

**EVALUATIVE REPORT DEPARTMENT OF
ORAL & MAXILLOFACIAL SURGERY AND IMPLANTOLOGY**

- 1. Name of the Department** – Department Of Oral & Maxillofacial Surgery
- 2. Year of Establishment** – 1992
- 3. Is the dept part of college/faculty of the university**
Part Of College Affiliated To The Rajiv Gandhi University of Health Sciences (RGUHS)
- 4. Names of programmes offered** –
 - Undergraduation – B.D.S course
 - Post-graduation – M.D.S course
 - Certificate Course – Certificate Course In Oral Implantology (Affiliated To The Rajiv Gandhi University Of Health Sciences)
 - P.G Diploma - Oral Implantology (Affiliated To Indira Gandhi Open University –IGNOU)
 - Ph.D
 - MFDS training post approved for MFDS by Royal College of Surgeons Edinburgh at R.V.Dental College And Hospital, Bangalore.
- 5. Interdisciplinary programs & departments involved** –

a. Dental implant clinics –

| Clinics | Departments involved |
|----------------------|---|
| Dental implants | Dept of Oral & Maxillofacial Surgery Dept of Prosthodontics Dept of Periodontics |
| Orthognathic surgery | Dept of Oral & Maxillofacial Surgery Dept of Orthodontics & Dentofacial Orthopedics |
| Cleft lip & palate | Dept of Oral & Maxillofacial Surgery Dept of Pedodontics & Preventive Dentistry Dept of Orthodontics & Dentofacial Orthopedics Speech Therapy Institutes Dept of Prosthodontics |
| Oncology clinics | Dept of Oral & Maxillofacial Surgery Dept of Oral Medicine , Diagnosis & Radiology Dept of Oral & Maxillofacial Pathology Dept of Prosthodontics Dept of Medical Oncology With Bangalore Institute Of Oncology Dept of Surgical Oncology With Bangalore Institute Of Oncology Dept of Reconstructive Surgery With Bangalore Institute Of Oncology Indian Institute of Science (IISC) |
| Trauma Clinics | Dept Of Oral & Maxillofacial Surgery |

| | |
|----------------------------------|---|
| | Dept Of Oral Medicine , Diagnosis & Radiology National Institute Of Health & Mental Sciences (NIMHANS) Sevakshetra Hospitals Sagar Hospitals Apollo Hospitals |
| Hyperbaric Oxygen Therapy (Hbot) | Dept Of Oral & Maxillofacial Surgery Dept Of Oral Medicine , Diagnosis & Radiology Institute Of Aviation Medicine & High Altitude Physiology, Vimanapura, Bengaluru |
| Craniofacial Clinics | Dept Of Oral & Maxillofacial Surgery National Institute Of Health & Mental Sciences (Nimhans) |
| Speech Therapy | Dept Of Oral & Maxillofacial Surgery Dr.S.R. Chandrashekhara Institute Speech Therapy Institutes |

6. Courses In Collaboration with other Universities, Industries, Foreign Institutions, Etc

- a. P.G Diploma - Oral Implantology (Affiliated to Indira Gandhi Open University –IGNOU)
- b. Certificate Program In Implantology by RGUHS
- c. MFDS training post approved for MFDS by Royal College of Surgeons Edinburgh at R.V.Dental College and Hospital, Bangalore.

7. DETAILS OF PROGRAMS DISCONTINUED- None

8. EXAMINATION SYSTEM: Annual

| COURSE | EXAMINATION SYSTEM |
|---|--------------------------------------|
| Undergraduation – B.D.S course I B.D.S II B.D.S III B.D.S IV B.D.S | Annual Annual Annual Annual |
| Post-graduation – M.D.S course | At the end of iii year |
| Certificate course – certificate course in oral implantology (affiliated to the rajiv gandhi university of health sciences) | Annual |
| P.G diploma - oral implantology (affiliated to Indira Gandhi Open University –IGNOU) | At the end of ii year |
| PhD | ANNUAL |
| MFDS training post approved for MFDS By Royal College Of Surgeons Edinburgh at R.V.Dental College And Hospital, Bangalore. | Bi- annual |

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

Dept. of Oral & Maxillofacial Surgery primarily offers surgical support to the patients in our unit & other collaborative clinics. To reinforce and customize the surgical support the faculty from the Dept. of Oral & Maxillofacial Surgery actively participates in programs / courses offered/ camps/ Outpatient Department clinics to understand the needs of the patients and help them serve better.

The collaborative clinics are :

| Clinics collaborated | Departments involved |
|----------------------------------|---|
| Dental implants | Dept of Prosthodontics Dept of Periodontics |
| Orthognathic surgery | Dept Of Orthodontics & Dentofacial Orthopedics |
| Cleft lip & palate | Dept Of Pedodontics & Preventive Dentistry Dept Of Orthodontics & Dentofacial Orthopedics Speech Therapy Institutes |
| Oncology clinics | Dept Of Oral Medicine , Diagnosis & Radiology Dept Of Oral & Maxillofacial Pathology Dept Of Prosthodontics Dept Of Medical Oncology With Bangalore Institute Of Oncology Dept Of Surgical Oncology With Bangalore Institute Of Oncology Dept Of Reconstructive Surgery With Bangalore Institute Of Oncology Indian Institute Of Science (Iisc) |
| Trauma clinics | Dept Of Oral Medicine , Diagnosis & Radiology National Institute Of Health & Mental Sciences (Nimhans) Sevakshetra Hospitals Sagar Hospitals Apollo Hospitals |
| Hyperbaric oxygen therapy (HBOT) | Dept Of Oral Medicine , Diagnosis & Radiology Institute Of Aviation Medicine & High Altitude Physiology, Vimanapura, Bengaluru |
| Craniofacial clinics | National Institute Of Health & Mental Sciences (Nimhans) |
| Speech therapy | Speech Therapy Institutes |

In collaboration with the above mentioned clinics our department participates in all the continuing dental/medical education programs.

10. Number of teaching post sanctioned, filled and actual

| | Sanctioned | Filled | Actual |
|------------------------------|-------------------|---------------|---------------|
| Professor | 1 | 2 | 2 |
| Assistant Professor (Reader) | 2 | 2 | 2 |
| Lecturer | 1 | 2 | 2 |

| Name | Qualification | Designation | Specialization | Years Of Experience |
|-------------------|---|---------------------|------------------------------------|---------------------|
| Dr.S.Girish Rao | B.D.S., M.D.S., FFDRCS (ENG), FFDREC(I) | Professor & Head | Oral & Maxillofacial Surgery | 22 |
| Dr. Sunil V. | B.D.S., M.D.S. | Professor | | 14 |
| Dr.Aravind A. | B.D.S., M.D.S. | Reader | | 9 |
| Dr. Deepak S. | B.D.S., M.D.S. | Reader | | 6.5 |
| Dr.Chinmay Vakade | B.D.S., M.D.S. | Lecturer | | 0.5 |
| Dr.Balavikhram | B.D.S., M.D.S., MOMS RCPS | Lecturer | | 0.5 |

1. Faculty profile

12. List of senior visiting fellows, adjunct faculty, emeritus professors

Professor H.GunduRao from University of Minnesota, U.S.A

13. Percentage of classes taken by temporary faculty

Not applicable. All are permanent faculty in our department.

14. Program wise Student Teacher Ratio:

UG – 4:1

PG – 1:1

PG DIPLOMA/CERTIFICATE – 1:1

PhD - 1:1

15. Number of Academic Support Staff and Administrative Staff

Nursing staff.

Comprises of a trained nurse with 36 years of experience

Mrs .T.Vasantha

Nursing superintendent.

Technical staff

We have two well-trained lab technicians who look after the Clinical laboratory

Mr. Chandrasekhar –lab technician &MrsNetravathi- lab technician.

Administrative staff

We have two trained administrative staff that assists in the smooth running of our department.

Mr.Shankar.

Mrs. Lakshmi.

16. Research Thrust areas as Recognised by Major Funding Agencies

- a. Oral Pre-Cancer & Cancer
- b. Bone Regeneration with
 - Hyperbaric Oxygen Therapy (HBOT)
 - Platelet Rich Plasma
 - Dental Implants
 - Facial Trauma

17. Number of faculty with ongoing projects from national, international funding agencies and total grants received. Give names of funding agencies, project title and grants received project wise.

| Name Of Faculty | Projects | Funds Granted (Indian Rupees) | Funds Received (Indian Rupees) | Funding Agency |
|---|---|--------------------------------|---------------------------------|---------------------------------|
| Dr. S.Girish Rao | DRDO Project on Dental Implants | 120000 | 120000 | DRDO |
| | HBOT With Institute Of Aviation Medicine and High Altitude Physiology | 30000 | 30000 | Institute of Aerospace Medicine |
| | | 150000 | 150000 | DST |
| | Oral Precancer and Cancer With Dr. Kondaiah at Indian Institute Of Science | 469640 | 469640 | ICMR |
| | Platelet Rich Plasma – ICMR Project | 150000 | 150000 | RGUHS |
| | Implants In Regenerated Bone – Rguhs | 3000000 | 3000000 | DST |
| | Non Invasive Methods Of Assessment of Blood Sugar Levels with Professor Gundu Rao | 3000000 | 3000000 | DST with IISc |
| Oral Sub Mucus Fibrosis And Oral Cancer DST | | | | |

18. Inter Institutional Collaborative Projects and Associated Grants received

Completed Projects

- a. Clinical Trial of Indigenous Implants Developed by DRDO at the Department of Oral & Maxillofacial Surgery.
 - Clinical trial of the indigenous two stage Titanium implants developed by the DRDO to assess the survival/success rate in different sites in the maxilla and the mandible over a period of 18 months.
 - To study the effect of Hyperbaric Oxygen Therapy (HBO) in patients who have undergone irradiation after Oncosurgery on the survival success of the implants developed by the DRDO
 - Use of these implants for craniofacial reconstruction using prosthetic devices in rehabilitation of patients after ablative tumor surgery and trauma.
- b. Joint project with Institute of Aviation Medicine on the effect of Hyperbaric Oxygen Therapy (HBOT) on accelerated bone regeneration.
- c. Joint Project with the Dept. Of Molecular Reproduction, Development and Genetics, Indian Institute of Science (IISc), Bangalore on
 - TGF – β expression in oral sub mucous fibrosis
 - And Oral Cancer
 - Micro array expression on oral sub mucous fibrosis & oral Cancer
- d. Project with INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR) “**Bone regeneration in extraction sockets, and following small cystic Enucleation with Autologous Platelet Rich Fibrin (PRF) Gel**” IRIS ID: 2009-00470

Research Projects (Ongoing)

Evaluation of Implants in Regenerated Jaw Bone.

In collaboration with Rajiv Gandhi University of Health Sciences

19. Dept projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE, DBT, ICSSR, AICTE, ETC, Total Grants Received

External funding agency project with dept. Of oral & maxillofacial surgery

- Oral Cancer – Applied For Welcome Trust
- Oral Cancer – Funding Applied To DST
- Oral Cancer – Norway Project

20. Research Facility/Centre with

State Recognition

- RGUHS

National Recognition

– DRDO/ICMR/IISc

International Recognition

–ROYAL LONDON HOSPITAL

DEPARTMENT OF ONCOLOGY, NORWAY

21. Special Research Laboratory Sponsored By/Created By Industry Or Corporate Bodies - None

1. PUBLICATIONS

Dr.S.GirishRao MDS, FDSRCS, FFDRCSI

Articles published

- Regulation of extracellular matrix genes by arecoline in primary gingival fibroblasts requires epithelial factors. Journal of Periodontal Research 2009,44 (6). pp. 736-743.
- Transglutaminase-2 Regulation by Arecoline in Gingival Fibroblasts - Journal of Dental Research,2009 88 (2). pp. 170-175.
- The value of transmandibular approach to total maxillectomy in the management of T3-T4 carcinoma of the maxillary sinus European Archives of Oto-Rhino –Laryngology
- The use of hyperbaric oxygen therapy in actinomycotic osteomyelitis associated florid cemento osseous dysplasia:A report of a familial case. J ClinExp Dent.2010;2(3):121-6.
- Lefort I access for juvenile nasopharyngeal Angio-fibroma(JNA): A prospective series of 22 cases. J Craniomaxillofac Surg. 2011 Mar 31.
- Multicompartmental trigeminal schwannoma- a clinical report. J Craniofac Surg. 2008 Jul;19(4):1177-80
- Surgical aspects of implants
Bridge,vol 4,issue 2,may 2003,pg 11-16
- An innovative approach to sinus membrane elevation.-The Balloon Technique
The Journal of Academy of Oral Implantology, vol 1,issue 3,sep 2008,pg 10-15
- Free fibula flap in the reconstruction of mandible-A report of six cases J Maxillofac Oral Surg.20098(3):275-78.
- Orthokeratinizedodontogenic cyst.
Indian Journal Of Dental Advancements.Vol 02,Issue 01,Jan-March,2010:149-152.
- Intramuscular haemangioma of the masseter muscle –A case report
RGUHS journal of dental sciences.August 2010,Vol 3,Issue 1.24-28.
- PLEXIFORM UnicysticAmeloblastoma in a four year old child .
Indian Journal Of Dental Advancements.Vol 02,Issue 04,Oct-Dec 2010:391-394.
- Evaluation of reduction in relapse and enhancement of patient compliance with hybrid technique of maxillary distractionosteogenesis: a long term study.
World Journal of Dentistry Apr-Jun 2011, Vol 2, Issue2,99-104
- Autologous blood injection into the upper joint space and fibrous capsule for the treatment of chronic recurrent temporomandibular joint dislocation.
Annals and Essences of Dentistry, vol3, Issue 4, Oct-Dec2011, 8-14
- Management Of Postoperative Pain And Swelling Following Mandibular Third Molar Surgery With Newer Drugs-Acomparative Study

International Journal of Contemporary Dentistry IJCD. August, 2011.
2 (4)92-94

- Bone Regeneration in Extraction Sockets with Autologous Platelet Rich Fibrin Gel. J Maxillofac Oral Surg 2013:
- **Neuro-navigation: An Adjunct in Craniofacial Surgeries: Our Experience**J Maxillofac Oral Surg 2011, Volume 10, Number 4, Pages 296-300
- Cemento-Ossifying Fibroma-A Case Report Indian J Dent Science June 2012 Issue
- Evaluation of increase in bone height following maxillary sinus augmentation using direct and indirect technique Journal of Dental Implants Jan-Jun 2012 Vol 2 Issue 1

Dr.SunilVasudev

- National Publication -1
- “Orbital floor reconstruction with silastic implants”
- Smile –Journal of IDA central, Kerala Kottayam branch.Vol 10, issue March 2010, May 2010
- “Trigemino-cardiac reflex during orbital floor reconstruction-A case report and review “
J Maxillofac Oral Surg DOI 10.1007/s12663-011-0271-4
- “Calcifying cystic Odontogenic tumor- A unique developmental lesion arising in mandible” Health Renaissance Jan- Apr 2012 vol 10 (1) 64-68

Dr.S.Deepak

- Evaluation of reduction in relapse and enhancement of patient compliance with hybrid technique of maxillary distractionosteogenesis: a long term study.
World Journal of Dentistry Apr-Jun 2011, Vol 2, Issue2,99-104
- Comparison of Titanium bone plates and screws Vs. stainless steel bone plates and screws in the management of mandibular fractures – A long term clinical study
International Journal of Clinical Dental Sciences. 2(3); 38-43
- Trauma Score: An essential entity in modern clinical forensic medicine.
Journal of South Medicolegal Association 3(2011) 64-71
- *Abstracts published*
- Distraction osteogenesis in the management of mid-face hypoplasia in cleft lip and palate patients
S.Deepak,S.GirishRao
International Journal of Oral and Maxillofacial Surgery,VOL 36,Pg.999 ,NOV 2007.
- *Distraction osteogenesis in the management of temporomandibular joint ankylosis.*
G.S.Manjunath,S.GirishRao,G.C.Rajkumar
International Journal of Oral and Maxillofacial Surgery,VOL 36,Pg.1002 ,NOV 2007.

- *Effect of hyperbaric oxygen on bone regeneration in surgical defects of the mandible.*
A.Moorthy,S.G.Rao
International Journal of Oral and Maxillofacial Surgery,VOL 36,Pg.1028 ,NOV 2007
Pattern of maxillofacial injuries in a neurosurgical trauma center in Bangalore. A.Dube,S.G.Rao
International Journal of Oral and Maxillofacial Surgery,VOL 36,Pg.1079. NOV 2007.
- *Traumatic Sialocoele*
G.Rajkumar ,G.S.Manjunath.
International Journal of Oral and Maxillofacial Surgery,VOL 36,Pg.1079 ,NOV 2007.
- *ePTFE implants for hypoplastic lips in cleft lip and palate patients :*
Dr.G.S.Rao
International Journal of Oral and Maxillofacial Surgery,VOL 36,Pg.971 ,NOV 2007.
- *Comparison of straight and step mandibulotomy in mandibular swing procedures.*
V.Reddy,G.Rao
International Journal of Oral and Maxillofacial Surgery,VOL 36,Pg.1024 ,NOV 2007.

2. Details of patent and income generated - NIL

3. Areas of consultancy and income generated–

Dr. S. GirishRao (Professor & Head) is an honorary consultant in the following hospitals: NIMHANS, Sevakshetra Hospitals, Mathruchhaya, Indira Gandhi child health institute, Jayanagar general hospital.

25. Faculty selected nationally/internationally to visit other laboratories / institutions /industries in india and abroad Dr.S.GirishRao has been deputed to various foreign countries from the institution

The following conferences at International Venues were attended by him.

- International Conference of Oral and Maxillofacial Surgery held in Athens ,2004
- Attended the Asian Science Seminar on Molecular Bone Biology at Okayama, Japan in May 2005 and presented a paper on Expression of TGF beta and micr-oarray in oral submucous fibrosis.
- Key note speaker at the 18th Brazilian Congress of Oral & Maxillofacial Surgery and Traumatology held in OuroPreto, Brazil from 24th to 28th August 2005.
- Paper presentation on “Craniofacial approaches to anterior Cranial base tumors – our experience” at the 17th International Conference of Oral and Maxillofacial Surgery in Vienna, Austria between 29th Aug to 2nd Sept. 2005.
- Paper presentation on “Distraction Osteogenesis in the management of TMJ Ankyloisis” at the International Association of Dental Research held in Brisbane, Australia from 28th June 2006 to 2nd July 2006.

- Paper presentation on ‘Use of carbon di oxide laser in ablation of oral leukoplakia’. 8th Asian Congress On Oral And Maxillofacial Surgery held in Bangkok, Nov 4-7, 2008.
- Paper presentation on “Immediate loading of Implants in Microvascular free fibula grafts in Ameloblastoma ” in the International Conference of Oral and Maxillofacial Surgery ,held in Shanghai, China ,May 24-28th 2009.
- Financial aid received from the college-Rs 50,000.
- Financial aid received from the RGUHS-Rs 15,000. Resource Person in the TOT programme held in M.S.Ramaiah Dental College and hospital conducted on 28TH, 29TH, 30TH of April 2009.
- Dr. S.GirishRao has visited Japan twice to SHOWA University
- He visited Harvard University
- He visited Boston University
- He visited Royal London Dental Hospital

26. Faculty serving in national committees / international committees/editorial board.any other (specify)

DR. S. GIRISH RAO (Professor & Head of the Department)

- Ambassador of ICOI from January 2014 to January 2016
- Reviewer of Journal of Maxillofacial & Oral Surgery (JMOSI)
- Reviewer of Annals of Oral & Maxillofacial Surgery
- Reviewer of Indian Journal of Dental Research (IJDR)
- Reviewer of National Journal of Maxillofacial Surgery Lucknow

27. Faculty recharging strategies.

Regular attendance of seminars, conferences, workshops and symposiums.

28. Student project (percentage of students who have taken up inhouse projects including inter departmental projects – 100%

(1st prize by a student in student conference)

Percentage of students doing projects in collaboration with other universities/ industry or institute–

- Bangalore Institute of Oncology & HCG group of Hospitals –
- Dr. Adithya Moorthy (Post-graduate Alumnus of Department)
- ICMR – Dr. Trupthi (Post-graduate Alumnus of Department)

29. Awards of recognition received at the national or international level by the faculty, doctoral or post doctoral fellows/students

Dr S GirishRao, our Head of the Department has been conferred with many prestigious awards.

The prominent ones among them being;

- *Institute of Project Management award in 2008.*
- *R V award for excellence in the year 2005.*

- *R V award for excellence in the year 2002.*
- *R V award for excellence in the year 2001.*
- *Rotary award for community service in the year 2002*
- *R V award for excellence in the year 2000.*
- *Fellowship of ICOI – 2009*
- *Diplomate of ICOI – 2009*
- *Ambassador of ICOI – 2013*

30. Seminars / conferences work shops organised and the source of funding (national/international) with details of outstanding participants if any

- Symposium on Facial Trauma & its Management on 13th October 2003 at R.V. Dental College.
- Basics of Maxillofacial Trauma Management: Mr. John Carter. Consultant Maxillofacial Surgeon & Director, Post Graduate Training, Royal London Hospital.
- Diagnosis and management of NasoEthmoid Complex Fracture: Dr. Kishore Nayak Professor & Consultant Maxillofacial surgeon Bangalore.
- 2. Workshop & Live Surgical Demonstration on Indigenous Implant Developed by DRDO at R. V. Dental College on 17th December 2003 at R.V. Dental College and Hospital.
- Development and Application of indigenous implant developed by DRDO Major General Dr. T. Ravindranath. Director Institute of Nuclear Medicine & Allied Sciences, Delhi.
- Our Experiences with indigenous implants developed by DRDO:
- Dr. S. GirishRao, Prof. & Head Of Oral & Maxillofacial Surgery, R.V. Dental College & Hospital
- Hands on course on oral implantology conducted at R. V. Dental College by Dept. of Oral and Maxillofacial Surgery on 28 December 2005 during the Karnataka State Medical and Dental Association meet.
- Speaker: Introduction to Implantology, History and Implant components – Dr. Prafulla Thumati Surgical aspects of implantology - Dr. S. GirishRao
- Prosthodontic Aspect of Implantology – Dr. Anand Krishna
- Complications in Implantology – Dr. Uttam Chand Kincha
- 4. “One Day Focused workshop on Lasers” was organized by Department of Oral and Maxillofacial Surgery at R. V. Dental College and Hospital on 17th June 2006.
- Introduction to Lasers, Lasers Biophysics and application of lasers in Dentistry – Dr. Shashikala
- Lasers in Oral and Maxillofacial Surgery – Dr. S. GirishRao
- Lasers in facial Rejuvenation – Dr. Chaitra, Consultant Dermatologist “Orthognathic Surgery and Distraction Osteogenesis Course” was organized by Department of Oral and Maxillofacial Surgery, R. V. Dental College in association with Glasgow Dental School and Association of Oral and Maxillofacial surgeons of India. The course included lectures and live surgical demonstrations of two cases requiring distraction osteogenesis for correction.

The course was conducted between 4th and 6th Sept. 2006.

Speakers:

- Prof. Ashraf Ayub, Consultant maxillofacial surgeon
- Mr. Joseph McManners, Consultant maxillofacial surgeon
- Dr. Sunny Khambay, Consultant Orthodontist
- Mr. Frazer Walker, Maxillofacial Technician
- Masterclass In Oral & Maxillofacial Surgery Organised by International Association of Oral & Maxillofacial Surgeons And Dept Of Oral & Maxillofacial Surgery, DAPM R.V.Dental College & Hospital

CDE & workshops attended & conducted -last 5 yrs

CDE conducted -last 3 yrs

- CDE on 'Nuggets of synopsis presentation' on 22/07/08 ,Monday by Dr.D.K.Srinivas,Consultant ,Curriculum Designing ,RGUHS.
- Organization Of CDE/CME
- CME on Implantology was organized by the Department of Oral and Maxillofacial Surgery, R. V. Dental College in association with Nobel Biocare On Friday, 7th march 2008. "Basics of Implantology and sinus lift procedures." Speaker– Dr. S. GirishRao Followed by, Live surgery on indirect sinus lift procedures. Performed by - Dr. S. GirishRao
- CME Programme on "Pathophysiology of Wound Healing" by Prof. GunduRao, Minnesota University on 13-03-2008.
- CME Programme on "Immediate loaded implants in edentulous ridge" was conducted by the Department of Oral and Maxillofacial Surgery, R. V. Dental College in association with Ranbaxy pharma Seminar Hall, 2nd Floor, RVDC, on 10th April 2007, Time: 12:00pm to 12:30 pm.
- Lecture on 'Clinical research'- A new career prescription for science, biotechnology, pharmacy, lifesciences, medicine, dentistry and nursing graduates. By Dr. Shailaja on 1/08/08 in DAPMRV Dental College in association with Institute of clinical research (India).
- Lecture on Personality Development was arranged in association with Reddys Laboratory in the month of 11th September 2008.
- Training of Trainers Programme was conducted in association with RGUHS, in Auditorium, D A P M R V D C , on 25, 26, 27th of Feb 2009 under the mentorship of Dr D.K.Srinivas, Dr. GirishRao, DrRoopaNadig, DrLaxman, DrPushpanjali.
- CDE program on Cardio-pulmonary Resuscitation was conducted in association with Comprehensive Trauma Consortium (CTC) and Paramedics Research Institute of Medical Emergencies (PRIME) on 10th & 11th Feb 2010.

FOCUSSED MEET IN ORAL & MAXILLOFACIAL SURGERY

- Speaker: Mr. Austin Smith
- Senior Consultant Maxillofacial Surgeon
- Sheffield Royal Infirmary
- Sheffield Dental School

- Topics: Management of Unknown primary lesions 45 mins
Application of Laser in Maxillofacial Surgery 45 mins
Current Scenario for training in Oral & Maxillofacial Surgery in UK 15 mins
- CDE programme on was conducted in Sivananda Sharma Auditorium ,D A P M R V Dental College by Dr.BruceDonoff,DeanHarward School Of Dental Medicine, and Dr.GirishRao on 8/02/11.
- A Review of Oral & Maxillofacial Surgery – Masterclass organized by International Association of Oral & Maxillofacial Surgeons in collaboration with DAPM RV Dental College &Dept of Maxillofacial Surgery was held in January 2013 in the auditorium of the institution.

31. Code of ethics for research followed by the department.

The Dept follows research guidelines as laid down by ICMR and RGUHS guidelines.

32. Student profile program wise

Post-graduate students list from 2003

2003 – Dr.S.Deepak/Dr.Asha

2004 – Dr.Adithya/Dr. Manjunath/Dr.Vijay Bhaskar

2005 – Dr.Dubey

2006 – Dr.Amul Gandhi/Dr / Sudhakar Reddy

2007 – Dr.Diana/Dr.Harsha

2008 – Dr.Lubna/Dr.Shoaib

2009 – Dr.Aniket / Dr.Ranganath

2010 – Dr.Trupthi / Dr.Sankarshan

2011 – Dr.Chetan / Dr.Irfanul

2012 – Dr.Samar / Dr.Sushma

2013 – Dr.Aseem / Dr. Prerana

CERTIFICATE COURSE IN IMPLANTOLOGY

- Dr. R. Vinayak
- Dr. Kishan M.K
- Dr. SharaddhaDurgal
- Dr.Prajakta V. Phadke
- Dr. BagaleHemalataShriram
- Dr. NehaBicholia
- Dr. AnishaBhol
- Dr. ShubhaBanaswadi
- Dr. Sait Sameer Amjad
- Dr. Neetika Jain
- Dr. Suhail Syed
- Dr. HanahMushtaq
- Dr. SwapnaliDilipSurana
- Dr. Anil Yeluri
- Dr. Srinivas

PhD STUDENTS

- Dr. Preethi Bhatt
- Dr. Anant Krishna

33. Diversity of Students

| Name of the Program | % of Students From Same University | % of Students From Other Universities Within The State | % of Students From Universities Outside The State | % of Students From Other Countries |
|-------------------------|------------------------------------|--|---|------------------------------------|
| B.D.S (Undergraduation) | 100 | 0 | 0 | 2.3 |
| M.D.S (Post-Graduation) | 50 | 0 | 50 | 0 |

34. How many students have cleared civil services and defense service examinations. Net, set, gate, usmle, plab, gpat, nclex, cgfns, ielts and other competitive examinations? Give details category wise.

Defense services – 1 (Dr. Aniket)
 Fellowship in U.K.– Dr. Adithya
 MFDS PART I – Dr. Sankarshan

35. Student Progression

| Student progression | Percentage against enrolled |
|-------------------------------|-----------------------------|
| UG TO PG | 15 |
| PG TO M.Phil, DM/ M Ch/ DNB | NA |
| PG TO PhD | 2 |
| PhD TO Post-Doctoral | NA |
| Employed | NA |
| Campus Selection | |
| Other than Campus Recruitment | |
| Entrepreneurs | NA |

36. Diversity of Staff

Percentage of staff who are graduates

| | |
|--|------|
| Of same university | 50 % |
| From other universities within the state | 18 % |
| From universities from other states | 32 % |
| From universities outside the country | 0 |

37. Number of faculty who were awarded M.PHIL., DM, M CH, PHD, D.SC & D.LITT during the assessment period.

Fellowship of ICOI – 2 (Dr. S.Girish Rao & Dr.S.Deepak)
 Diplomate of ICOI – 1 (Dr.S.Girish Rao)

38. Present details of departmental infrastructural facilities with regard to

- a. **Library** – No. of books –327
- b. **Internet Facilities for Staff and Students**
Compaq Presario Laptop – Model M2202TU
 - Intel Celeron processor
 - HP combo DVD Drive
 - Multimedia speakers

Desktop Computer

- TFT Monitor
 - AMD Athlon Processor
 - Multimedia Keyboard
 - HP Laser Jet Printer 1000 Series
 - Multimedia speakers
 - HP Scanner
 - Uninterrupted Power Supply (UPS)
 - BenQ LCD Projector
 - Slide Projector – available in college audio visual room
 - Television – available in college audio visual room
 - Video Recorder & Video Camera – available in college audio visual room.
- a. **Total Number Of Class Rooms** – FOUR classrooms available for the use of all departments
 - b. **Class Rooms With Ict Facility And ‘Smart’ Classrooms.** -
 - c. E-Lectures of the month are archived
 - d. **Students’ laboratories**–1
 - e. **Research laboratories**–1

39. List Of Doctoral, Post-Doctoral Students and Research Associates.

- **From The Host Institution/Universities** - Nil
- **From Other Institutions/Universities** – Nil

40. Number of post-graduates 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.

Yes. For certificate course in implant dentistry from RGUHS

For fellowship program in cleft lip & cleft palate from RGUHS and for facial esthetic surgery from RGUHS

42. Does the department obtain feedback from

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

- The HOD is consulted about the curriculum development for UG & PG and the same is forwarded to the BOS at appropriate intervals.

- Regular intra departmental faculty meetings are held where student performances are evaluated and assessed and accordingly changes are implemented.

Students on staff, curriculum and teaching-learning-evaluation and does the department utilize the feedback?

- The HOD is informed about the score of individual staff, and if it is found deficient, steps are taken to improve it.

Alumni and employers on the programs offered and does the department utilize the feedback-

- Yes, forms are circulated to the alumni and regular feedback obtained into the department

39. List the distinguished alumni of the department.

First batch of post graduate students (2003-06)

- **Dr.Deepak** – Reader in DAPMRVDentalCollege and Hospital, Bangalore

Second batch of post graduate students (2004-07)

- **Dr.Manjunath** - Reader in M.R.Ambedkar Dental College and Hospital, Bangalore
- **Dr.Aditya** –Senior House officer, UK.
- **Dr.VijayBhaskar Reddy** –Assistant consultant, ApolloHospital, Hyderabad.

Third batch of post graduate students (2004-07)

- **Dr.AnjaneyaDube** -Private Practice, Jabalpur.
- **Candidates who completed MFDS Training in the institution.**
- **Dr.Natesh**-Senior House Officer, UK
- **Dr. Narender**-Postgraduate student in the Dept of oral and maxillofacial surgery

AnnamalaiUniversity

- **Dr.Binoj**-Post-graduate student in the Dept of Periodontics.

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

Enrichment courses list

- Implantology course in association with Rajiv Gandhi University of health sciences
- Attachment to various hospitals and departments and deputation of PG students for enhancing their knowledge and skills
- Training of trainers programme was conducted in association of RGUHS in D A P M R V D C.,attended by the department faculty on 25,26,27 feb 2009.
- 8th Asian Congress On Oral And Maxillofacial Surgery held in Bangkok,Nov 4-7,2008
- 18th Brazilian Congress of Oral & Maxillofacial Surgery and Traumatology held in OuroPreto, Brazil from 24th to 28th August 2005.
- International conference of Implantology,Mumbai,2008.

- International conference of oral and maxillofacial surgery ,Bangalore .November 2007.
- International conference on bone biology,Okoyama,Japan
- National conference of oral and maxillofacial surgery,Calcutta, November 2006
- National conference of oral and maxillofacial surgery,Jaipur,, November 2005
- National conference of oral and maxillofacial surgery,Nagpur , November 2004
- National conference of oral and maxillofacial surgery,Mangalore, November 2003
- National conference of oral and maxillofacial surgery,Calcutta, November 2006
- Mid term conference of oral and maxillofacial surgery,Ahmedabad ,May 2008
- Mid term conference of oral and maxillofacial surgery,Munnar,june 2005.
- Mid term conference of oral and maxillofacial surgery, Mysore, june 2006.
- Mid term conference of oral and maxillofacial surgery, Dharwad ,june 2004.
- Symposium on Facial Trauma & its Management on 13th October 2003 at R.V. Dental College.
- Workshop & Live Surgical Demonstration on Indigenous Implant Developed by DRDO at R. V. Dental College on 17th December 2003
- Hands on course on oral implantology conducted at R. V. Dental College by Dept. of Oral and Maxillofacial Surgery on 28 December 2005 during the Karnataka State Medical and Dental Association meet.
- One Day Focused workshop on Lasers” was organized by Department of Oral and Maxillofacial Surgery at R. V. Dental College and Hospital on 17th June 2006
- “Orthognathic Surgery and Distraction Osteogenesis Course” was organized by Department of Oral and Maxillofacial Surgery, R. V. Dental College in association with Glasgow Dental School and Association of Oral and Maxillofacial surgeons of India.
- Teaching of postgraduates in the RESEARCH METHODOLOGY is done by Biostatistic faculty on every Wednesday from 2.30 pm to 3.30 pm by Prof. N S N Rao
- CDEs and Workshops conducted by the Department(as mentioned in the CDE list).

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

- Lectures with multimedia
- Seminars
- Clinical discussions
- Case discussions
- Journal clubs
- Interdisciplinary discussion

- Frequent periodic viva-voce
- Continuous assessment through regular chair side viva
- Direct observational procedural skills (DOPS)
- Case based discussion
- Mini case evaluation

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

Every 6 months an ISO internal audit is conducted

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

- Active participation in blood donation camps organized in association with the Red Cross society, coordinated by faculty in our department.
- Community education and service
- Active participation in dental treatment camps.
- Conducting screening camps in rural areas for cleft lip palate, cancer, congenital deformities etc and referral back to the college for the treatment of the same .
- Television programs to increase awareness of general public done by Dr.S.GirishRao every 6 months
- Radio talks to increase public awareness.
- Conducting surgeries free of cost or at a nominal charge to serve the needy.
- Newspaper Articles

Camps Organized By Department

- a. Cleft lip & Facial Deformity Camp at R.V.DentalCollege in association with SevakshetraHospital 5th May to 10th May 2003.
 - Total patients Screened: 292
 - Total patients Operated: 80
- b. All patients are operated free of Cost as RashtreeyaSikshanaSamithi Trust & Canara Bank sponsored the Surgeries.
- c. Oral Cancer Detection Camp at Bhadravati, Karnataka, in association with Bangalore
- d. Institute of Oncology, June 2003.
 - Total patient screened: 200
 - Detected with Oral Precancer and Cancer: 10.
- e. Cleft lip & palate Camp in association with IMA Mandya, Karnataka, 2003.
 - Screened with clefts: 30
- f. Facial deformity Cleft lip & palate to be organized on 21st&22nd February 2004 at R.V.DentalCollege.

- g. Oral Cancer Detection Camp at Madanapalli Karnataka, in association with Bangalore
- h. Institute of Oncology, July 2004
 - Total patient screened: 168
 - Detected with Oral Precancer and Cancer:19
- i. Oral Cancer Detection Camp at Somavara, Karnataka, in association with Bangalore Institute of Oncology, August2004
 - Total patient screened: 259
 - Detected with Oral Precancer and Cancer: 28
- j. Oral Cancer Detection Camp at Banawara, Karnataka, in association with Bangalore Institute of Oncology, August2004
 - Total patient screened: 195
 - Detected with Oral Precancer and Cancer:14
- k. Oral Cancer Detection Camp at Binnypeta, Karnataka in association with Bangalore Institute of Oncology, August2004
 - Total patient screened: 237
 - Detected with Oral Precancer and Cancer:28
- l. Oral Cancer Detection Camp at Arasikere, Karnataka, in association with Bangalore Institute of Oncology, september2004
 - Total patient screened: 210
 - Detected with Oral Precancer and Cancer:21
- m. Oral Cancer Detection Camp at Nelamangala,Bangalore, Karnataka, in association with Bangalore Institute of Oncology, october2004
 - Total patient screened: 169
 - Detected with Oral Precancer and Cancer:10
- n. Oral Cancer Detection Camp at Vijayanagara-Bangalore, Karnataka, in association with Bangalore Institute of Oncology, november2004
 - Total patient screened: 156
 - Detected with Oral Precancer and Cancer:15
- o. Oral Cancer Detection Camp at ,Udupi Karnataka, in association with Bangalore Institute of Oncology, November 2004
 - Total patient screened: 211
 - Detected with Oral Precancer and Cancer: 28
- p. Free Cleft lip and palate surgical camp conducted in association with the Sevakshetra Hospital on 21st to 23rd October 2005.
 - Total patients screened: 44
- q. Dental Screening camp in National high school ,Basavanagudi ,Bangalore in the month of February 2008
 - Total patients screened: 500.

- r. Dental treatment camp in association with V4 Group, on 16-1-2009 at Gayathri Prasad Bhavan, Gudibande.
- Total patients treated: 153

45. Give details of “beyond syllabus scholarly activities” of the department.

Training to Post-Graduate students by posting them to Institutions where they are exposed to Emergency Care (On-Call Basis to NIMHANS & SEVAKSHETRA Hospitals)

Publications by all post-graduate students compulsory

46. State whether the program / department is accredited / graded by other agencies? If yes, give details. -YES.

- Indian Institute of Science for Research Methodology and study of Tissue Cultures
- exposure to hospital setup and performing further and definitive management of patient at Sevakshetra Hospital

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

The department generates new knowledge through

- Research projects
- Dissertations
- Short term research projects
- Scientific publications
- Scientific presentations by faculty and students AT International & National Conferences / Seminars / Workshops

48. Detail five major strengths, weaknesses, opportunities and challenges (SWOC) of the department.

| STRENGTH | WEAKNESS | OPPORTUNITIES | CHALLENGES |
|--|--|---|--|
| Eminent and experienced surgeons in the dept | Shortage of administrative & teaching staff | To continue collaboration with both inter-departments and other institutions. | To be internationally recognized as a Research Center of excellence in the field of Oral & Maxillofacial Surgery |
| Excellent methodology in surgeries performed | Lack of In-house Inpatient facility with regards to major Operating Room | To bring in funding to the institution from various external research agencies. | To create an awareness amongst the general population and the medical fraternity the role & significance of |

| | | | |
|--|--|--|----------------------------|
| | | | maxillofacial surgery |
| Collaborations with other Institutions with intentions to excel in the field of research | | To make the unit a self-funding one and generate our own corpus fund through clinical activity. | To increase patient inflow |
| Working with both government & corporate hospitals which gives adequate exposure & confidence to the Student to excel in future | | To organize more learning and skill enhancement programs for the benefit of students and practitioners. | |
| Research collaborations with premier institutions such as Indian Institute of Sciences IISc, National Institute of Mental Health & Neuro Sciences NIMHANS, Bangalore Institute of Oncology BIO, and HCG group of hospitals | | To create areas/posts for apprentices to gain an insight with the diverse field of maxillofacial surgery & Implantology. | |

49. Future plans of the department.

- To enhance research activities- setting up of central research lab in the institution
- To make our unit a world class maxillofacial surgical unit in our own hospital. It being a tertiary center for all cases of Facial trauma, facial deformities, Head & Neck pathologies, Oral Oncology, Dental Implantology and Craniofacial Surgery.
- To establish an in-house regenerative medicine laboratory with cutting edge research work in stem cells, nanotechnology, bone and soft tissue regeneration.
- To have a bio-repository to archive all oral pathologies and head & neck pathologies.
- To increase publication & presentations (both faculty and students)
- Conducting CDE programs & conferences