameters on Sand Abrasive Wear of Al6061/Frit Composites", *International Journal of Materials Sciences*, ISSN: 0973-4589, Vol.6, No.4 (2011) pp 455-463.
6. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Effect of weight percentage on mechanical properties of Frit particulate reinforced Al6061 composites", *ARPN Journal of Engineering and Applied Sciences*, Vol.5, No.1 (January 2010), pp 32-36.

International conference / National conference papers

1. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Fabrication and Evaluation of the Mechanical Properties of Al6061-Frit Particulate Composites". International conference ICETME-2013. 4-5 January-2013, GCET, ANAND, GUJRAT.
2. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Mechanical Properties of Al/Frit and Al/Beryl Metal Matrix Composites", National conference, RAMEIII 20-22 September-2012, PDACE, GULBURGA.
3. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "A Statistical Approach to Study the Influence of Parameters on Sand Abrasive Wear of Al/ Frit Composites", International conference ICCOMIM-2012, July 11-13. MSRIT, BENGALURU.
4. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Tensile

	property comparison with parent Aluminium", International Conference AMMMT -2010, 18-19 November – 2010, SIT, TUMKUR. 5. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Dry sliding wear of Aluminium/Frit composite", International Conference FIME-2010, 20–22 May–2010, NITK, SURATHKAL. 6. D.Ramesh, R.P.Swamy, T.K.Chandrashekar, "Frit particulate Reinforced composites of an Al-Si-Mg-Cu alloy; tensile property comparison with parent alloy", International Conference ICSE-2010, 21-23 April–2010, DSI, BENGALURU.
T.R.Hemant Kumar	**JOURNAL PUBLICATIONS** **1.** T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar, An experimental investigation of wear parameters of metal matrix composites using the Taguchi technique, **Indian journal of Engineering & Material Science**, Vol 20, August 2013, pp. 329-333 **2.** T. R. Hemantha Kumar, Dr.R.P. Swamy and Dr.T.K.Chandrashekhar Optimization of wear rate in Metal Matrix Composite using – Taguchi technique. **Indian Journal of Engineering, Science and Technology**, Vol.5, No. 1, Jan-June 2011. pp. 06-12 **3.** T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Taguchi Technique for the Simultaneous Optimization of Tribological Parameters in Metal Matrix Composite. **Journal of Metals Minerals Characterization and Engineering**. Vol 10, No. 12 PP. 1179-1188. 2011 **4.** T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Tribological Behavior of Al-Cu-Mg alloy /

TiO_2 Metal Matrix Composite. **International Journal of Material Science,** Volume 6. Number 3. 2011. PP. 341-348.

5. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Tribological Studies on discontinuously reinforced Metal Matrix Composite using – Design of Experiment. **Journal of Manufacturing Engineering**, June 2011, Vol. 6, Issue 2, pp 106-110

CONFERENCE PUBLICATIONS:

1. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Application of Factorial Experiment Design Techniques to Study Abrasive wear behavior of MMCs, **International conference on AMMMT-2013,** Siddaganga Institute of Technology, Tumkur, India , 3rd -4th May-2013,

2. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Corrosion properties of Al-Cu-Mg / Titanium dioxide particulate reinforced Metal Matrix Composites, **National conference on SMTEE-2013,** March-2013, Mangalore Institute of Technology, Moodabidire, Mangalore, Karnataka

3. T.R. Hemantha Kumar, Dr. R.P. Swamy and Dr.T.K. Chandrashekhar Mechanical properties of Al-Cu-Mg – Titanium Dioxide particulate reinforced Metal matrix Composite. **International Conference on Advanced Materials, Manufacturing & Thermal Sciences.** AMMMT-2010. 18th -19th November 2010**.** Siddaganga Institute of Technology, Tumkur, India.

4. T. R. Hemantha Kumar, Dr. R.P. Swamy and Dr. T.K. Chandrashekhar Tribological behavior of Al-Cu-Mg alloy /TiO_2 Metal Matrix Composite. **International Conference on Frontiers in Mechanical Engineering**-FIME 2010, 20 -

	22 May 2010, NIT- Karnataka, Surathkal, Mangalore, India.
Bhaskar H.B.	**Journal Publications:** 1. Bhaskar H.B. and Abdul Sharief, "Effect of Solutionizing and Ageing on Hardness of Al2024-Beryl Particulate Composite", *Journal of Mechanical Engineering & Technology*, ISSN: 2180-1053, Vol. 4, No. 1, pp. 81-90, 2012. 2. Bhaskar H.B. and Abdul Sharief, "Effect of Solutionizing on Dry Sliding Wear of Al2024-Beryl Metal Matrix Composite", *Journal of Mechanical Engineering and Sciences*, e-ISSN: 2231-8380; Volume 3, pp. 281-290, December 2012. 3. Bhaskar H.B. and Abdul Sharief, "Tribological Properties of Aluminium 2024 alloy–Beryl Particulate MMC's**",** *Bonfring International journal of Industrial Engineering and Management Science*, DOI:10.9756/BIJIEMS.1845, Vol.2, No.4, pp.143-147, December 2012. 4. Bhaskar H.B. and Abdul Sharief, "Dry Sliding Wear Behaviour of Aluminium/ $Be_3Al_2(SiO_3)_6$ Composite using Taguchi Method " *Journal of Minerals & Materials Characterization & Engineering, Scientific Research*, ISSN: 2327 4077-85, Vol. 11, pp. 679-684, 2012. **National / International Conferences:** 1. Bhaskar H.B. and Abdul Sharief, "Effect of Heat Treatment on Abrasive Wear Behavior of Al2024–Beryl Particulate Composites", *International Conference on Emerging Trends in Mechanical Engineering (ICETME-2013)*, G. H. Patel College of Engineering & Technology, 4^{th} – 5^{th} January,

	2013, Vallabh Vidyanagar – 388120, Gujarat, India. 2. Bhaskar H.B. and Abdul Sharief, "Dry Sliding Wear Behaviour of Aluminium 2024 alloy –Beryl Particulate Metal Matrix Composites" *International Conference on Challenges and Opportunities in Mechanical Engineering, Industrial Engineering and Management studies (ICCOMIM-2012),* on 11th to 13th July 2012, M. S. Ramaiah Institute of Technology, Bangalore, Karnataka. 3. Bhaskar H.B., Abdul Sharief and T.K. Chandrashekar, "Hardness and Tensile Strength of Aluminium Matrix – Beryl Reinforcement Composites", *National Conference on "Developments in Composite Materials and Processes"* (DCMP-2011) on 7th to 9th April 2011, Don-Bosco Institute of Technology, Mysore Road, Bangalore -74, Karnataka. 4. Bhaskar H.B. and Abdul Sharief, "Role of Reinforcement on Mechanical Properties of Al2024-Beryl Particulate Metal Matrix Composite", *National Conference on Evolving Techniques in Mechanical Engineering, (ETME'12),* on 23rd & 24th August 2012, Sri Venkateshwara College of Engineering and Technology, Thirupachur, Thiruvallur, Tamilnadu, India. 5. Bhaskar H.B, Abdul Sharief, D. Ramesh, R.P. Swamy and T.K. Chandrashekar, "Mechanical Properties of Al/Frit and Al/Beryl Metal Matrix Composites", *National Conference on Recent Advances in Mechanical Engineering and their Imapact on Indian Industries"* on 20th & 22nd September 2012, PDA College of Engineering, Gulbarga, Karnataka. 6. Bhaskar H.B. and Abdul Sharief, "Beryl Particulate Reinforced Aluminium Metal Matrix Composites for Electronic Applications", *National Conference on Smart*

	Materials and Technologies for Emerging Electronics (NC-SMTEE-2013), on 8th & 9th March 2013, Mangalore Institute of Technology and Engineering, Moodabidri, Mangalore, Karnataka.

15. List of Books/Monographs Published:-NIL-

16. Details of patents and income generated: Nil

17. Areas of consultancy and income generated: Nil

18. Faculty recharging strategies

- Conducting and Attending Faculty Development Programs
- Presenting Paper in Conferences
- Conducting Special lectures and Guest lectures

19. Student projects

2014-2015	06	1. Design and development of hydraulic jaws 2. Solid waste management in tumkur city 3. Metal gas obstacle detection and separation robot 4. Implementation of 7 Q.C tools on Rocker arm of IC Engine 5. Productivity improvement in leather watch strap manufacturing 6. Process optimization on Pneumatic process using SMED techniques
2013-2014	06	1. Optimization of surface roughness in turning operation using Taguchi method 2. Improving the quality of performance of Maxi-Rib and mystery Tyres using Quality Tools. 3. Implementation of Six Sigma on Hydraulic Gear pump. 4. Optimization of shop floor using Time and Motion study 5. Improvement of fumes extraction process from Electric arc furnace in a manufacturing industry 6. Improvement of Quality of connecting rod using Statistical process control
2012-2013	06	1. Capacity Assessment and Assembly Line Balancing for Metro Car 2. Process Standardization by using time study techniques 3. Prototype Model of Robot for Drilling process 4. Inventory Management of Engineering spares 5. Delay Time Analysis in Drop Hammer Forging Machine. 6. Cost Reduction Analysis of Machine Parts

2011-2012		1. Cycle time reduction in manufacturing of Commutator – using method study 2. Redesign of internal milk run router to enhance productivity, 3. Characterization of Mechanical and tribological properties of Aluminum –Beryl metal matrix composites. 4. Cost reduction through Lean Six Sigma.
2010-2011		1. Performance and reliability improvement of an automobile. 2. Inventory control of Engineering spare parts in UB Ltd.

- **percentage of students who have done in-house projects including inter-departmental**
- **percentage of students doing projects in collaboration with industries / institutes**
- **Percentage of students doing in-house projects: 28%**
- **Percentage of students doing projects collaboration with industries: 72%**

20. Awards / recognitions received at the national and international level by

- **Faculty**
- **Doctoral / post doctoral fellows**
- **Students:**

-NIL-

21 Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.:-TEQIP Funded

Sl.No	Workshop Title/Programme	Duration	Date and Place	Organized by
1	Total Quality Management	1 day	24th April 2013	Dept. of IEM, SSIT
2	Operation Research in Engineering Applications	3 days	20th – 22nd March 2014	Dept. of IEM and TCE, SSIT
3	Nano Materials in Science and Engineering	1 Week	25th - 29th Mar.14	Dept. of IEM and Physics, SSIT
4	"Advanced Techniques in Manufacturing"	3 days	28-30 October 2014	Dept. of IE &M, SSIT
5	Six Sigma Green	1 Week	10th -14th	Dept. of IEM,

	Belt		Aug,2013	SSIT
6	Critical Issues on Product Design and Manufacturing	1 Week	18th to 22nd Dec. 2013	Dept. of IEM, SSIT
7	Technical Talk on Importance of grinding operation in Manufacturing Process By V.Subramanyakumar Sales Manager Tyrolit India Pvt Ltd,Bangalore	1 day	12-2-2013	Dept. of IEM, SSIT
8	Talk on communication Skills by SS Aradhya, Prof &Head, Dept of English, SSFGC,Tumkur	1 day	20-3-13	Dept. of IEM, SSIT
9	Workshop on TQM in Industries by Vinay,Manager Karmobiles ltd, Tumkur	1 day	24-4-13	Dept. of IEM, SSIT
10	Technical Talk on Application of IT in Industries by HV Vinay, TCS, Hyderabad	1 day	24-2-2014	Dept. of IEM, SSIT
11	Technical Talk on CFD applications in Automotive industries by Raju Ramaiah, R&D Engineer, MHI Pvt Ltd, Bangalore	1 day	14-5-2015	Dept. of IEM, SSIT

22. Diversity of students

% of students from the state	% of students from outside the state	% of students from other countries
90%	10%	-NIL-

23. How many students have cleared Civil Services, Defense Services,NET, SLET, GATE

and any other competitive examinations?

GATE: **02**

GRE/TOEFL/IELTS: **03**

Defence service: **01**

24 Students Progression: in terms of % total Students passed out: 17 Nos

(2014 batch passed)

UG to Higher studies within the country	23.53%
UG to Higher studies outside the country	17.65%
Campus Placed	5.88%
Off campus placement	41.18
Entrepreneur	11.76%

25. Diversity of staff:

Percentage of faculty who are graduates:

- of the same parent university **13 (1/8)**
- from other universities within the State **87 (7/8)**
- from other universities from other States **-NIL**

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Year	Number of Faculty awarded Ph.D
2009-2010	01
2010-2011	02
2011-2012	nil-
2012-2013	-nil-
2013-2014	03

27. Present details about infrastructural facilities

a) Library

b) Internet facilities for staff and students

c) Total number of class rooms

d) Class rooms with ICT facility

e) Students' laboratories

f) Research laboratories:

Room descripti	Usage	Shared/ exclusi	Capacity (sq.m	Rooms equipped with PC, internet, book rack, meeting space, etc.
Room-307	Dept. Semina r hall	Exclusive	90 (84 Sq.m)	60 individual chairs, podium, Glass and white board, internet facility, facility for using projector, adequate number of fans and lights, 3 windows with
Room-308	Class room for 3rd year	Exclusive	60 (56 Sq.m)	15 benches (3 students per bench), Podium, Glass board, internet, facility for
Room-309	Class room for 2nd year	Exclusive	90 (84 Sq.m)	15 benches (3 students per bench) and 40 drawing boards, Podium, Glass board, internet, facility for projector, adequate number of fans and lights 3
Room-206 (S B)	Class room for 1st year	Shared	90 (84 Sq.m)	20 benches (3 students per bench), Podium, Glass board, internet, facility for projector,
Room-310	HOD & Faculty Meetin	Exclusive	26 Sq. m	3 tables, 1 exhaustive chair, 10 chairs, internet, facility for projector, adequate number of fans systems,
Room-311	Faculty Membe r	Exclusive	60 (56 Sq.m)	1 exhaustive chair and table, 4 chairs, internet, facility, fan, system, printer and lights , windows with glass doors
Room-312	Faculty Membe rs	Shared	60 (56 Sq.m)	4 cubical, individual exhaustive chair and table, chairs, internet, facility, fan, system and lights , windows with
Annex -1	Faculty Membe r	Exclusive	10 Sq.m	1 exhaustive chair and table, 4 chairs, internet, facility, fan, system, printer and lights , windows with glass doors

Annex -1	Dept. Library	Exclusive	10 Sq.m	10 chair and 2 reading table, system, fan, 4 cupboards and lights, windows with glass doors

Rooms equipped with PC, internet, book rack, meeting space, etc.	Room description	Location
• Paper projector, • Glass and white board, • Internet facility, LCD, • Facility for using projector, OHP,	Room-307	Dept. Seminar hall
• Glass and white board, • Internet facility, LCD, • Facility for using projector, OHP,	Room-308	Class room for 3rd year
• Glass and white board, • Internet facility, LCD, • Facility for using projector, OHP,	Room-309	Class room for 2nd year

Room descriptio	Usage	Capacity (sq.mt)	Rooms equipped with PC, internet, book rack, meeting space, etc.
Room-307	Dept. Seminar hall	90 (84 Sq.m)	• 60 individual chairs, • adequate number of fans • Florescent lights, • good ventilation
Room-308	Class room for 3rd year	60 (56 Sq.m)	• 40 seat capacity, • adequate number of fans • Florescent lights, • good ventilation
Room-309	Class room for 2nd year	90 (84 Sq.m)	• 40 seat capacity, • adequate number of fans • Florescent lights, • good ventilation

Room description	Usage	Shared/ exclusive	Rooms equipped with PC, internet, book rack, meeting space, etc.
Room-310	HOD & Faculty Meeting	Exclusive	• 3 tables and 5 cupboards • 1 exhaustive chair and visitor chairs, • Internet facility • system, fax, zerox and printer
Room-311	Faculty Member	Exclusive	• 1 table and 1 cupboard • 1 exhaustive chair and visitor chairs, • Internet facility • 1 system.
Room-312	Faculty Members	Shared (2 cubical Individual and 2	• 1 table and 1 cupboard • 1 exhaustive chair and visitor chairs, • Internet facility • 1 system,
Annex -1	Faculty Member	Exclusive	• 1 table and 1 cupboard • 1 exhaustive chair and visitor chairs, • Internet facility

Room description	Usage	Shared/ exclusive	Capacity (sq. mt)	Rooms equipped with PC, internet, book rack, meeting space, etc.
Room-307	Dept. Seminar hall	Exclusive	90 (84 Sq.m)	60 individual chairs, podium, Glass and white board, internet facility, facility for using projector, adequate number of fans and lights, 3 windows with glass doors.

Room-308	Class room for 3rd year	Exclusive	60 (56 Sq.m)	15 benches (3 students per bench), Podium, Glass board, internet, facility for projector, adequate number of fans and lights 2 windows with glass
Room-309	Class room for 2nd year	Exclusive	90 (84 Sq.m)	15 benches (3 students per bench) and 40 drawing boards, Podium, Glass board, internet, facility for projector, adequate number of fans and lights 3 windows with glass

Laboratory description in	**Exclusive use /**	**Space, number**	**Number of experime**	**Quality of instrum**	**Laboratory manuals**
Manufacturing Process Lab.	Exclusive	90 Sq.m 20	16	Good	Available
Metrology and Mechanical Measurement	Exclusive	56 Sq.m 20	16	Good	Available
Material Testing and Metallograpy Lab.	Shared	90 Sq.m 20	16	Good	Available
Machining Practice Lab.	Shared	450 Sq.m 20	10	Good	Available
Machine Tools Lab.	Exclusive	48 Sq.m	12	Good	Available
Mechanical Lab	Shared	450 Sq.m 20	16	Good	Available
Manufacturing Systems lab.	Exclusive	56 Sq.m 20	20	Good	Available

Industrial Engineering lab.	Exclusive	150 Sq.m 20	16	Good	Available
Simulation lab.	Exclusive	56 Sq.m 20	16	Good	Available
Quality Engg. lab	Exclusive	150 Sq.m 20	16	Good	Available
ERP Lab.	Exclusive	150 Sq.m 20	20	Good	Available

Facility description	Quantity	Location
• Internet facility, • fully loaded licensed software's, • Un-interruptible power supply • Printing facility, • Scanning Facility	**16**	**Computer Lab - 311**
• Internet facility, • fully loaded licensed software's, • Un-interruptible power supply • Printing facility, • Scanning Facility	**10**	**Computer Lab – 2** **ANNEX**
• Internet facility, • fully loaded licensed software's • Un-interruptible power supply	**8**	**Faculty**

• Printing facility • Scanning Facility		

28. Number of text books, seminar reports, project reports,CDs in the Dept Library:

859

29. Number of students of the department getting financial assistance from College:.

Nil-

30. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

- Based on the demand of the program in single window counselling.
- Considering the suggestion given by the Stake-holders.
- Discussion with the Management, Director, Principal, Deans and Heads of the department.

31. Does the department obtain feedback from

d. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

e. Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

f. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

31. List the distinguished alumni of the department (maximum 10)

Sl.No.	Name of the Distinguished Alumni	Details of Occupation
1	Vinay.H.V	Software Engineer,TCS,Hyderabad
2	Allwyn D.Zalki	HR Consultant,Bangalore
3	Yamuna.G.S.	Excise Department,GOK
4	Dr.N.Suresh	Director,Dept of Mgmt studies, MSRUAS,Bangalore
5	Vishwa.K	Engineer,TESCO,Bangalore
6	Jyothprakash	Plant Engineer,LM Glass fibers Pvt Ltd,Dabaspet
7	Praveen.P	Software Engineer,Honeywell,Pune
8	Anantha Prasad.M.G	R& D Cell,Jain University,Bangalore
9	Amrita Saproo	Plant Engineer,Gokuldas Images,Bangalore
10	Swathi.G.S	Senior Software Engineer,TESCO,Bangalore
11	Deepa.K.R	Production engineer,Karmobiles Pvt Ltd,Bangalore
12	Bharath M.P	Senior Engineer,MICO Bosch,Bangalore
13	Santhosh.B	Asst Professor,MED,AIT,Bangalore
14	Deepika.H.K	SCM executive,TATA Elxsi ltd,Bangalore
15	Vivek Ashish	Senior consultant,Oracle Financials, Bangalore
16	Shashidhar Gowda	Quality Engineer,Target LLc,Muscat
17	Harsha.G	Technical Lead,Applied Materials Pvt Ltd, Bangalore
18	Phani Raghav.M.S	Module Lead,Mindtree, Bangalore
19	Trivikram Deshpandy	Principal QA Engineer,SDL Technologies Pvt Ltd, Bangalore
20	Meenakshi.S.C	Service Engineer,QUEST Global,Bangalore

32. List the teaching methods adopted by the faculty

- Black board based teaching
- Power point presentation in seminar hall
- Presentations in smart class room
- Guest lectures

- With real working model or experimental setup
- Role Playing

33. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Class committees consisting of students and faculty members are constituted and two meetings are conducted per semester to monitor the learning outcomes.
- Continuous assessment with 50% of marks for internals helps to ensure the learning.
- By conducting Project review meetings for final year students once in a month
- By conducting technical seminars in the final year

34. **Highlight the participation of students and faculty in extension activities.**

Students:

- Participation in inter and intra college symposiums, paper presentations.
- Participation in cultural competitions in the college and nearby colleges.
- Active participation in department level and institution level association

Faculty:

- Participation in administrative activities.
- Participation in students' welfare activities.
- Helping students in association activities.
- Career Guidance and counseling

35. Give details of "beyond syllabus scholarly activities" of the department.

- Industrial visits for students every year
- Conducting student technical paper presentation through association. Eg: UNICORN, TANTRA, SAAMARTHYA
- Motivational talks from eminent academicians and Industry Executives
- NSS- conducting awareness programs in the villages, Shramadan, NCC activities

36. State whether the programme/ department is accredited/ graded by other agencies. Give details.

- NBA Accreditation-2007

37. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength:

- Infrastructure
- Qualified Faculty

- Experienced faculty
- Laboratory & Library facility
- Alumni Support
- Cordial faculty student relations

Weakness:

– The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities:

- Innovation in teaching learning process
- Effective team of faculty
- Effective organizational structure
- Potential students
- Good academic environment
- Sound technical knowledge possessed by the faculty

Challenges:

- Industry institute interaction
- Collaboration with foreign universities
- Overcoming the competitors in Tumkur and Bangalore

38. Future plans of the department:

- To get atleast 1 patents for the department in a year
- To publish the journal of international standard
- Enhance international collaboration
- To achieve 100% placement
- To introduce M.Tech courses in disciplines catering to the needs of the industry
- To start consultancy services for the needs of the local industries
- Research facility on Workstudy and Ergonomics
- Publication of textbooks as per the syllabus of universities

MEDICAL ELECTRONICS ENGINEERING

1. **Name of the Department** :- Medical Electronics Engineering
2. Year of establishment :- 2002
3. **Is the Department part of a School/Faculty of the university?**

   Yes, Faculty of Engineering
4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,)**

Programme	**Specialization**
B.E.	Medical Electronics Engineering

5. **Interdisciplinary courses and departments involved** Yes.

Name of Programme	**Department involved**
B.E. Medical Electronics Engineering	Electronics and Communication Engineering
	Computer Science and Engineering
	Telecommunication Engineering
	Physics
	Chemistry
	Mathematics and Humanities

6. **Courses in collaboration with other universities, industries, foreign institutions, etc. : -** Nil
7. **Details of programmes / courses discontinued, if any, with reasons:-** Nil
8. **Examination System**

   UG (Medical Electronics Engineering) - Semester Based Credit System.
9. **Participation of the department in the courses offered by other departments.**

Name of the Programme	**Courses offered by the department of**	**Participation of Medical Electronics Engineering department**
B.E. Medical Electronics Engineering	Electronics and Communication Engineering	3rd and 4th Semester

10. **Number of teaching posts-**

Positions	**Sanctioned**	**Filled**

Professors	**01**	**01**
Associate Professors	**1**	**1**
Assistant Professors	**6**	**6**

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)

Name	**Qualification**	**Designation**	**Specialization**	**No. of Years of Experience**	**No. of Ph. D. students guided for the last 4 years**
Prof. T R Chandrashekar	M.E., (Ph.D)	Prof. and Head, Student Welfare Officer	Digital Communication	31	-
Mr. Raju A S	M. Tech., (Ph.D)	Asso. Professor	Biomedical Instrumentation	12	-
Mrs. Komala K	M. Tech.,	Asst. Professor	Digital Electronics	12	-
Mr. Guruprasad	M. Tech., (Ph.D)	Asst. Professor	Digital Electronics	8	-

Mrs. Ashwini K	M. Tech.,	Asst. Prof.	Digital Electronics	9	-
Ms. Sreedevi G	M. Tech.,	Asst. Prof.	Digital Electronics	8	-
Mrs. Shruthi B K	M. Tech.,	Asst. Prof.	Digital Electronics	8	-
Mr. Pradeep M N	M. Tech.	Asst. Prof.	Biomedical Instrumentation	4	-

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors- :

Name & Designation Of the Visiting Faculty	Specialization	Name of the Institute/ Industry
Dr. Raghunandan N	Anastesiology	Sreedevi Multi Speciality, Hospital, Tumkur.
Dr. Nandini	Speech & Audiology	SSMC, Tumkur.
Dr. Shalini	Cardiology	Sreedevi Multi Speciality, Hospital, Tumkur.
Dr. Shivakumarappa	Surgery	SSMC, Tumkur
Dr. Rajendra	Pathology	SSMC, Tumkur.
Dr. Kashinath	Dental	SSDC, Tumkur.

13. Percentage of classes taken by temporary faculty – programme-wise information-

Not Applicable

14. Programme-wise Student Teacher Ratio

Name of programme	Student Teacher Ratio
B.E., Medical Electronics	1: 12

15. Number of academic support staff (technical) and administrative staff.

Positions	**Sanctioned**	**Filled**
Technical Staff	2	1
Administrative Staff	1	1

16. Research thrust areas

Thrust areas of research in the department are:

a) Biosensors and transducers

b) Patient monitoring systems

c) Medical Image Processing

d) Biomedical Signal Processing

e) Biometrics and pattern recognition

f) Artificial Organs and Biomaterials

g) Rehabilitation Engineering.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

Name of the project	Name of the Investigator	Funding Agency	Period	Amount
1.				

18. Inter-institutional collaborative projects and grants received

19. State Institutions

Sl. No.	**Name of the project**	**Name of the Investigator**	**Funding Agency**	**Period**	**Amount**
1.					

20. All India collaboration

Sl. No.	**Name of the project**	**Name of the Investigator**	**Funding Agency**	**Period**	**Amount**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.

Department	**Amount (Rs.)**

20. Research facility / centre with

State recognition: -Nil-

National recognition: -Nil-

International recognition: -Nil-

21. Special research laboratories sponsored by / created by industry or corporate

bodies – Nil

22. Publications:

Name	Total No. of Journal Publications	Total No. of Conference Publications	No. listed in international database (Google Scholar, Etc.)	Citation Index	SNIP	SJR	Impact factor	h-Index
Prof. T R Chandrashekar	3	3	2	-			3.69	
Mr. Raju A S	-	2	1	-			-	
Mrs. Komala K	-	1	1	-			-	
Mr. Guruprasad	2	3	-	-			2.7	
Mrs. Ashwini K	-	2	-	-			-	
Ms. Sreedevi G	-	3	-	-			-	
Mrs. Shruthi B K	-	3	-	-			-	
Mr. Pradeep M N	-	-	-	-			-	

Sl. No.	Name of the faculty member	Monographs Authored	Chapters Authored in	Books edited	Books Authored with

			books		ISBN
1.					

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated

Name of Project	Principal Investigator/ Co Principal Investigator	Funding Agency	Period	Consultancy Fee	Status

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

a. National: Prof. T R Chandrashekar, IIM, Bengaluru.

Mr. Raju A S, Vikram Hospitals, Mysore.

Mr. Mrs. Komala K, IISC, Bengaluru.

Mr. Guruprasad S, IISC, Bengalure.

Mrs. Ashwini K, Fortis Hospital, Bengaluru.

Ms. Sreedevi. G, Vikram Hospital, Mysore.

Mrs. Shruthi B K, Infosys, Mysore.

Mr. Pradeep M N, Manipal Hospitals, Bengaluru.

26. Faculty serving in a) National committees b) International committees c) Editorial Boards

d) any other (please specify)

Sl No	Name of the Faculty	Role of the faculty in developmental activities
1.	Prof. T R Chandrashekar	Student Welfare Officer, SSIT, Tumkur Member- BoE, UVCE, Bengaluru, Member- BoE, Dr. AIT, Bengaluru, Member- BoE, VTU, Belgaum.

2.		

27. Faculty recharging strategies: Faculties are encouraged to participate in seminars, conferences, workshops, STTPs, Summer/winter schools, and Training programmes.

28. Student projects:

Sl. No.	Name of the Programme	Year	Percentage of students who have done in-house projects including Inter-departmental	Percentage of students doing projects in collaboration with Industries/Institutes
1.	B.E. Medical Electronics Engineering	2012-13	7/7=100%	-
		2013-14	11/13=84.61%	2/13=15.38%
		2014-15	9/9=100%	-

29. Awards / recognitions received at the national and international level by

Sl. No.	Name of the faculty member	Awards/Recognition received	
		National	International
1.	Prof. T R Chandrashekar and Mr. Raju A S	Project recognized by KSCST in the year 2006-07	
2.	Prof. T R Chandrashekar and Mr. Raju A S	Project recognized by KSCST in the year 2011-12	
3.	Sreedevi G	2nd Prize for paper presentation in the National Conference	

Doctoral / post doctoral fellows:

Students: (Rank holders, Publications, Project)

30. Seminars/ Conferences/Workshops organized and the source of funding (national /

international) with details of outstanding participants, if any.

Sl. No	Title and Period	Amount Granted	Funding Agency (Teqip)
1.	Two days Workshop on "Advanced Concepts relating to Imaging and Monitoring systems"(20th & 21stt May,2013)	90,000/-	TEQIP,SSIT
2.	Two days workshop on "Emerging trends in Biomedical Instruments and Diagnostic Tools"(20th & 21st December,2013)	90,000/-	TEQIP,SSIT
3.	Three days Workshop on "Biomedical signal Processing and Pattern Recognition"(13th,14th&15th May,2014)	1.5 Lacs	TEQIP,SSIT
4.	National Conference of Emerging Trends in Communication and Biomedical Engineering(9th & 10th May,2014)	4.5 Lacs	TEQIP,SSIT
5.	Five days workshop on "Bio-signal acquisition and measurements using sensors and its applications". (12/11/2014- 16/11/14).	2.2 Lacs	TEQIP,SSIT

31. Code of ethics for research followed by the departments:

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research.

32. Student profile Programme-wise: 2010-11 admitted batch completing BE in 2013-14 (UG) 2012-13 admitted (PG)

Name of the Course	Year	Admitted		Pass Percentage	
		Male	Female	Male	Female
	2010-11	2	13	100%	86.7%

B.E. Medical Electronics Engineering	2011-12	1	10		
	2012-13	5	6		
	2013-14	3	7		
	2014-15				

33. Diversity of students (5 years)

Name of the Course	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.E, Medical Electronics				

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35. Student progression

Student progression		**Percentage against enrolled**
UG to PG		30%
PG to Ph.D.		-Nil_
Ph.D. to Post-Doctoral		-Nil-
Employed	• Campus selection • Other than campus recruitment	20% 40%
Entrepreneurs		5%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	-NIL-
from other universities within the State	100%
from universities from other States	-NIL-

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of infrastructural facilities with regard to

Present details about infrastructural facilities

a) Library

b) Internet facilities for staff and students

c) Total number of class rooms

d) Class rooms with ICT facility

e) Students' laboratories

f) Research laboratories:

Sl. No.	Name of the Infrastructural Facility	Quantity / Details
1	Library	Books - National & International Journals - E-Journals - IEEE, Elsevier
2	Internet for staff	Yes (8 in No.)
3	Internet for students	Yes (15 in No.)
4	Number of class rooms	5
5	Classrooms with ICT facility	-NIL-

Sl.No.	**Name of the Infrastructural Facility**	Quantity / Details	
6.	Students' laboratories	Name of the Lab	Major Equipment
		Microcontroller Lab	Keil Software
		VHDL Lab	Spartan 3, ISE Simulator, Xlinx Synthesizer.
		Digital Signal Processing Lab	Matlab 2007 and

			above
		Medical Science Lab	Analog & Digital Spygmomanometer, ECG Simulator, Audiometer, pH meter, Strain guage, Colorimeter, digital Oscilloscopes, physiograph software, EEC Simulator, EMG Simulator, Pulse Oximeter, Thermocouple.
		Digital Image Processing Lab	Matlab 2007 and above
		Biomedical Digital Signal Processing Lab	Matlab 2007 and above
		C++ Lab	Turbo C

39. List of doctoral students (No.s only)

- from the host university Doctoral : 1
- from other universities : 3

41. Number of post graduate students getting financial assistance from the university?

TEQIP - Nil-

UGC-SAP – Nil-

DST Project - Nil-

42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Single window counseling based on the demand of the programme, Considering the suggestions given by the stakeholders, Discussion with the management, Principal,

Deans and HoDs.

Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the instituition for campus interviews give their feed backs on programs and correction needed.

43. List the distinguished alumni of the department (maximum 10)

Name	Positions
Mr. Chethan Kumar B R	Entrepreneur & Director, Cyras Tecnologies.
Mrs. Sarah Nelson	Biomedical Engineer at Barwon Health, Geelong, Victoria , Australia.
Mr. Tanzeel Rahman	Design System Engineer, Sparton Medical, Cleveland, Ohio, USA.
Mr. Abhinash Dahal	Biomedical Engineer, TBS Groups, Italy.
Mr. Sunil M Jadhav	Biomedical Engineer, Transasia Biomedicals Ltd., Mumbai
Mr. Subhash Chandra Chakraborthy	Senior Consultant, PwC India, Bangalore.
Mr. Chinmay Mohopatra	Senior Biomedical Engineer, Maestros Mediline Systems Limited, Nayapally , Bhubaneswar.
Mr. Vishal Jha	Senior Software Engineer, JP Morgan Chase

	& Co., Chicago, USA.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Special lectures and seminars by external experts are conducted in the department time to time. The following are the few enrichment programmes conducted by the department during the last 5 years.

2014-2015	3	1. Artifitial Organs and Biomaterials 2.Medical Diagnostic Tools 3.Biosensors and Transducers 4.Patient Monitoring Systems
2013-2014	3	1.Medical Diagnostic Tools 2.Biosensors and Transducers 3.Patient Monitoring Systems
2012-2013	3	1.Medical Diagnostic Tools 2.Biosensors and Transducers 3.Patient Monitoring Systems
2011-2012	3	1.Medical Diagnostic Tools 2.Biosensors and Transducers 3.Patient Monitoring Systems
2010-2011	3	1.Medical Diagnostic Tools 2.Biosensors and Transducers 3.Patient Monitoring Systems

Sl. No.	Speaker	Topic of Lecture	Date
1.	Mr. Sanjeev Kubakaddi	A week workshop on "Hands on session using Matlab Simulink and Lab View"	July 2008
2.	Mr. Satish Jadhav	"Bio Sensors and Transducers"	October 2010
3.	Mr. Kumar	"Bio Signals and Measurements"	March 2010
4.	Mr. Satish Jadhav	"Emerging Trends in Biomedcial Instrumentation"	September 2010
5.	Mr. Kiran	"ARM Technologies"	February 2012
6.	Dr. Raghunandan	"Health Awareness Programme"	March 2013
7.	Dr. Shalini	"Diabetic Day"	November 2014

45. List the teaching methods adopted by the faculty for different programmes

Conventional teaching methods, Assignments, Quizzes, Power Point presentation, Audio Visual Seminars and Charts, Interactive Teaching methods, Field visits are the most commonly used teaching methods in the department. Further students are also encouraged to participate in student organized workshops and conferences and undergo internship during summer as part of curriculum. The post graduate students and research scholars are encouraged to give seminars.

46. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Tests, Mid-term Examination, Assignments, Quizzes, Seminars, Project Work and End-term Examinations.

47. Highlight the participation of students and faculty in extension activities.

a. Awareness of health care in rural areas.

b. Blood Donation Camps, Social Services

c. Swachh –Bharat programme through NSS

d. Plant Saplings

48. Give details of "beyond syllabus scholarly activities" of the department.

Guest lectures from eminent persons in Industry and Academia

Hospital Visits

The department encourages students to participate in various national and international conferences to present their work and attend courses.

Department encourages students to organize symposia and cultural activities every year.

Awareness of health in rural Government schools.

Swachh –Bharat programme through NSS.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

NBA Accredited.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

As per the publications, completed and ongoing projects and the service rendered by the faculty in the administration at various capacities.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. Good student teacher ratio.
2. Good laboratory support.
3. Multidisiplinary courses offered.
4. Multidisiplinary research oppurtunities.
5. Experienced, dedicated and highlly qualified faculties.

Weaknesses

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities

1. Hospital training is provided.
2. Multidisiplinary job oppurtunities.
3. Providing training for placements.

Challenges

1. Collaboration with foreign universities.
2. Including PG programme.
3. Establishing job oppurtunities in government hospitals.

52. **Future plans of the department.**

1. To start PG programme in the department.
2. To start para medical courses.
3. To establish MOU with hi-tec hospitals and medical equipment manufacturing industries.

Evaluative Report of Telecommunication Engineering

1. Name of the Department : Telecommunication Engineering

2. **Year of establishment :** 1991

3. Is the Department part of a School/Faculty of the university?

Yes, Faculty of Engineering

4. Names of Programmes / Courses offered (UG, PG, and Ph.D.)

Sl. No.	No. Name of the Programs offered	Remarks (U.G / P.G / Ph.D)
1	B.E (4 Years) Telecommunication Engineering	U.G

5. Interdisciplinary courses and departments involved : Yes

Sl. No.	Interdisciplinary courses offered	Name of the department involved
1.	Computer Concepts & C Programming	CSE/ISE
2.	Elements of Mechanical Engineering	Mechanical/IEM
3.	Applied Mechanics	Civil
4.	Elements of Electrical Engineering	EEE
5.	Engineering Physics	Basic Science
6.	Engineering Chemistry	Basic Science

6. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil

7. Details of programmes / courses discontinued, if any, with reasons : Nil

8. Examination System

UG (Telecommunication Engineering) - Semester Based Credit System.

9. Participation of the department in the courses offered by other departments

Sl. No.	Name of the courses handled	Names of the other Departments

	for other departments	
1	Basic Electronics	B.E in CIVIL, CSE, ECE, EEE, IEM, ISE, MECH, MLE
2	Problem Solving	B.E in CIVIL, CSE, ECE, EEE, IEM, ISE, MECH, MLE

10. a) Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

U.G. - Telecommunication Engineering		
	Sanctioned	**Filled**
Professor	2	3
Associate Professors	4	2
Asst. Professors	12	10

b) Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

P.G. - Telecommunication Engineering
NIL

11. Faculty profile with name, qualification, designation, specialization

U.G. - Telecommunication Engineering

Sl.	Name	Designation	Qualification	Specialization	No. of years of Experience	No. of Ph. D students guided in the last 4 years
1.	Prof H S Jayaramu	HOD	Pursuing Ph.D	Image Processing	34	---
			MS	Electronics & Controls		

			M.Tech	Industrial Electronics		
			B.E	Electronics & Communication		
2.	Dr. K B ShivaKumar	Professor & Head (T&P)	Ph.D	Image Processing	31	*06
			MBA			
			M.E	Electronics		
			B.E	Electronics & Communication		
3.	Dr. M N Eshwarappa	Professor	Ph.D	Image Processing	20	*03
			M.Tech	Industrial Electronics		
			B.E	Electronics & Communication		
4.	G Suma	Associate Professor	Pursuing Ph.D	Wireless Sensor Networks	18	---
			M.Tech	Industrial Electronics		
			B.E	Electronics & Communication		
5.	Savita D Torvi	Associate Professor	Pursuing Ph.D	Image Processing	16	---
			ME	Digital Electronics		
			B.E	Electronics & Communication		
6.	P S Purnima	Assistant Professor	M.Tech	Digital Electronics& Communication	11	---
			B.E	Electronics & Instrumentation		
7.	Seema J K	Assistant Professor	M.Tech	Digital Electronics	11	---
			B.E	Electronics & Communication		
8.	G L Swarnalatha	Assistant Professor	M.Tech	Digital Electronics	05	---
			B.E	Electronics & Communication		
9.	Sumana L	Assistant Professor	M.Tech	Digital Electronics	05	---
			B.E	Telecommunication		
10.	C R Mohan	Assistant	M.Tech	Digital	04	

	Kumar	Professor		Communication		---
			B.E	Instrumentation Technology		
11.	Puneeth Kumar D N	Assistant Professor	Pursuing Ph.D	Wireless Communication	03	---
			M.Tech	Digital Electronics& Communication systems		
			B.E	Telecommunication		
12.	K N Hareesh	Assistant Professor	Pursuing Ph.D	Image Processing	03	---
			M.Tech	Biomedical Signal processing		
			B.E	Telecommunication		
13.	T G Keshava Murthy	Assistant Professor	Pursuing Ph.D	Signal Processing	03	---
			M.Tech	Digital Electronics& Communication systems		
			B.E	Telecommunication		
14.	S H Jeevith	Assistant Professor	M.Tech	VLSI & Embedded systems	03	---
			B.E	Telecommunication		
15.	Srinidhi G A	Assistant Professor	Pursuing Ph.D	Network Security	02	---
			M.Tech	Sensor technology		
			B.E	Telecommunication		

* No. of Scholars doing Research

12. **List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors** - NIL

13. **Percentage of classes taken by temporary faculty – programme-wise information** : Nil

14. **Programme-wise Student Teacher Ratio**

Sl. No	Programme	Student Staff Ratio
1	UG	15:1

15. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Sl.	Staff Category	Sanctioned	Filled
1	Academic Support Staff	08	03
2	Administrative Staff	02	01

Technical Staff

Sl.	Laboratory	Name of the Staff	Designation	Qualification
1.	Analog Electronics Circuit	Ahteram Hussain	Instructor	DTE
2.	LIC & Communication			
3.	Advanced Communication-II			
4.	Hardware Description Language	Sushma M P	Asst. Instructor	DEC
5.	Digital Signal Processing			
6.	Microcontroller			
7.	Computer Concepts Programming			
8.	Digital Electronics Circuit	Shivanna	Asst. Instructor	DEC
9.	Microprocessor			
10.	Advanced Communication-I			

Administrative Staff

Sl.	Name of the Staff	Place of work	Designation	Qualification
1.	Shanthaiah	Department	Helper	SSLC

16. Research thrust areas

Thrust areas of research in the department are:

1. Wireless Sensor Networks
2. Pattern Recognition
3. Image Processing
4. Mobile Communication
5. Multimedia Communication
6. Signal Processing

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Sl. No	Title of project	Funding Agency	Funding agency National/ International	Principal Investigator/ Co-Investigator	Grant received	Duration
NIL						

Total Grants Received : NIL

18. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; Total grants received : KSCST Rs. 12,000/-

19. Research centre with NIL

a. International Recognition

b. National Recognition

c. State Recognition

20. Special research laboratories sponsored by Management / created by industry or corporate bodies

NIL

21. a) Publications

International Journals:

Sl	Name of the Author	Title of Paper	Name of Journal	Year of publication	Page No. & Volume	Impact Factor
1	Prof. H S Jayaramu	Covert Communication using a Dissimilar Cover	COMPUSOFT, An international journal of advanced computer technology	November-2013	2 (11), pp. 374-377 (Volume-II, Issue-XII)	0.264
		A Novel Steganography Technique USING Same Scale Wavelet	International Journal of application or Innovation in Engineering & Management	2014	Volume3/Issue4/017	3.115
		A Unique Hybrid Steganography Technique to Hide text payload behind an Image and the Image behind Audio file by using DWT based Image steganography and Spectrum based Audio Steganography	IJAST			
		A Novel steganograph	International Journal of	2014		3.115

		y technique using same scale wavelet	Application or Innovation in Engineering and Management			
		Protection of Executables employing a novel dual stage digital data hiding scheme	International Journal of emerging trends and technology in computer science (IJETTCS)	2014		3.258
Sl	**Name of the Author**	**Title of Paper**	**Name of Journal**	**Year of publication**	**Page No. & Volume**	**Impact Factor**
2	Dr. K B Shiva Kumar	Bit Length Replacement steganography Based on DCT Coefficients	International Journal of Engineering Science and Technology(IJEST)	2010	Vol. 2(8),pp. 3561-3570	3.14
		Steganography Based on Payload Transformation	International Journal of Computer Science Issues (IJCSI)	2011	Vol 8,pp. 241-248	0.242
		Hybrid Domain In LSB Steganography	International Journal of Computer Applications(IJCA)	2011	Vol 19, No 7, pp. 35-40	

		Performance Comparision of Robust Steganography Based on Multiple Transformation Techniques	International Journal of Computer Applications in Technology (IJCAT)	2011	Vol 2(4),pp. 1035-1047	0.8
		Improved Design of Low Power TPG Using LP-LFSR	International Journal of Computer and Organization Trends	May 2013	Volume 3 Issue 4 ISSN : 2249-2593	1.19
		Top Semi Relib Graph of a Tree	International Journal of Computer Applications (IJCA)	2013		
		Precision – Aware & Quantization of lifting based DWT Hardware Architecture	International Journal of Computer & Organization Trends	2013		1.19
		Offline Signature Verification with Random and Skilled Forgery Detection Using Polar Domain Features and Multi Stage Classification – Regression Model	International Journal of Advanced Science and Technology (IJAST)	2013		
Sl	**Name of the Author**	**Title of Paper**	**Name of Journal**	**Year of publication**	**Page No. & Volume**	**Impact Fact**

						o r
		Covert Communicati on using a Dissimilar Cover	An international journal of advanced computer technology COMPUSOFT	2013		0.264
		PCA Based Rapid and Real time face recognition technique	An international journal of advanced computer technology COMPUSOFT	2013		0.264
		Development of Zigbee Based Energy Management System	An Internation al journal of advanced computer technology COMPUSOFT	2013		0.264
		FPGA Implementati on of Precision Aware of Lifting based DWT	International Journal of Scientific Engineerin g & Technolog y Research	2014		3.59
		A Novel steganograph y technique using same scale wavelet	International Journal of Applicatio or Innovation in Engineerin g and Manageme nt	2014		3.115
		Protection of Executables employing a novel dual stage digital data hiding scheme	International Journal of emerging trends and technology in computer science (IJETTCS)	2014		3.258
		FPGA implementati	International Journal of	2014		5.016

		on of vigenere cipher method based on color image steganography	advanced research in electrical, electronics and instrumentation engineering			
		Link stability based hand of for QOS provisioning in 4G networks	International Journal of Application or innovation in engineering and management	2014		3.115
Sl	**Name of the Author**	**Title of Paper**	**Name of Journal**	**Year of publication**	**Page No. & Volume**	**Impact Factor**
		Multi modality biometric assisted smart card based ration distribution system	International Journal of Application or innovation in engineering and management	2014		3.115
		Implementation of HP FIR Filter on FPGA using DA	International Journal of Innovative Research in Technology and Science (IJIRTS)	2014		
		BP FIR Filter Implementati	International Journal of	2014		5.016

		on on FPGA Using Fully Parallel and DA Architecture	Advanced Research in Electrical, Electronics and Instrumentation Engineering			
		DWT Coefficient Based Image Watermarking Method for 2D-Image	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)	2014		5.016
		A Secured Algorithm Based on ECC and DWT with Watermarking	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)	2014		5.618
		Hiding Technique Using FMM, Visual Cryptography and Genetic Algorithm	International Journal for Research and Development in Engineering (IJRDE)	2014		
3	Dr. M N Eshwarappa	BIMODAL BIOMETRIC PERSON AUTHENTICATION SYSTEM (Cited by 10)	International Journal of Biometrics and Bioinformatics (IJBB)	Oct 2010		

Sl	Name of the Author	Title of Paper	Name of Journal	Year of publication	Page No. & Volume	Impact Factor
		MULTIMODAL BIOMETRIC PERSON AUTHENTICATION USING SPEECH, SIGNATURE AND HANDWRITING FEATURES (Cited by 6)	International Journal of Advanced Computer Science and Applications	July 2011		
		Fundamentals issues and challenges of Mathematical models in Biometric person authentication	International Journal of Applied Engineering Research	Oct 2014		
3.	D N Puneeth Kumar	Image Compression Using Hybrid Wavelet Transform	International Journal of Computer Applications	October 2014	pp-31 to 36 0975-8887	0.715
4.	Srinidhi G A	COVERT COMMUNICATION USING A DISSIMILAR COVER	An International Journal of advanced computer technology	2013		
		PCA BASED RAPID AND REAL TIME FACE RECOGNITION TECHNIQU	An International Journal of advanced computer technology	2014		

		E				
		DEVELOPMENT OF ZIGBEE BASED ENERGY MANAGEMENT SYSTEM	An International Journal of advanced computer technology	2014		
		A Novel steganography technique using same scale wavelet	International Journal of Application or Innovation in Engineering and Management	2014		3.115
		Protection of Executables employing a novel dual stage digital data hiding scheme	International Journal of emerging trends and technology in computer science (IJETTCS)	2014		3.258
		Link stability based hand of for QOS provisioning in 4G networks	International Journal of Application or innovation in engineering and management	2014		3.115
Sl	**Name of the Author**	**Title of Paper**	**Name of Journal**	**Year of publication**	**Page No. & Volume**	**Impact Factor**
		Multi modality biometric	International Journal of	2014		3.115

		assisted smart card based ration distribution system	Application or innovation in engineering and management			
		Entrepreneur-An asset of a Nation	International Journal of Scientific Research	March 2014		3.2416

National Journals: NIL

b) Monographs authored, Chapters authored in Books, Books edited, Books authored with ISBN NIL

c) Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Citation Index – range / average, SNIP, SJR, Impact Factor – range / average, h-index

Sl. No.	Name of the faculty member	Number listed in Intl. database (Web of Science, Scopus science directory etc.)	SNIP	SJR	Impact Factor	Citation index	h-index
1	Dr. K B Shiva Kumar	22	--	--	1.3 - 4.5	85	04
2	Dr. M N Eshwarappa	03	--	--	--	12	02

d) Number of papers published in peer reviewed journals (national / international):

S	Name of the	Title of Paper	Name of	Year of publi	Page No. & Volume	Impac

	Author		Journal	cation		tFactor
1	Prof. H S Jayaramu	Covert Communication using a Dissimilar Cover	COMPUSOFT, An international journal of advanced computer technology	November-2013	2 (11), pp. 374-377 (Volume-II, Issue-XII)	0.264
		A Novel Steganography Technique USING Same Scale Wavelet	International Journal of application or Innovation in Engineering & Management	2014	Volume3/Issue 4/017	3.115
		A Unique Hybrid Steganography Technique to Hide text payload behind an Image and the Image behind Audio file by using DWT based Image steganography and Spectrum based Audio Steganography	IJAST			
		A Novel steganography technique using same	International Journal of Application or	2014		3.115

		scale wavelet	Innovation in Engineering and Management			
		Protection of Executables employing a novel dual stage digital data hiding scheme	International Journal of emerging trends and technology in computer science (IJETTCS)	2014		3.258
S	**Name of the Author**	**Title of Paper**	**Name of Journal**	**Year of publication**	**Page No. & Volume**	**Impact Factor**
2	Dr. K B Shiva Kumar	Bit Length Replacement steganography Based on DCT Coefficients	International Journal of Engineering Science and Technology(IJEST)	2010	Vol. 2(8),pp. 3561-3570	3.14
		Steganography Based on Payload Transformation	International Journal of Computer Science Issues (IJCSI)	2011	Vol 8,pp. 241-248	0.242
		Hybrid Domain In LSB Steganography	International Journal of Computer Applications (IJCA)	2011	Vol 19, No 7, pp. 35-40	
		Performance Comparision of Robust Steganograp	International Journal of Computer Applications	2011	Vol 2(4),pp. 1035-1047	0.8

		hy Based on Multiple Transformation Techniques	in Technology (IJCAT)			
		Improved Design of Low Power TPG Using LP-LFSR	International Journal of Computer and Organization Trends	May 2013	Volume 3 Issue 4 ISSN : 2249-2593	1.19
		Top Semi Relib Graph of a Tree	International Journal of Computer Applications (IJCA)	2013		
		Precision – Aware & Quantization of lifting based DWT Hardware Architecture	International Journal of Computer & Organization Trends	2013		1.19
		Offline Signature Verification with Random and Skilled Forgery Detection Using Polar Domain Features and Multi Stage Classification – Regression Model	International Journal of Advanced Science and Technology (IJAST)	2013		
S	**Name of the Author**	**Title of Paper**	**Name of Journal**	**Year of publication**	**Page No. & Volume**	**Impact Factor**
		Covert	An international	2013		0.264

		Communication using a Dissimilar Cover	journal of advanced computer technology COMPUSOFT			
		PCA Based Rapid and Real time face recognition technique	An international journal of advanced computer technology COMPUSOFT	2013		0.264
		Development of Zigbee Based Energy Management System	An International journal of advanced computer technology COMPUSOFT	2013		0.264
		FPGA Implementation of Precision Aware of Lifting based DWT	International Journal of Scientific Engineering & Technology Research	2014		3.59
		A Novel steganography technique using same scale wavelet	International Journal of Application or Innovation in Engineering and Management	2014		3.115
		Protection of Executables employing a novel dual stage digital data hiding scheme	International Journal of emerging trends and technology in computer science (IJETTCS)	2014		3.258
		FPGA implementation of vigenere cipher method based on color image	International Journal of advanced research in electrical, electronics and instrumentat	2014		5.016

		steganography	ion engineering			
		Link stability based hand of for QOS provisioning in 4G networks	International Journal of Application or innovation in engineering and management	2014		3.115
S	**Name of the Author**	**Title of Paper**	**Name of Journal**	**Year of publication**	**Page No. & Volume**	**Impact Factor**
		Multi modality biometric assisted smart card based ration distribution system	International Journal of Application or innovation in engineering and management	2014		3.115
		Implementation of HP FIR Filter on FPGA using DA	International Journal of Innovative Research in Technology and Science (IJIRTS)	2014		
		BP FIR Filter Implementation on FPGA Using Fully Parallel and DA Architecture	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2014		5.016
		DWT Coefficient	International	2014		5.016

		Based Image Watermarking Method for 2D-Image	Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)			
		A Secured Algorithm Based on ECC and DWT with Watermarking	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)	2014		5.618
		Hiding Technique Using FMM, Visual Cryptography and Genetic Algorithm	International Journal for Research and Development in Engineering (IJRDE)	2014		
3	Dr. M N Eshwarappa	BIMODAL BIOMETRIC PERSON AUTHENTICATION SYSTEM (Cited by 10)	International Journal of Biometrics and Bioinformatics (IJBB)	Oct 2010		
S	**Name of the Author**	**Title of Paper**	**Name of Journal**	**Year of publication**	**Page No. & Volume**	**Impact Factor**
		MULTIMODAL BIOMETRIC PERSON AUTHENTICATION	International Journal of Advanced Computer Science and	July 2011		

		USING SPEECH, SIGNATURE AND HANDWRITING FEATURES (Cited by 6)	Applications			
		Fundamentals issues and challenges of Mathematical models in Biometric person authentication	International Journal of Applied Engineering Research	Oct 2014		
3.	D N Puneeth Kumar	Image Compression Using Hybrid Wavelet Transform	International Journal of Computer Applications	October 2014	pp-31 to 36 0975-8887	0.715
4.	Srinidhi G A	COVERT COMMUNICATION USING A DISSIMILAR COVER	An International Journal of advanced computer technology	2013		
		PCA BASED RAPID AND REAL TIME FACE RECOGNITION TECHNIQUE	An International Journal of advanced computer technology	2014		
		DEVELOPMENT OF ZIGBEE BASED ENERGY MANAGEMENT SYSTEM	An International Journal of advanced computer technology	2014		
		A Novel steganography technique using same scale	International Journal of Application or Innovation	2014		3.115

		wavelet	in Engineering and Managemen t			
		Protection of Executables employing a novel dual stage digital data hiding scheme	International Journal of emerging trends and technology in computer science (IJETTCS)	2014		3.258
		Link stability based hand of for QOS provisioning in 4G networks	International Journal of Application or innovation in engineering and management	2014		3.115
S	**Name of the Autho r**	**Title of Paper**	**Name of Journal**	**Year of publi catio n**	**Page No. & Volume**	**Impa c t F a c t o r**
		Multi modality biometric assisted smart card based ration distribution system	International Journal of Application or innovation in engineering and management	2014		3.115
		Entrepreneur-An asset of a Nation	International Journal of Scientific Research	March 2014		3.241 6

22. **Details of patents and income generated** : NIL

Sl. No.	Name of the faculty member	Patent Received	Income generated in Rs.
NIL			

23. Areas of consultancy and income generated : NIL

Sl. No.	Name of the faculty member	Areas of consultancy carried out	Income generated in Rs.
NIL			

24. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

1. **International:** NIL
2. **National:** NIL

25. **Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)**

Sl. No	Name of the Faculty	Role of the faculty in developmental activities
1	Prof. H S Jayaramu	BOS Member, BOE Member, MSRIT, Bangalore
2	Dr. K B ShivaKumar	BOS Member, BOE Member, MSRIT, Bangalore
3	G Suma	BOS Member
4	Savita D Torvi	BOS Member
5	P S Purnima	BOS Member

26. Faculty recharging strategies

- Conducting and attending Faculty Development Programmes
- Programmes/Workshops, Summer/Winter short term courses
- Paper Presentation in National/International Conferences
- Special lectures/Guest lectures
- Staff club activities such as cultural, yoga classes, etc..
- Staff club is arranging staff tour for the faculty members every year

27. Student Projects

- **Percentage of Students Who Have Done Projects In-House**

Sl. No.	Name of the programme	% of Student
1	B.E (Telecommunication Engineering)	96%

- **Percentage of Students Doing Projects in Collaboration with Industries / Institutes**

Sl.	Name of the programme	% of Student
1	B.E (Telecommunication Engineering)	04%

28. Awards / recognitions received at the national and international level by

- **Faculty**

Sl No.	Name of the Faculty	Event	Name of Institute	Award / Prize
1.	Dr. K B ShivaKumar			Bharath Jyothi
		Economic Growth and National Integration	INDIA International Friendship society	Appreciation certificate

- **Doctoral / post doctoral fellows: - NIL**
- **Student**

Prizes and awards won for projects

Sl. No	Name of Students	Event	Name of institute	Award/ Prize
1	Divya T P K Shruthi Rachana H R Shwetha R	Hunt for India's best Academic Project for Crazy Engineers	Crazy Engineers Technology Ltd. Nagpur	Short listed for last round
2	Harsh A T Srinivas Adarsh M E	Kabaddi and Softball	VTU, Belgaum	Kabaddi – Winners Softball –

				Runners
3	Rishav Kumar Sapthaparna Dhar	Project Design Competition – Robots	IIT, Delhi	I st prize

Paper Presentation

Sl. No.	Name of Students	Event	Name of the institution	Award/ Prize
1	Rishav Kumar Sapthaparna Dhar	Paper Presentation	IIT, Delhi	I st prize
2	Ashwa Simha Moudagal Shwetha S	Explore	SIET, Tumkur	Presented
3	Shivakumar S	Paper Presentation	SIT, Tumkur	Presented
4	Divya T P K Shruthi Rachana H R Shwetha R	Paper Presentation	Crazy Engineers Technology Ltd. Nagpur	Presented

Sl.No.	Student Name	Students Achievements
1	Shivakumar S	Received a sum of Rs.10,000/- from TCS for outstanding performance in the year 2011.

29. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Faculty Event Type National	No of participants	Date	Funding agency
1	National Conference on	69	9th and 10th	Received sponsorship

	Emerging Trends in Communication & Biomedical Engineering	(approx)	May 2014	from TEQIP for conducting national conference for the year 2014

30 Code of ethics for research followed by the departments

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research

Student profile course-wise:

Name of the Course (refer question no. 2)		Applications received under Management quota	Applications Selected	Selected		Pass percentage (%)	
				Male	Female	Male	Female
UG	2008 – 2012		68 82.3%				
	2009 – 2013		65 35.3%				
	2010 – 2014		96 45.8%				

31. **Diversity of students:**

Name of the Course (refer question no. 2)	% of students from the College	% of students from the State	% of students from other States	% of students from other countries
2011 – 2012	-		-	-

2012 – 2013	-		-	-
2013 – 2014	-		-	-

32. **How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations**

Sl. No.	Name of the competitive Examination	Number of students cleared
1	GATE	
	2011 – 2012	--
	2012 – 2013	01
	2013 – 2014	--
2	any other competitive examinations (PGCET)	
	2011 – 2012	04
	2012 – 2013	05
	2013 – 2014	04
3	GRE	
	2013 – 2014	01
4	Central Services	
	2013 – 2014	01

33. **Student progression**

Student progression	Percentage against enrolled		
	2011 – 2012	2012 – 2013	2013 – 2014
UG to PG	04 – 5.8%	05 – 7.6%	04 – 4%
Employed • Campus selection	24 – 35%	08 – 12.3%	04 – 4%

• Other than campus recruitment	15 – 22%	15 – 23%	15 – 16%

34. **Diversity of staff**

Percentage of faculty who are graduates	
of the same parent university	10%
from other universities within the State	85%
from other universities from other States	05%

35. **Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.**

No. of faculty who were awarded Ph.D	**Details of the Faculty**
1	Dr. K B ShivaKumar , Professor
2	Dr. M N Eshwarappa, Professor

36. **Present details about infrastructural facilities with regard to Library, Internet facilities for staff and students, Total number of class rooms, Class rooms with ICT facility, Students' laboratories, Research laboratories**

Sl. No.	**Name of the Infrastructural Facility**	**Quantity / Details**
1	Library	1200 Books
2	Internet facilities for staff	Secured internet with 2GB/ month
3	Internet facilities for student	Secured internet with 1GB /month
4	Total number of class rooms	3
5	Class rooms with ICT facility	NIL
6	Students' laboratories	4
7	Research laboratories	1

Sl. No.	Laboratory	Particulars
1	Analog Electronics Lab Circuits (DESL37) & Digital Electronics Lab (DESL38)	It is well equipped to conduct the experiments as per the curriculum. Enough number of Digital Trainer Kits is provided to conduct the experiments in groups of two students, as well as individually. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 1hr/week. Lab equipments are listed below. 1. IC TESTER 2. Digital IC trainer with built in power supply 4mm Terminals with high quality patch cards 3. Digital Multi-meters – 33/4 digit – Rishmulti 4. Additional Patch Cards 5. Scientific Make 0-20MHz dual trace Oscilloscope 6. Scientific Make 0-100MHz dual trace Oscilloscope 7. Regulated power supply DUAL 0-30V, 2 Amps 8. Regulated power supply SINGLE 0-30V, 2 Amps 9. Function generator 0-1MHz and 0-2MHz 10. Decade Resistance Box with 5 Dials 11. Fixed Power Supply (0 - ±12 V), 2 Amps 12. Fixed Power Supply (0 - +5 V), 2 Amps 13. DC Millimeters (0-30V)

		14. AC Ammeters 15. Decade Inductance Box with 5 Dials 16. Decade capacitance Box with 5 Dials
3	Microprocessors Lab (DESL47)	It is well equipped to conduct the experiments as per the curriculum. Enough number FRC Cables & Interface Cards are provided to conduct the experiments in groups of 2-3 students, as well as individually. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 3hr/week. Lab equipments are listed below 1. Logical controller interface cards 2. Elevator Simulator 3. Keyboard Interface 4. Stepper Motor + Power Supply Module (5V,1A) 5. 7 Segment Display 6. Digital to Analog Converter(DAC)Power Supply for DAC
4	LIC & Communication Lab (DESL57) / Advanced Communication Lab-I (DTCL67) / Advanced Communication Lab-II (DTCL76)	It is well equipped to conduct the Programs as per the curriculum. Each student is provided with a computer system to do laboratory programs. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 3hr/week. 1. Analog Signal Generator 0-1MHz 2. Dual trace Oscilloscope 0-20MHz & 0-100MHz

		3. Digital Multi-meters 4. Regulated power supply DUAL 0-30V, 2 Amps 5. Regulated power supply SINGLE 0-30V, 2 Amps 6. Decade Resistance Box with 5 Dials 7. Decade Inductance Box with 5 Dials 8. Decade capacitance Box with 5 Dials 9. Microwave Benches 10. Micro strip Antennas 11. Optical Fiber Kits 12. TDM Kits 13. PPM & PWM Kits
5	DSP Lab (DESL58) / Microcontroller Lab (DTCL68) / VHDL Lab (DESL48) / CCN Lab (DTCL77)	It is well equipped to conduct the Programs as per the curriculum. Each student is provided with a computer system to do laboratory programs. Manuals are provided and tutorial classes for Laboratory experiments are conducted in 3hrs/week. System Configuration: Intel Pentium III 2.93GHz, 256MB RAM, 80GB HDD, CD-R, FDD, CRT Monitor. Software Used: Windows XP, Xilinx 8.1i, Code Composer Studio 1. FPGA kits – SPARTAN 3, XC3S400, TQ144, 4MHz Crystal Oscillator on board with interfacing cards:

		i) 8 output LED's ii) 8X1 Input DIP switches iii) Seven segment display iv) Keyboard v) Stepper motor vi) DC motor vii) DAC viii) LCD display 2. DSP Kits – TMS320 C6713 DSP operating at 225MHz, AIC23 stereo codec, 16 Mbytes of DRAM, 512 Kbytes of non-volatile Flash memory, 4 user accessible LEDs and DIP switches, Standard expansion connectors for daughter card use, JTAG emulation trough on-board JTAG emulator with USB host interface or external emulator, single voltage power supply(+5V) 3. Microcontroller Kits – Atmel AT89S8252, Crystal frequency 11.0592MHz with interfacing cards: i) DAC ii) Stepper Motor iii) DC Motor iv) LED Display v) Matrix Keyboard vi) LCD Display vii) Seven Segment

		viii) Toggle switch ix) ADC-Temperature Measurement

37. **List of doctoral students (No.s only)**

a) from the host university Doctoral : 5

b) from other universities : 02

38. **Number of Post Graduate students of the department getting financial assistance from College.**

NIL

39. **Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.**

a. Discussion with the Management, Director, Principal, Deans & HOD's
b. Based on the demand of the program – single window system
c. Considering the suggestion given by the stakeholders

40. **Does the department obtain feedback from**

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize thefeedback?

The college has constituted feedback committee and the college has designed and developed performance for faculty feedback on l as well for teaching and learning evaluation. All the faculties provide feedback and are analysed and the outcome of analysis is communicated to the board of service for further needful.

Students on st>aff, curriculum and teaching-learningevaluation and how does the department utilize the feedback?

Students feedback on teacher performance, courses, teaching learning evaluation is collected. /these feedbacks are analyses at necessary recommendation made to board of studies.

Alumni and employers on the programmes offered and how does the department utilize the feedback?

Feedbacks from aluminae are collected regardoing the competences gained during the program from the analysis of outcome necessary changes are initiated by the board of studies. Employers during their visit to the institiution for campus interviews give their feed backs on programs and correction needed.

41. **List the distinguished alumni of the department (maximum 10)**

Sl. No.	Name of the Distinguished Alumni	Details of Occupation
1.		
2.	Harsha	Sr. Engineer, TCS
3.	Roshan Chandra M	TTA, BSNL
4.	Syed Musaveer Rahman	Mindtree
5.	Srinivas	Sr. Engineer, TCS
6.	Kavya	Sr. Engineer, TCS
7.	Anup M P	Sr. Engineer, L&T InfoTech
8.	Chandan	Sr. Product Engineer, Tech Mahindra
9.	Basavaraj Huragi	Software Engineer, TCS
10.	Ashwa Simha	Sr. Engineer, TCS
11.	Vishal Gupta	Software Engineer, Infosys
12.	Aparna K P	Infosys
13.	Rohit Ranjan	Sr. Engineer, HP
14.	Raveesh Kumar Singh	Sr. Engineer, HP
15.	Pradeep Kumar	Sr. Engineer, Sapient
16.	Santhosh T P	Sr. Engineer, Emphasis, Germany
17.	Sandeep	Sr. Engineer, Keane
18.	Vinay C J	Sr. Engineer, Infosys
19.	Shwetha.P	Sr. Engineer, Robert Bosch GmBh, Germany

42. **Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.**

Sl. No.	Title of the special lecture / workshop / seminar	Experts Name
1	"Robotrix workshop" organized by IEEE SSIT student chapter.	
2	General Aspects of Spacecrafts Systems	ISRO

3	ARM 7/9 Architecture and Embedded C Programme	Crane Software Solutions
4	Operations Research in Engineering	Dr, Kashinath Shastry, Director, SIET, Tumkur
5	Embedded Systems and Arduino	1. Mr. Rupam Das, CEO, Integrated Ideas, Gulbarga 2. Asso. Prof. Savita D Torvi, Dept. of TCE, SSIT, Tumkur 3. Asst. Prof. Srinidhi G A Dept. of TCE, SSIT, Tumkur
6	Image Enhancement and Restoration Techniques	Mr. Rupam Das, CEO, Integrated Ideas, Gulbarga
7	A national level technical symposium "TANTRA-2011" was organized by ISTE student chapter on 24th and 25th November 2011. Events like paper presentation, Project exhibition, Quiz etc., were organized.	

43. **List the teaching methods adopted by the faculty for different programmes.**

1. Black Board Teaching
2. Power Point Presentation
3. Over Head Projector (OHP)
4. Laboratory to Classroom
5. Group Discussions
6. Quiz Program

44. **How does the department ensure that programme objectives are constantly met and learning outcomes monitored?**

By periodically conducting class committee meetings and getting comments from the students related to teaching and learning process. Surprise test, quiz and Internal test are conducted and evaluated then the performance is analyzed by the subjects handling staff. By periodically giving counseling/coaching for weaker sections students to meet out the outcome.

45. **Highlight the participation of students and faculty in extension activities.**

1. Students are motivated to participate in national level Technical Symposium
2. Workshops, Hands-on training, seminars are conducted for the students to develop their technical skills.
3. Department related club activities (special lectures / workshops / seminar) organized by TCE association and professional chapters such as IEEE, ISTE etc.
4. Students are encouraged to showcase their talents in projects Exhibition

46. **Give details of "beyond syllabus scholarly activities" of the department.**

- College Motivate the student to attend
  - Value added Course like Campus Connect by Infosys
- Institution Allows the student for Implant Training, Internship Programs and Industrial Visit every year

47. **State whether the programme/ department is accredited/ graded by other agencies. Give details.**

Sl. No.	Name of accredited/ graded agencies
1	National Board of Accreditation
2	Tata Consultancy Service

48. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

As per the publications, completed and ongoing projects and the service rendered by the faculty in the administration at various capacities.

49. **Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths:

1. The Department has well qualified and experienced staff members.
2. Many of the faculty's pursuing research work.
3. Well equipped Laboratory, Library and internet facility.

4. Some of the faculty with doctorates is engaged in guiding the research scholars.
5. Seminar/Workshops/Conferences are organized regularly every year.
6. Publishing research article in referred journals and conferences.

Weaknesses:

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

Opportunities:

1. Tumkur is very nearer to Bangalore, the department has ample opportunities to reach several major industries and to grow in contributing to the technology, development need of the industry.
2. Alumni interaction with the students and staff which leads to the growth of new technology interaction in the department.
3. Curriculum and syllabus are framed in such a way that the students have the opportunity to be placed in core companies.
4. Faculties are allowed to upgrade the skills by attending Faculty Development Programs, summer schools and conferences in reputed institutions.

Challenges:

1. More number of R&D Projects/Consultancy work to be achieved in the forth coming
2. years.
3. Number of Ph.D. holders in the department to be improved.
4. Relatively better standard student's intake to excel in their career.
5. Students should be motivated to write more GATE/UPSC exams and to bring glory to the department.

50. **Future plans of the department**

1. To excel in Research and development activities in the field of communication.
2. To find solutions for real world problems using research competency.
3. To bring sponsored research project from various funding agencies.
4. To provide novel solutions for security in communication networks.

Evaluative Report of Chemistry

1. **Name of the Department** :-Chemistry

2. **Year of establishment** :- 1979

3. **Is the Department part of a School/Faculty of the university?**

   Yes, Faculty of Science- Chemistry

4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,)**

Programme	Specialization
B.E.	CS, CV, EC, EE,IEM,IS,ME,ML,TE
Ph. D.	Chemistry

5. **Interdisciplinary courses and departments involved**

   Engineering Chemistry is supporting department common for all branches of Engineering

6. **Courses in collaboration with other universities, industries, foreign**

7. **institutions, etc**. : - Nil

8. **Details of programmes / courses discontinued, if any, with reasons**:- Nil

9. **Examination System**

   UG BE - Semester Based Credit System.

10. **Participation of the department in the courses offered by other departments :** Nil

11. **Number of teaching posts-**

Positions	Sanctioned	Filled
Professors	**1**	**1**
Associate Professors	**1**	**1**

Assistant Professors	**3**	**3**

12. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)

Name of the Teacher	Qualification	Designation	Specialization	Number of years of Experience	Number of Ph.D. Students Guided in the last 4 Years
Dr M K Veeraiah	Ph.D.	Principal Prof. &H.O.D.	Chemistry	35 yrs	2 Awarded, 2 synopsis submitted and 2 pursuing
Dr. K Sunil	Ph.D	Asso. Professor	Chemistry	09 yrs	01 pursuing
G Manjunatha	M.Sc., (Ph.D)	Asst. Professor	Chemistry	21 yrs	--
Dr. H V Jayapraka	Ph. D.,	Asst. Professo	Chemistry	09yrs	--

sh.		r			
P Hemalatha	M.Sc., (Ph.D)	Asst. Professor	Chemistry	08 yrs	--

13. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus

14. professors- Nil

15. Percentage of classes taken by temporary faculty – programme-wise information-Not Applicable

16. Programme-wise Student Teacher Ratio

Student Teacher Ratio Is as per the Norms

17. Number of academic support staff (technical) and administrative staff.

Positions	Sanctioned	Filled
Technical Staff and Administrative Staff	**2**	**2**

18. Research thrust areas

Thrust areas of research in the department are:

Polymers

Crystal studies

Synthesis of Schiff base

Corrosion Inhibition

19. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.** -Nil-

20. **Inter-institutional collaborative projects and grants received**

21. **State Institutions : NIL**

    All India collaboration: -Nil-

22. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received.** -Nil-

23. **Research facility / center with**

    State recognition:

    National recognition:

    International recognition:

    Department has been recognized as research center by VTU Belgaum and SSAHE.

24. **Special research laboratories sponsored by / created by industry or corporate bodies – Nil**

25. **Publications**:

Dr.M.K.Veeraiah, Principal

Sl. No.	Title with Page No's	Journal	ISSN/ISBN No.	SJR	SNIP	Impact factor
1	Oxidation of n-Propylamine and n-Butylamine by Chloramine-T &Chloroamine-B in Basic Medium.- A	Journal of Synthesis and Reactivity in Inorganic, Metal	1553-3174	0.19	-	0.518

	Kinetic study. 40 (4), 225-230, 2010	organic and Nano metal Chemistry				
2	Open circuit potential of ZA-27/Red mud metal matrix composites in different concentrations of Sodium chloride 59(4), 146-148, 2010	Journal of Electrochemical Society of India		-	-	-
3	N Osmium (VIII) catalyzed Kinetics and Mechanism of Indigo Carmine Oxidation by Chloramine-B in Basic Medium.	Journal of *Synthesis and Reactivity in Inorganic, Metal organic and Nano metal Chemistry*	1553-3174	019	-	0.518
4	Corrosion Studies of Al 6061 / Red Mud Metal Matrix Composites.60(3), 100-104, 2011	Journal of Electro-chemical Society of India		-	-	-
5	Synthesis and Characterization of Copolymers of Methyl Methacrylate and 2-Ethoxy Ethylmethacrylate 2 (3), 22-27, 2012	American Journal of Polymer Science	2163-1352	--	-	-
6	Computer Simulations	Applied	1662-7482	0.13	-	-

	of Galvanic Corrosion Behaviour of Zinc-Aluminium based Composites Reinforced with Red Mud by Potentiodynamic Polarization Techniques 110-116, 1121- 1124, 2012	Mechanics and Materials				
7	Studies on Specific and Hydrogen bonding Interaction of poly (Ethylene Glycol) with 2-Ethoxy Ethylmethacrylate Copolymer blends. 1 (1), 36-42, 2012	IOSR Journal of Applied Chemistry	2278-5736	-	-	-
8	Studies on Miscibility, Compatibility Specific Interaction and Hydrogen Bonding Interaction of 2-Ethoxy Ethylmethacrylate Copolymer and its blends with poly (4-vinyl phenol) Vol 7(1-2), Jan-July,2012	mySCIENCE (Biannual Science Journal of the University of Mysore)	-	-	-	-
9.	Facile and Sensitive Spectrophotometric	*Journal of Science and*	-	-	-	-

	Determination of Selenium. 2 (2013) 21-28	*Technology*				
10	Reactivity Ratios of Copolymer (N-Vinylpyrrolidone - Acrylic acid) (Accepted for January edition)	American Journal of Polymer Science	2163-1344 2163-1352	-	-	-
11	Kinetics of polymerization of acrylonitrile initiated by the vanadium(V)-bisulphite redox system in sulphuric and perchloric acid media 273 (1) 218-223	Journal of Molecular Catalysis A	1381-1169	1.23	1.289	3.679

Dr. K.Sunil, Associate Professor:

Sl.	Title with Page No's	Journal	ISSN/ISBN No.	SJR	SNIP	Impact factor
1	Facile and sensitive spectrophotometric determination of Chromium 41 (2008) 2374	Analytical Letters,	00032719	0.35	0.52	0.99
2	Spectrophotometric determination of hydrogen peroxide in water and cream	Bulletin of Environmental	00074861	0.54	-	1.216

	samples. 81 (2008) 422-426	Contamination &Toxicology,				
3	Bis{4-[(Z)-N'-(4-hydroxybenzylidene) hydrazi no]-8-(trifluoromethyl)quinoliniu m} sulfatedihydrate.,64 (2008) 0481	Acta Crystallographica E	16005368	0.23	-	0.35
4	Spectrophotometric method for the determination of dissolved oxygen in water samples. 02 (2009) 261.	Oxidation Communications,	0209-4541	0.2	0.42	0.507
5	Facile and sensitive spectrophotometric method for the determination of vanadium.. 4 (2009) 141	Euracian Journal of Analytical Chemistry	13063057	0.12	-	-
6.	A Simple and Rapid Method for the Spectrophotometric Determination of Nitrite and Nitrate. 04 (2009) 204-214.	Euracian Journal of Analytical Chemistry.	13063057	0.12	-	-
7.	Facile and Sensitive Spectrophotometric Method for the determination of Chromium 2 (2013) 21	Journal of Science and Technology,		-	-	-
8	(1Z)-1-(4-Meth-oxyphenyl)ethan-1-one thiosemicarbazone., E63 (2007) o4834.	Acta Crystallographica E	16005368	0.23	-	0.347
9	4-[1-(4-Chlorop-henyl)-3-	Acta	16005368	0.2	-	0.347

	oxobutylamino] benzoic acid., E63 (2007) o4420.	Crystallographica E		3		
10	2-Bromo-N'-[(E)-(4-fluorophenyl)methylene]-5-methoxybenzohydrazide monohydrate. E63 (2007) o2948.	Acta Crystallographica E	16005368	0.23	-	0.347
11	N'-[(1E)-(4-Fluorophenyl)methylene]-6-methoxy-2-naphthohydrazide.,E63 (2007) o2565.	Acta Crystallographica E	16005368	0.23	-	0.347
12	2-Bromo-N'-isopropylidene-5-methoxybenzohydrazide *E*, E63 (2007) o3487.	Acta Crystallographica E	16005368	0.23	-	0.347
13	1-(2,6-Dimethylphenyl)thioureaE63(2007) o3754	Acta Crystallographica E	16005368	0.23	-	0.347
14	N'-Isopropylidene-6-methoxy-2-naphthohydrazide., E63 (2007) o3551.	Acta Crystallographica E	16005368	0.23	-	0.347
15	2-Bromo-N'-[(E)-4-hydroxybenzylidene]-5-methoxybenzohydrazide. E63 (2007) o3862.	Acta Crystallographica E	16005368	0.23	-	0.347
16	4-Fluorobenzaldehyde(E)-4-fluorobenzyli- dene] hydrazone. E63 (2007) o4145.	Acta Crystallographica E	16005368	0.23	-	0.347
17	2-Bromo-N'-[(E)-4-chlorobenzylidene]-5-methoxybenzohydrazide. E63 (2007) o3652.	Acta Crystallographica E	16005368	0.23	-	0.347

18	2-(4-Chlorophenyl)-3-{[(1E)-(4-chlorophenyl) methylene]amino}-2,3-dihydroquin azolin-4(1H)-one, E63 (2007) o4025-o4026.	Acta Crystallographica E	16005368	0.23	-	0.347
19	Bis{4-[(Z)- N'-(4-hydroxybenzylidene) hydrazino]-8-(trifluoromethyl)quinoliniu m} sulfate dihydrate. E64 (2008) o481.	Acta Crystallographica E	16005368	0.23	-	0.347
20	1,5-Bis[(1E)-3,4-dimethoxybenzylidene] thiocarbo nohydrazide tetrahydrate. *E*, E63 (2007) o3521.	Acta Crystallographica E	16005368	0.23	-	0.347
21	4-[(1E)-Benzylideneamino]-3-methyl-2,4-dihydro-1H-1,2,4-triazole-5-thione.E63 (2007)o1398	Acta Crystallographica E	16005368	0.23	-	0.347
22	2-Bromo-5-methoxy-N'-[(E)-(2-nitrophenyl) methylene]benzohydrazide *E*, E63 (2007) o2719.	Acta Crystallographica E	16005368	0.23	-	0.347
23	Bis{4-[(2-hydroxybenzylidine)hydrazi no]-8-(trifluoromethyl)quinoliniu m} sulfate tetrahydrate. E63 (2007) o2720-o2721.	Acta Crystallographica E	16005368	0.23	-	0.347
24	(2E)-1-(4-Bromophenyl)-3-(4-nitrophenyl) prop-2-en-1-	Acta Crystallogr	16005368	0.23	-	0.347

	one *E*, E62 (2006) o4829-o4831.	aphica E				

Mr. G. Manjunatha, Lecturer

1	Fluoride content of selected areas in and around pavagada taluk, Tumkur district, Karnataka. 1, (4) (2012) 311-313.	International Journal of latest research in Science and Technology	22785299	-	-	1.82
2	Physico- chemical parameters and ground water quality status of villages of sira taluk, Tumkur District, Karnataka. 1, (4) (2012) 423	International Journal of latest research in Science and Technology	22785299	-	-	1.82
3.	Total Hardness Content In The Pavagada Taluk Of Tumkur District, Vol 3, Issue 10, 2014.	World Journal of Pharmaceutical Research	2277– 7105			
4.	Water Quality Parameter: Total Turbidity Content In The Pavagada Taluk Of Tumkur District, Karnatakastate, India. Vol 3, Issue 12, 2014.	World Journal of Pharmacy And Pharmaceutical Sciences	2278 – 4357			
5.	Determination Of Hydrogen Ion Concentration In The Pavagada Taluk Of Tumkur District. (2015), 1001-1006.	Journal of Applicable Chemistry,	2278- 1862			

Lt. Dr. H.V. Jayaprakash, Lecturer

1	Corrosion Studies of Al 6061 / Red Mud Metal Matrix Composites.60(3), 100-104, 2011	Journal of Electro-chemical Society of India		-	-	-
2	Computer Simulations of Galvanic Corrosion Behaviour of Zinc-Aluminium based Composites Reinforced with Red Mud by Potentiodynamic Polarization Techniques 110-116, 1121- 1124, 2012	Applied Mechanics and Materials	1662-7482	-	-	-
3.	Open Circuit Potential Studies of ZA-27/Quartz Metal Matrix Composites in 0.1N acid Chloride medium. 19(3), (2007). 405-408	International Journal of Physical Sciences,				
4.	"Weight Loss Corrosion Studies of Al-6061/ Red Mud Metal Matrix Composites in 1N Hydrochloric acid solution" 3(2), (2007). 211-215	Journal of Ultra Chemistry				
5.	Open Circuit Potential of ZA-27/Red Mud Metal Matrix Composites in different concentrations of Sodium chloride. 59(4), (2010),	J. Electrochemical society of India .				

	146-148, (CODEN-JESIA 59 [4] 106 – 155, 2010, ISSN: 0013-466X).					
6.	Electrochemical Studies of Al-6061-Cu-SiC Metal Matrix Composites in Sodium Hydroxide Solution by Weight Loss Corrosion Method.59(4), (2010),119-122, (CODEN-JESIA 59 [4] 106 – 155, 2010, ISSN: 0013-466X).	J. Electrochemical society of India,				

Smt P. Hemalatha, Lecturer

1	Studies on Specific and Hydrogen bonding Interaction of poly (Ethylene Glycol) with 2-Ethoxy Ethylmethacrylate Copolymer blends. 1 (1), 36-42, 2012	IOSR Journal of Applied Chemistry	2278-5736	-	-	-
2	Studies on Miscibility, Compatibility Specific Interaction and Hydrogen Bonding Interaction of 2-Ethoxy Ethylmethacrylate Copolymer and its blends with poly (4-vinyl phenol) Vol 7(1-2), Jan-July,2012	mySCIENCE (Biannual Science Journal of the University of Mysore)		-	-	--
3.	Facile and Sensitive Spectrophotometric Determination of Selenium. 2 (2013) 21-28	Journal of Science and Technology		-	-	-

4	Reactivity Ratios of Copolymer (N-Vinylpyrrolidone - Acrylic acid) (Accepted for January edition)	American Journal of Polymer Science	p-ISSN 2163-1344 e-ISSN 2163-1352	-	-	-

Monographs – NIL

Chapter(s) in Books – NIL

Edited Books – Nil

Books with ISBN numbers with details of publishers – NIL

Number listed in International database (For e.g. Web of science Scopus Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.) : -35-

Citation index – range / average: 250

SNIP:2.229

SJR:6.669

Name	Total No. of Journal Public	Total No. of Conference Public	No. listed in international database	Citation Index	SNIP	SJR	Impact factor	h-Index

	ations	ations	(Google Scholar, Etc.)					x
Dr M K Veeraiah	24	15	7	42	1.29	1.74	4.72	3
Dr. K Sunil	24	8	23	205	0.94	5.47	8.96	8
G Manjunatha	2	2	2	0	-	-	-	-
Lt. Dr. H V Jayaprakash.	6	12	1	0	-	-	-	-
P Hemalatha	4	6	2	3				

26. Details of patents and income generated: Nil

27. Areas of consultancy and income generated: Nil

28. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

Nil

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Sl No	Name of the Faculty	Role of the faculty in developmental activities

1	Dr. M K Veeraiah	Reviewer for Journal of Physical Organic Chemistry
2	Dr. K Sunil	Editorial member of International journal of modern chemistry

27. Faculty recharging strategies: Faculties are encouraged to participate in seminars, conferences, workshops, STTPs, Summer/winter schools, and Training programmes.

Faculties are motivated to attend

Workshops.

Seminars.

National & International Conferences.

Industrial Training.

In house Seminars.

28. Student projects:

We are facilitating the student project by providing laboratory facilities and guiding the students of Mechanical Engineering, Medical Electronics and Civil Engineering.

29. Awards / recognitions received at the national and international level by

Faculty : Prof M K Veeraiah, Received the Suvarna Kannadiga award from Mumbai Kannada Sangha.

Students: Report has been given in their Departments.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Evaluative Report Of Physics

1. **Name of the Department** :- Department of Physics
2. **Year of establishment** :- 1979
3. **Is the Department part of a School/Faculty of the university?**

   Yes, a part of the constituent college.
4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,)**

   Not Applicable (Our department is a supporting department)
5. **Interdisciplinary courses and departments involved**

Name of Programme	**Department involved**
BE	Teaching Engineering Physics theory and Lab for all the branches offered by the college.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.

   : - Nil
7. **Details of programmes / courses discontinued, if any, with reasons**:- Nil
8. **Examination System**

   UG & PG - Semester Based Credit System.
9. **Participation of the department in the courses offered by other departments :** Nil
10. **Number of teaching posts-**

Positions	**Sanctioned**	**Filled**
Professors	-01	**0**
Associate Professors	-	**1**
Lecturers	-	**3**

11. **Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)**

Name of the Teacher	Qualification	Designation	Specialization	Number of years of Experience	Number of Ph.D. Students Guided in the last 4 Years
Dr. M.S Rudresha	M.Sc.,Ph.D	Asso Prof. & H.O.D.	BioPhysics	21 yrs	--
T.G Mekhala	M.Sc.,	Lecturer	Nuclear Physics	05 yrs	--
K.S Shilpashree	M.Sc.,	Lecturer	Solid state Physics	04 yrs	
C . Manjunath	M.Sc.	Lecturer	Solid state physics	03yrs	--

12. **List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors-** Nil

13. **Percentage of classes taken by temporary faculty – programme-wise information-** NIL

14. **Programme-wise Student Teacher Ratio**

Name of programme	Student Teacher Ratio

15. **Number of academic support staff (technical) and administrative staff.**

Positions	Sanctioned	Filled

Technical Staff and Administrative Staff		1

16. Research thrust areas

Thrust areas of research in the department are:

1. Biophysics
2. Solid state physics
3. Nano materials

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.

List of ongoing projects	2014-2015	02	1) Fiber optic interferometric refractometer for the study of variation of refractive index of Nacl with concentration. 2) Radiation characteristiy of pentagonal Microstrip antenna in weakly ionized plasma medium.
	2013-2014	01	Strong Hydro magnetic cylindrical shock waves under the influences of overtaking disturbances.
	2012-2013	01	Hydro magnetic flow through porous medium of elastic-viscous fluid over a porous plate
	2011-2012		An empirical approach of solar cells for maximum efficiency.

18. Inter-institutional collaborative projects and grants received

a **State Institutions :** -Nil-

b **All India collaboration:** -Nil-

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. -Nil-

20. Research facility / center with

21. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

22. Publications:

International publication	2014-2015		
	2013-2014	01	Crystal size variation with Annieling temperature, anniealing time and dielectric studies on barium titanate
	2012-2013	01	Effect of traffic on environmental pollution in Tumkur city, Karnataka
	2011-2012	01	Ground water pollution due to urbanization and industrialization in Tumkur district.
	2010-2011	02	1) Physico-chemical characteristic of borewell waters in and around Tumkur city 2) Chromium pollution in the ground waters of and industrial area in and around Tumkur City
National publication	2014-2015		
	2013-2014	01	Voice communications through optical fibres
	2012-2013		
	2011-2012		
	2010-2011		

Number of papers published in the peer reviewed International journals :08

- Monographs – NIL
- Chapter(s) in Books – NIL
- Edited Book-NIL.
- Books with ISBN numbers with details of publishers – NIL
- Number listed in International database (For e.g. Web of science Scopus Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.) :

Citation index – range / average :

- SNIP:
- SJR:

23. **Details of patents and income generated**: Nil
24. **Areas of consultancy and income generated:** Nil
25. **Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad: National:NIL**

International:NIL

26. Faculty serving in a) National committees b) International committees c) Editorial Boards

d) any other (please specify)

Editorial Board Member of the "

1. **Journal of Science and Technology**
2. **International Journal of Phyical science.**
3. **Indian Journal of scientific Research.**
4. **Technical Journals**

26. Faculty recharging strategies: Faculties are encouraged to participate in seminars, conferences, workshops, STTPs, Summer/winter schools, and Training programmes.

Faculties are motivated to attend

- Workshops.: 10
- Seminars: 2
- National Conferences: 1

27. Student projects:

2014-2015	01	Conducting the seminars.

28. Awards / recognitions received at the national and international level by

- Faculty : -Nil-
- Students: -Nil -

29. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

List of seminars conducted	2014-2015	01	Luminescence phosphorescence and its applications
	2013-2014	01	Super Conductors and its application.
	2012-2013	01	Synthesis and Characterization of the materials.

	2011-2012	01	Ground water pollution due to industrialization and urbanization

30. Code of ethics for research followed by the departments:

The Department conducting workshops, seminar, conferences,and committed to undertaking research

31. Student profile Programme-wise: Not Applicable

32. Diversity of students (5 years)*

Not Applicable

33. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Not Applicable

34. Student progression

Not Applicable

35. Diversity of staff

Not Applicable

36. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

Ph.D: 02

37. Present details of infrastructural facilities with regard to

a) Departmental Library – Available with about 100 volumes.

b) Internet facility for staff: Provided by the Institution

39. List of doctoral students (No.s only)

a from the host university Doctoral :

b from other universities :

40 Number of post graduate students getting financial assistance from the university?

Not Applicable

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- No new program has been introduced.

42 Does the department obtain feedback :Yes

Feedback taken from the Students on staff, curriculum and teaching-learning-evaluation. Student feedback is taken in every semester through a 10 point

questionnaire and is evaluated. Poor performing faculties are advised to overcome the drawbacks.

43 List the distinguished alumni of the department (maximum 10)

Not Applicable

44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts

ENRICHMENT courses	2014-2015	01	Foundation for Advancement of education and research
	2013-2014	01	Foundation for Advancement of education and research
	2012-2013	01	Foundation for Advancement of education and research

45 List the teaching methods adopted by the faculty for different programmes

- Conventional method of black board and chalk
- OHP(if required)
- Quiz program
- seminars, assignments.

46 How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Continues evaluation methods internal assessment tests and Mid-Term Exams are conducted.
- Seminars to enhance the communication skills.
- Question papers are set has per outcome based education.

47 Highlight the participation of students and faculty in extension activities.

-NIL-

48 Give details of "beyond syllabus scholarly activities" of the department.

-NIL-

49 State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Not Applicable

50 Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

51. **Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the `department.**

- Young and motivated faculty members.
  One staff pursuing the Ph.D.
- The average teaching experience of the staff of the department is 10 years.
- The number of publications by the faculty members in the last four years has
- been commendable.

Weaknesses:

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

52. **Future plans of the department.**

Considerable no. of Publications in refereed journals: 08

EVALUATIVE REPORT OF THE DEPARTMENT OF MATHEMATICS

1. **Name of the Department** :- Department of Mathematics
2. **Year of establishment** :- 1980
3. **Is the Department part of a School/Faculty of the university?**

   Yes, a part of the constituent college.
4. **Names of Programmes / Courses offered (UG, PG, Ph.D.,)**

   Not Applicable (Our department is a supporting department)
5. **Interdisciplinary courses and departments involved**

Name of Programme	**Department involved**
BE	Teaching Engineering Mathematics for all the branches offered by the college.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc**.

   : - Ph.D in Mathematics in collaboration with Kuvempu University, Shankaraghatta, Shimoga.
7. **Details of programmes / courses discontinued, if any, with reasons**:- Nil
8. **Examination System**

   UG & PG - Semester Based Credit System.
9. **Participation of the department in the courses offered by other departments :** Nil
10. **Number of teaching posts-**

Positions	**Sanctioned**	**Filled**
Professors	-	**3**
Associate Professors	-	**1**
Lecturers	-	**5**

11. **Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./ Ph.D./M. Phil.,/M. E. etc.)**

Name of the Teacher	Qualification	Designation	Specialization	Number of years of Experience	Number of Ph. D. Students Guided in the last 4 Years
R.Narasimhaswamy	M.Sc.,	Prof. & H.O.D.	Magneto Hydro Dynamics	35 yrs	--
Dr.K.Naganagoud	M.Sc.,Ph.D	Professor	Differential Geometry	26 yrs	--
Dr.Venkanagouda M Goudar	M.Sc.,Ph.D	Professor	Graph Theory	20 yrs	2
Dr.G.T.Sreenivasa	M.Sc.,Ph.D	Asso. Professor	Differential Geometry	09 yrs	--
N.Murulidhara	M.Sc.,M.Phil	Lecturer	Fluid Dynamics	14 yrs	--

Dr.K.M.Tejaswini	M.Sc.,M.Phil, Ph.D	Lecturer	MHD,FEM	10 yrs	--
C.B.Rajani	M.Sc.,M.Phil	Lecturer	Fluid Mechanics, MHD ,Graph Theory	08 yrs	--
Shobha	M.Sc.,M.Phil	Lecturer	Fluid Mechanics	08 yrs	--
S.H.Venkatesh	M.Sc	Lecturer	Differential Geometry	04 yrs	--

12. **List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors-** Nil
13. **Percentage of classes taken by temporary faculty – programme-wise information-** NIL
14. **Programme-wise Student Teacher Ratio**
15. **Number of academic support staff (technical) and administrative staff**.

Positions	Sanctioned	Filled
Technical Staff and Administrative Staff		1

16. **Research thrust areas**

Thrust areas of research in the department are:

4. Graph Theory
5. Fluid Dynamics
6. Differential Geometry

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise.** -Nil-
18. **Inter-institutional collaborative projects and grants received**

c **State Institutions :** -Nil-

d **All India collaboration:** -Nil-

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. -Nil-

20. Research facility / center with

State recognition:

Department has been recognized as research center by Kuvempu University, Shivamogga.

21. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

22. Publications:

International publication	2014-2015		Dr.Venkanagouda M Goudar 1.**Topline graph of a tree,**Gulf journal of Mathematics
	2013-2014		Dr.Venkanagouda M Goudar • **Nonsplit Geodetic number of a lict graph,** International journal of Computer applications. • **Strong split geodetic number of a graph,**International journal of Computer applications. • **Edge Semientire Block graph,**International journal of Computer applications. • **Pathos Vertex Semientire Block graph,**International Journal of Mathematics Trends and Technology. • **Vertex Semientire Block graph,***Global Journal of Science Frontier Research.* • **Strong split geodetic number of a line graph,**International Journal of

			Advances in Theoretical and Applied mathematics. • **The geodetic parameters of strong product graphs,**International Journal of Computer Applications. • **Nonsplit Geodetic number of a Lict graph,**International journal of Computer applications.
	2012-2013		Dr.Venkanagouda M Goudar • **Semirelib Cutvertex graph,**Global journal of science frontier research. • **Pathos Semirelib graph of a tree,**Global journal of pure and applied mathematics. • **Domination number of jump graph(753-758),**International mathematical Forum. • **Top semirelib graph of a tree,**International journal of Computer applications. • **Pathos semirelib cutvertex graph,**South Asian Journal of Mathematics. • **Total semirelib graph,**International journal of mathematical combinatorics. • **Toplict graph of a tree,**
	2011-2012		Dr.Venkanagouda M Goudar • **Pathos Jump graph of a tree,**International Journal of mathematics Research. • **Pathos Lict Jump graph of a tree,**International Journal of

			Advances in Theoretical and Applied mathematics. • **Clique edge graph of a graph with (0, 1) matrices,**International journal of mathematics and computer applications research. • **On the lict geodetic number of a graph,**International journal of mathematics and computer applications research. • **Edge semientire cutvertex graph,**International journal of basic and applied Sciences. • **Pathos vertex semientire of a tree,**International journal of applied mathematical research. • **On Geodetic number of line graph,**International journal of Contemporary Mathematical Sciences**.**
	2010-2011		Dr.Venkanagouda M Goudar • **Pathos edge semientire graph of a middle graph of tree,**Journal of Intelligent System Research. • **Cutvertex jump graph,**International journal of Publications of Applications and Problems in Engineering Research. • **Clique Edge Graphs and its domination number,**International Journal of Publications of Applications and Problems in

			Engineering Research. Dr.G.T.Sreenivasa 4.**On Lorentzian β-Kenmotsu manifolds,**Journal of General Mathematics, ROMANIA.
National publication	2014-2015		Dr.Venkanagouda M Goudar • **Pathos Litact graph of a tree,** Journal of Discrete Mathematical Sciences and Cryptography. • **Toplict graph of a tree,**International journal BULLETIN of TICMI. • **Nonsplit Geodetic number of a line graph,**International *Global* Journal of Science Frontier Research.
	2013-2014		Dr.Venkanagouda M Goudar • **Semirelib graph of a planar graph,**Applied mathematical science. • **Pathos Cutvertex jump graph,**Proceedings of Jangjeon mathematical society.
	2012-2013		Dr.Venkanagouda M Goudar 1.**Total block edge cutvertex graph,** Journal of applied mathematical research.
	2011-2012		Dr.Venkanagouda M Goudar • **Pathos edge semientire graph of a middle graph of tree,**Journal of Intelligent System Research. • **Lict Jump graph of a graph,**Journal of mathematics and computer applications Research.
	2010-2011		

Number of papers published in the peer reviewed International journals :45

Sl. No.	Name of the faculty member	Number listed in Intl. database (Web of science, scopes science directory etc.)	SNIP	SJR	Impact Factor	Citation index	h-index
1	Dr.Venkanagouda M Goudar					15	2
2	Dr.Venkanagouda M Goudar	Semirelib Cutvertex graph		0.19			
3	Dr.Venkanagouda M Goudar	Semirelib graph of a planar graph		0.47			
4	Dr.Venkanagouda M Goudar	Pathos Semirelib graph of a tree		0.19			
5	Dr.Venkanagouda M Goudar	Top semirelib graph of a tree		0.25			
6	**Venkanagouda M Goudar,** Tejaswini K M , Venkatesha	**Nonsplit Geodetic number of a lict graph**		0.25			
7	**Venkanagouda M Goudar**, Ashalatha K S and Venkatesha	**Strong split geodetic number of a graph**		0.25			
8	**Venkanagouda M Goudar and** , Jagadeesh N	**Edge Semientire Block graph**		0.25			
9	Ashalatha K.S.,**Venkanagouda. M. Goudar**,	**The geodetic parameters of strong product graphs**		0.25			

	Venkatesha						
10	**Venkanagouda M Goudar**, Tejaswini K M, Venkatesha	**Nonsplit Geodetic number of a Lict graph**					
11	**Venkanagouda M Goudar**	**Pathos Litact graph of a tree**		0.15			2

- Monographs – NIL
- Chapter(s) in Books – NIL
- Edited Book-NIL.
- Books with ISBN numbers with details of publishers – NIL
- Number listed in International database (For e.g. Web of science Scopus Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.) : 11

  Citation index – range / average : 15

  SNIP:
- SJR: 2

23. Details of patents and income generated: Nil

24. Areas of consultancy and income generated: Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad: National:NIL

International:NIL

26. Faculty serving in a) National committees b) International committees c) Editorial Boards

d) any other (please specify)

Editorial Board Member of the "

5. **Journal of Mathematics and Computer applications Research (JMCAR)**
6. **International Journal of Mathematics and Computer applications Research (IJMCAR).**
7. **Indian Journal of scientific Research.**

8. **Technical Journals**
9. **International journal of engineering research.**
10. **The Global Journal of Science Frontier Research (GJSFR)**

27. **Faculty recharging strategies: Faculties are encouraged to participate in seminars, conferences, workshops, STTPs, Summer/winter schools, and Training programmes.**

Faculties are motivated to attend

- Workshops.: 15
- Seminars: 5
- National Conferences: 5

28. **Student projects: Not Applicable**
29. **Awards / recognitions received at the national and international level by**

- Faculty : -Nil-
- Students: -Nil –

2011-2012	1	Mr.R.Narasimhasway was honored by the college by awarding "superlative award" in appreciation(by students feedback) of his best effort in teaching.

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

-NIL-

31. **Code of ethics for research followed by the departments:**

The Department is committed to undertaking research with scientific integrity and in conformity with the accepted code of principles on Good Research Practices (GRP). All researchers follow the standard procedures for conducting research laid down by relevant scientific and professional bodies. Researchers are aware and comply with the ethical and legal requirements relating to disclosures of personal information, biodiversity protection before undertaking research.

32. **Student profile Programme-wise:** Not Applicable
33. **Diversity of students (5 years)***

Not Applicable

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Not Applicable

35. Student progression

Not Applicable

36. Diversity of staff

Not Applicable

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

Ph.D: 02

38. Present details of infrastructural facilities with regard to

c) Departmental Library – Available with about 300 volumes.

d) Internet facility for staff: Provided by the Institution

39. **List of doctoral students (No.s only)**

c from the host university Doctoral : 3

d from other universities : 4

40 Number of post graduate students getting financial assistance from the university?

Not Applicable

41 Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- No new program has been introduced.

42 Does the department obtain feedback :Yes

Feedback taken from the Students on staff, curriculum and teaching-learning- evaluation. Student feedback is taken in every semester through a 10 point questionnaire and is evaluated. Poor performing faculties are advised to overcome the drawbacks.

43 List the distinguished alumni of the department (maximum 10)

Not Applicable

44 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts -.-NIL-

45 List the teaching methods adopted by the faculty for different programmes

- Conventional method of black board and chalk
- OHP(if required)

- Quiz program
- seminars, assignments.

46 How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Continues evaluation methods internal assessment tests and Mid-Term Exams
- are conducted.
- Seminars to enhance the communication skills.
- Question papers are set has per outcome based education.

47 Highlight the participation of students and faculty in extension activities.

-NIL-

48 Give details of "beyond syllabus scholarly activities" of the department.

-NIL-

49 State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

Not Applicable

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

51. **Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

- Young and motivated faculty members.
- Four staff members has Ph.D and four pursuing the Ph.D.
- The average teaching experience of the staff of the department is 15 years.
- The number of publications by the faculty members in the last four years has been commendable.

Weaknesses:

The IQAC system regularly measures and monitors the key aspects of the entire system. Any area for improvement noticed by IQAC in the system is referred to appropriate authorities for needful. Hence the improvement is initiated on continuous basis therefore no such distinct weakness present.

52. Future plans of the department.

- Considerable no. of Publications in refereed journals: 20
- Plan to start M.Sc in Mathematics