

**EVALUATIVE REPORT OF THE DEPARTMENT OF  
PEDODONTICS AND PREVENTIVE DENTISTRY**

**01. Name of the Department:** Pedodontics and Preventive Dentistry

**02. Year of establishment :** 1992

**03. Is the department part of a college/ Faculty of the University?**

Yes , affiliated to Rajiv Gandhi University for Health Sciences

**04. Names of programs offered:** BDS, MDS

**05. Interdisciplinary programs and departments involved:**

We conduct case discussions and attend / conduct inter department seminars with other departments like

- Case discussion and referrals to department of orthodontics for myofunctional appliances and crossbite correction and early orthodontic intervention
- Biopsies are sent to department of oral pathology for investigation purposes.
- Case discussions and referrals like cleft lip and palate, facial and dental trauma , minor oral surgical procedures are regularly done in consultation with Department of Oral Surgery .
- Preliminary diagnosis , investigations and case work up are done with Department of Oral Medicine
- Endodontic procedures in relation to young permanent teeth and other procedures are discussed with Department of Conservative Dentistry and Endodontics
- Full Mouth Rehabilitation cases are discussed with Department of Prosthodontics, Oral and Maxillofacial Surgery, Orthodontics and Dento Facial Orthopaedics, Radiology and Imaging and Conservative Dentistry and Endodontics
- Organisation of camps is done in association with Department of Community Dentistry
- Basic science classes are taken for post graduate students by medical departments.

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

KKCTH – A Clinical Course in General Pediatrics for II year Post Graduate Students and Hospital based Pediatric care.

**07. Details of programs discontinued, if any, with reasons-** None

**08. Examination system:**

- University exams will be conducted annually for BDS students.
- University exam for MDS students is after completion of course- 3 years.

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

- No courses are offered.

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

	Sanctioned As per DCI	Filled	Actual (including CAS/MPS)
Professor	1	2	
Associate professor/ reader	2	1	
Assisstant Professor	NIL	NIL	
Senior Lecturer	1	2	

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

Name	Qualific ation	Designation	Specialization	No of years of experience
Dr. A.ANANTHARAJ	MDS	HOD and Professor	Pedodontics and Preventive Dentistry	22 years 3 months
Dr. PRAVEEN .P	MDS	Professor		14 years 1 month
Dr. PRATHIBHA. RANLS	MDS	Reader		6 years 7 months
Dr. SUDHIR. R	MDS	Lecturer		3 years 7 months
Dr. Ramya B J	MDS	Lecturer		1year 9 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**

BDS	MDS	PhD
4:1	1:1	--

**15. Number of academic support staff (technical) and administrative staff: - Nil**

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

As given below

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) total grants received project wise**

Sl no	Funding agencies	Project title	Grants recieved project wise
1	ICMR	Non syndromic oligodontia in indian population a genetic study {DR A.ANANTHARAJ}	3.14lacs

**18. Inter-institutional collaborative projects and associated grants received**

Collaboration	Grants recieved
National collabration HULL - To test the efficacy of air jet tooth brush in plaque removal and long lasting antibacterial activity. HULL - Effect Of Pepsodent Complete Germicheck Toothpaste With Tea Extract On Gingival Condition And Levels Of Steptococcus Mutants .	Rs.67,590
International collabration	NIL

**19. Department projects funded by ICMR; DST-FIST; UGC-SAP/CAS; DPE;DBT; ICSSR; AICTE; etc; total grants received- AS MENTIONED ABOVE ICMR PROJECT**

**20. Research facility/ centre with: MoU with Vittal Mallya Scientific Research Foundation**

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

ICMR , Geniohelix have sponsored equipments for research to Vittal Mallya Scientific Research Foundation which has been used by the department.

**22. Publications**

- a) Number of papers publised in peer reviewed journals( national / international)
  - o We have around 31 articles published in various journals both at national and international journals.
- b) Monographs – Dr Neena, Dr. A.Anatharaj have a book titled - Digital RVG Apex Locator With Conventional In Length Of Primary Teeth by LAMBERT publication.
- c) Chapters in books

- Dr A Ananthraj has written a chapter in TEXT BOOK OF PEDODONTICS BY DAMLE – Management of children with special health care needs.
- d) Books edited – Dr.A.Anantharaj and Dr. P. Praveen have a edited chapter - Child Psychology for Wolter’s Kluwer Health Publisher.
- e) Books with ISBN with details of publishers
  - Digital RVG Apex Locator With Conventional In Length Of Primary Teeth by LAMBERT publication.  
ISBN number – 978-3-8484-4827-2
  - BOOK ON PEDIATRIC CARIOLOGY IN ON PRPOSAL BASE
- f) Number listed in international database ( for web of science , scopus, humanities international complete, dare database – international social sciences directory , EBSCO host , Medline etc.) - nil
- g) Citation index – Range - 0.924 to 1.27  
Average – 1.1346
- h) Impact factor- Range – 1 - 7  
Average – 4.

**23. Details of patents and income generated: Nil**

**24. Areas of consultancy and income generated:**

Department has generated an income of Rs 11 lacs from TVS company for school oral health programme conducted in Hosur government schools.

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

**26. Faculty serving in National committee, International committee, Editorial Board:**

Faculty serving in

- a. National committees - nil
- b. International committees - nil
- c. Editorial board
  - World journal of dentistry – DR A Anantharaj , DR Praveen P
  - IJDR - DR A Anantharaj
  - SRM - DR A Anantharaj
- d. Any other
  - DR. A.Anantharaj and Dr. Praveen are serving as DCI inspector, LIC inspector.
  - Dr . P. Praveen is a reviewer in NTR university of health sciences journal .
  - Dr . P.Praveen is a reviewer in JCPD – Journal Of Clinical Pediatric Dentistry.
  - DR. A.Anantharaj , Dr . P. Praveen , Dr.Prathibha Rani S are in review panel in RGUHS , Bangalore.
  - BOS member in RGUHS - DR A Anantharaj
  - Evaluation and review of PhD thesis for Prist university by DR A ANANTHARAJ

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

- Faculty Of The Department Attend CDE Programs Related To The Subject And Also National Conference, Conventions Every Year.
- 10/9/2009 :Hero Endo Club (R V Dental College)
- 8/1/2010: Dental Material Sciences – The Present And The Future Held(Nimhans Convention Centre, Bangalore)
- 4/6/2010 : Dental Competence By Invoclar Vivadent (R V Dental College)
- 30/10/2010: CDE Program Of Oral Medicine And Radiology( R V Dental College)
- 16/7/2011-17/7/2011: Technology, Techniques & Trends Today In Pediatric Dentistry(Rajah Muthiah Dental College & Hospital)
- 27/07/2011: (The Oxford Dental College & Hospital)
- 29/07/2011: CDE Program By Micron Mediscience Pvt Ltd( R V Dental College)
- 19/08/2011: CME Programme By Faimer( R V Dental College )
- 29/08/2011: Dental Hypersensitivity Proargin Technology( R V Dental College )
- 5/09/2011: Early Caries Management ( V S Dental College )
- 06/09/2011:CDE Program By Icon ( R V Dental College)
- 19/09/2011: CDE Program On Comprehensive Dentistry( R V Dnetal College )
- 29/9/2011: Bind,Bond,Build, Bringing Little Smiles Back( Rajarajeshwari Dental College)
- 18/11/2011: Infection Control - By IAGD( R V Dental College)
- 24/11/2011: Post And Core And Temporization(R V Dental College)
- 1/12/2011: Performa Pg Orientation Organized By NTR University And Dci(Vijayawada)
- 6/1/2012: Current Concepts In Pediatric Dentistry(The Oxford Dental College & Hospital)
- 20/1/2012: Cytokines And Other Markers Of Inflammation(R.V Dental College)
- 3-4/2/2012: Principles Of Oral Rehabilitation(R.V Dental College)
- 29-31/3/2012: Hands On Concious Sedation(Sri Sai College Of Dental Surgery Vikarabad)
- 15/5/2012: Dental Ceramics And CAD/CAM Revolution(R.V Dental College)
- 20/6/2012: Crowns- The Jewels Of Pediatric Dentistry(The Oxford Dental College & Hospital)
- 26/6/2012: The Christensen Bottom Line – 2012(Nimhans Convention Centre)
- 6/11/2012: PCR And Its Applications (Aristogene Biosciences, Rajajinagar Industrial Area, Bangalore)
- 10/11/2012: Talk On Future Dental Professional Module Iii- By Colgate

- 2/4/2013: Integrating The Fundamental Concepts For Esthetics & Restorative Dentistry By Dr. Douglas. A. Terry(M. S. Ramaiah Dental College, Bangalore)
- 2/5/2013: M. S. Ramaiah Dental College, Bangalore Novamin Technology(R.V Dental College)
- 3/8/2013: Symposium On Traumatic Dental Injuries(M. S. Ramaiah Dental College, Bangalore)
- 11/11/2013: Advanced Head And Neck Imaging(R.V Dental College)
- 0.7/12/2013: Topic On Medical Emergencies In Dental Practice And Occlusion (R.V Dental College)
- 6-7/3/14: Bridge The Divide(Bids Bangalore)
- Our Faculty Dr . P. Praveen And Dr.Prathibha Rani S Have Undergone FAIMER Training Program And Also Tot Program.
- Dr. Anantharaj .A Presented Robotics In Dentistry In 33<sup>rd</sup> ISPPD Conference Mangalore.
- Dr. Praveen P Presented A Lecture On Between Meal Eating Episodes Review Of Indian Scenario And Pedodontic Consideration At 33<sup>rd</sup> ISPPD Conference Mangalore And Won The Best Paper Award For The Same. He Also Presented Pain And Gain Grappling With Pediatric Endodontics At Coorg Dental College Virajpet
- Dr.Prathibha Rani S Presented On Early Orthodontics In Pediatric Patients-A Review At 33<sup>rd</sup> ISPPD Conference Mangalore
- Dr .Sudhir.R Presented On Assessment Of The Effect Of Probiotic Curd Consumption On Salivary Ph And *Streptococcus Mutans* Counts In Pedoscope 35<sup>th</sup> Annual ISPPD Conference.
- Dr.Ramya .Bj Presented On Effectiveness And Acceptance Of Hall Technique And Conventional Restorative Technique In Carious Primary Molars In Indian Population - A Comparative Study At 32<sup>nd</sup> ISPPD Conference,Amritsar.
- Workshop On Pcr And Its Applications Has Been Attended By Dr. Prathibha Rani S And Dr.Ramya Bj.
- Dci Workshop At Ntr University At Vijayawada Attended By Dr A Anantharaj.
- Dr Sudhir Has Undergone Training On Conscious Sedation At Vikarabad.
- Dr. Anantharaj .A, Dr.Prathibha Rani S And Dr Sudhir Have Taken Hands On Course On Conscious Sedation Programme Held In Ramaiah Institute Of Dental Sciences.

## **28. Student projects**

### **Percentage of students who have taken up in-house projects including inter-departmental projects-**

100% -All PG students take up in house projects every year as short term study or as dissertation.

Some of our UG students and interns take up interdepartment projects as a part of their curriculum

**Percentage of students doing projects in collaboration with other universities / industry/ insitute**

Almost 30 % of our PG students have done projects in collabration with Vittal Mallya Institute of laboratories.

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

**Faculty:**

DR PRAVEEN P – Best Paper Award in 33<sup>th</sup> National conference in Mangalore in 2011

**Doctoral / post doctoral fellows – NIL**

**Students**

- Dr. Rohit Gaikwad, a final year student in the department was felicitated by Indian Society of Pedodontics and Preventive Dentistry at its Silver Jubilee conference held at Mumbai in November 2003 for securing second rank in the subject at University level.
- Six students out of ten got ranks at university level in the year 2004.
- Druthil secured first rank in the subject at Under-graduate level.
- Shalini S secured 8<sup>th</sup> rank in 2009.
- Akanksha Bali secured 9<sup>th</sup> rank in 2010.

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

Organised national ISPPD conference in the year 2007

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

All our research, thesis and short studies are presented to the college ethical committee (IRB), RGUHS and consent will be taken before starting the same

**32. Student profile program-wise:**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Bachelor of Dental Surgery - RGUHS	NA	10	39	60%	86%
Master of Pedodontics RGUHS	(2009)	1	1	100%	100%
	(2010)	1	1	100%	100%
	(2011)	1	1	100%	100%
	(2012)	0	2	----	100%
	(2013)	1	1	100%	100%

**33. Diversity of Students**

Name of the program	% of students from the same university	% of students from other universities within the same state	% of students from other universities outside the state	% of students from other countries
BDS		145/347=42%	172/347=50%	30/347=8%
I MDS	67%	33%	-	-
II MDS	67%	-	33%	
III MDS	33%	33%	34%	-

**34. How many student have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. –**

Exam	STUDENT PASSED
DEFENCE SERVICE	DR.DEMPSY CHENGAPPA - DENTAL OFFICER ( PEDODONTICS) ARMY DENTAL CENTRE R & R Hospital NEW DELHI
DEFENCE SERVICE	DR MURALI KRISHNAN – has been selected for training
IELTS	DR MILONI – has cleared part I in 2013

**35. Student Progression**

Student progression	Percentage against enrolled
UG to PG	50%
PG to M.Phil, DM/McH/DNB	NIL
P G to Ph.D.	100% (1/1 APPEARED)
Ph.D to Post – Doctoral	NIL
Employed Campus selection Other than campus recruitment	Not applicable 12 passed out post graduate students from the department are working in various academic institutions.
Entrepreneurs	5

**36. Diversity of staff**

Percentage of faculty who are graduates	UG	PG
Of same university	20% (1/5)	60%(3/5)
From other university within the state	60%(3/5)	20%(1/5)
From universities of other states	20%(1/5)	20%(1/5)
From universities outside the country	NIL	NIL



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

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

- **Library**

Department has library with more than 150 printed books for both reference and issue to students and staff.

- **Internet facilities for staff and students**

Department has 1 laptop, 1 desktop, 1 printer, 1 scanner. Both the laptop and desktop has updated software for use of digital X ray (RVG). Apart from this college also provides WIFI facility for internet access to both students and staff. This helps in better teaching and learning skills for students.

- **Total number of class rooms**

There are 4 lecture halls in the campus with LCD projectors, internet facility and audio visual facilities

- **Class rooms with ICT facility and smart classrooms**

Department has a seminar room with LCD projector, internet facility for conducting seminars for PG 's as per schedule.

- **Student laboratories**

There is a separate wet and dry lab in the department for students.

- **Research laboratories**

Department conducts research based studies with Vittal Mallya Scientific Research Foundation.

**39. List of doctoral, post doctoral students and research associates**

- a. **From the host institution / university, -Nil**
- b. **From other institutions / universities- Nil**

**40. Number of post graduate students getting financial assistance from University - Nil**

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

Syllabus orientation program is conducted by RGUHS as per DCI

**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?**

- a. **Faculty on curriculum as well as teaching – learning evaluation? if yes, how does the department utilize the feedback? –**

Yes it is done and appropriate didactic and clinical sessions are planned on quarterly basis.

- b. **Students on staff, curriculum and teaching – learning – evaluation and how does the department utilise the feedback?**

YES, faculty evaluation is done by students and inputs are given to staff so as to do necessary changes in teaching pattern if required

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

Alumini of our college are asked for suggestions regarding functioning of the department and they are also invited for CDE programs and interactive sessions.

Feedback is taken from them orally and appropriate restructuring of the department is done.

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

- Dr Raviraj – Reader , Marata Mandal dental college , Belgaum and Senate Member In Rguhs.
- Dr Dempsy – Head Of The Department (Pedodontics) Army Dental Centre R & R Hospital New Delhi.
- Dr Mitesh – Reader, Pravara Institute Of Medical Sciences, Loni.(Has Been Selected For Phd And Is Doing The Same)
- Dr. Prem Kishor- Reader , New Horizon Dental College, Bilaspur,Chattisgarh.
- Dr.Umpathy- Reader Rajarajeshwari Dental College And Hospital.
- Dr.Neeraja-Reader, Ambedkar Dental College And Hospital.
- Dr.Sudha Patil-Reader,Mahatma Gandhi Dental College, Dhule, Maharashtra.
- Dr. Sudhir-Senior Lecturer, R V Dental College And Hospital.
- Dr. Neena-Senior Lecturer, College Of Dental Sciences , Davengere.
- Dr. Jaya-Senior Lecturer, Rajarajeshwari Dental College And Hospital.
- Dr. Murali-Senior Lecturer, Indira Gandhi Dental College, Cochin
- Dr.Ramya-Senior Lecturer, R V Dental College And Hospital.
- Dr. Nidhi- Consultant Pedodontist.
- Dr.Miloni-Consultant Pedodontist.
- Dr.Panilatha-Consultant Pedodontist.
- Dr.Krishnapriya-Consultant Pedodontist.

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

All our PG students have undergone a special coaching in KKCTH regarding general pediatric care in chennai

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

- As per RGUHS regulations teaching methods have been adopted
- All theory classes are taken with power point and are projected with the use of LCD projectors.
- Microteaching is regularly done in clinical posting which also helps in concentrating in individual student and identifying their strengths and weakness and to correct them.
- Demonstration of all clinical topics are done for each batch of 5 – 7 students during their clinical posting
- White board and Black board with colour chalks are also used to explain in theory classes.

- Teaching method are followed according to the circicullum by the RGUHS and is focused on the university cirriculum.
- Smart classes and ICT boards are incorporated in lecture halls.

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

Regular evaluation has been done and feedback is taken and improvements are done accordingly

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

- Free School oral health programs are conducted in government schools every year both in station and out station.
- Every year 10,000 children are screened and treated by pg students, interns and staff in camp site.
- Oral hygiene programs are also conducted with “ youth for seva “ for general public and children.
- Department has been conducting programmes with many organisation and institutions like FAME , parikrama , Ramanamaharshri for blind , Avvai Ashram for blind.

**48. Give details of “beyond syllabus scholarly activities” of the department. - Nil**

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

- RGUHS and DCI
- CAMHADD By WHO

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

- We have published nearly 32 articles both in national and international journals.
- We have conducted many research projects with HUL and ICMR
- Research / Thesis work of Pg students are relating to newer advances – PROBIOTICS , LSTR ( LESION STERILIZATION TISSUE REPAIR) , HALL TECHNIQUE , (PAPACARIE) CHEMO MECHANICAL CARIES REMOVAL , DERMATOGRAPHY LICS , REMINERALIZATION TECHNIQUES FOR INTIAL, DEEP CARIES MANAGEMENT , PULSE OXYMETER for diagnosing pulp vitality.

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

**STRENGTHS OF THE DEPARTMENT**

- **SCHOOL ORAL HEALTH PROGRAMS** - The regular camps conducted both in and around Bangalore, as well as outstation camps and we cover around **10,000 CHILDREN EVERY YEAR.** This exposes and trains students to community based dental services as well as providing oral health care to underprivileged children.
- **KKCTH** - Our postgraduate students are permitted from college for observership in child speciality hospital – Kanchi Kamakoti child Trust Hospital in chennai for one month which exposes them to general peditaric problems and also to handle the same. This includes Genetics , Cardiology , ENT , Speech therapy, Occupational therapy. The attachment of the college/department to a general hospital also facilitates provision of Hospital based dental treatment including treatment under General Anesthesia for children. This also trains our students in Hospital based dental treatment.

**WEAKNESSES OF THE DEPARTMENT**

- Need for completion of -- in campus general hospital facility
- Lack of Department nursing and administrative staff.

**OPPORTUNITIES OF THE DEPARTMENT**

- School oral health programs.
- Infrastructure of the college for seminars, CDE programs, workshops.

**CHALLENGES OF THE DEPARTMENT**

- Periodic Upgradation of equipments in line with advances in technology
- Integration of newer technology and techniques in undergraduate and postgraduate training

**52.Future plans of the department.**

- To add diploma programs and to add PhD programs.