

# **SELF STUDY REPORT**

Submitted to  
**National Assessment and Accreditation Council**  
Bangalore

By  
**Chettinad Dental College & Research Institute**  
Padur, Rajiv Gandhi salai, IT highway,  
Kelambakkam, Kancheepuram district

September-2014

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## **PREFACE**

Chettinad Dental College and research institute being a global center of excellence in learning, teaching, research, health care and service to the community has been established in the year 2007 by the visionary organization, Raja Sir Muthiah Chettiar charitable trust. Our institute is an undergraduate college with 100 BDS seats, affiliated to Tamil Nadu Dr.MGR medical university, Chennai and recognized by the Dental council of India.

Dr.Raja Sir Muthiah Chettiar was an idealistic visionary and born entrepreneur who has diversified his business into various fields like cements, health care, power, logistics, construction and education. The vision of the group continues to strive, serve and save. Chettinad Dental College and Research Institute strives towards serving all its stake holders and carries traditional values of care, respect and service to the society.

Our mission is to become the most preferred institution of choice for students, faculty and the general public. Our vision is to achieve global leadership of excellence in dental education and research by prioritizing our values as follows, namely integrity, transparency, quality, team work, and execution with passion and human touch and working towards national development.

The staff and the students of this college achieve the ambitious goal of leadership position in the field of dental education and research, which will be further strengthened by the NAAC Accreditation for which, we are sure of toiling hard.

## **EXECUTIVE SUMMARY OF CHETTINAD DENTAL COLLEGE AND RESEARCH INSTITUTE**

Chettinad Dental College and Research Institute is a part of Raja Sir Muthiah Chettiar Charitable and Educational Trust with a motto to strive, serve and save. The institution is a component of Chettinad Health City campus, which is focused towards being a global center of excellence in teaching, learning and rendering high standards of service to the community and is located in a pollution free green campus located in the IT highway with state of the art infrastructure and wi-fi enabled campus.

### **CRITERION 1: CURRICULUM AND DESIGN**

Chettinad Dental College and Research Institute, conduct undergraduate Dental courses which are affiliated to Tamil Nadu Dr.M.G.R. Medical University and recognized by the Dental Council of India. The undergraduate training program is a five year course inclusive of internship based on the curriculum framed by Tamil Nadu Dr.M.G.R.Medical University. The first two years of learning comprises of all the basic science and few basic dental subjects followed by Dental subjects in the third and the final year. The art of handling the patients is dealt from third year onwards followed by a compulsory rotatory internship in all departments.

### **CRITERION 2: TEACHING LEARNING AND EVALUATION**

Chettinad Dental College and Research Institute focuses towards being a center of global excellence in teaching, learning and evaluation. The highlight of our teaching methodology is the learning management system where the topics for the classes are uploaded before the classes enabling the students to access the study material anytime and anywhere. The academic communications are also done through this system. We take pride in announcing the formative and summative method of teaching and evaluation. The center of attention on the teaching methodology of the Chettinad Dental College and Research Institute is the mentorship program.



### **CRITERION 3: RESEARCH**

The internal review board meets periodically (once in 3 months) to scrutinize and approve proposals, identify eligible guide and monitor the research projects that are being carried out by the various departments. The following major decisions were taken in the last year by IQAC:

- To identify the faculties who are eligible to guide
- To increase the number of student ICMR projects
- To motivate the faculties into research
- To conduct a workshop for the faculty on research methodology
- To identify the thrust area based on the available clinical material

All research works are done under the concurrences of the Ethical committee of the Chettinad Academy of Research and Education for which Chettinad Dental College has MOU.

The institution provides financial assistance, infrastructure and encourages students and faculty to take up independent research projects and research, publications based promotions and increments. The institution conducted the annual conference of Indian Society of Dental Research which is an associate of International Association of Dental Research.

### **CRITERION 4: INFRASTRUCTURE AND LEARNING RESOURCES**

The outstanding infrastructure is complemented by technologically advanced lecture theatre complex with digitalized classrooms and wi-fi enabled campus that meets the international standards. A homely hostel with single, double and triple sharing rooms with air conditioned facility is available with a hygienic kitchen and dining hall. The college provides accommodation for staff as villas and apartments, with 24 hour power back up. Guest House for Examiners with high end facility is provided. Chettinad Dental College and Research Institute monitors the health of the students by having an in-house Medicare facility. Multicuisine Restaurant has been set up to cater demanding needs of the students. The College has an award winning high-tech auditorium with 1200 seating capacity with a technologically advanced sound system. To augment all round development of the students there is an indoor and outdoor sports facility with a dedicated physical director. The facility includes a gymnasium and swimming pool.

#### **CRITERION 5: STUDENT SUPPORT AND PROGRESSION**

The management encourages and supports all round growth of the students. It organizes regular personality development programs, cultural programs, both at the intra and intercollegiate level. Doyens in the field of medicine, administration, academicians regularly address and interact with our students. Digitalized methodology of teaching is followed by having a smart class with laptops. These have been effectively utilized by the students in their learning process as also for online evaluation and feedback. Comfortable hostel accommodation, well equipped gym, sports facility, internet facility, food court, etc., help in making the stay within the campus a home away from home for the students. The various committees established by the institute ensure a student friendly and a problem free environment. Faculty and administration are easily approachable and lend ears to students' problems and take early remedial action.

The practice of mentorship with around 2 mentors per batch for overall monitoring in the college and 20-25 students per faculty in each department has improved the faculty student relationship. Active mentorship helps the student overcome his/her personal and professional issues.

#### **CRITERION 6: GOVERNANCE AND LEADERSHIP**

The principal along with the various committees are responsible for governance of the Chettinad Dental College and Research Institute. All the committees have well defined roles and sufficient autonomy to implement the policies and procedures adopted. Active participation of the faculty makes them more proactive and a part of the decision making process. Regular feedback obtained from various sources help the institution to take appropriate corrective and preventive actions in improving the standards of education and patient care.

The management is committed to serve the rural population in and around the college through the rural and urban health centers and regular outreach programs. Sound financial resource, backup, efficient planning, committed faculty and good patient flow help in building a world class education cum health complex.

#### **CRITERION 7: INNOVATIVE PRACTICES**

Chettinad Dental College and Research institute excels in outreach programs. These programs are conducted as awareness, screening and treatment camps. The Screening programs are conducted on an everyday basis to all sectors of the population. So far the institute has conducted 897 Dental Health Camps covering a population of about 70,000 which predominantly covers the underprivileged and

the rural areas of the state. Chettinad Dental College and Research Institute are the forerunners in introducing innovative practices in teaching and learning methodology. Its learning management system which is on par with the global standards of education is an effective tool in students' learning. We monitor student's attendance using biometric system. The learning management system bridges the communication gap between students, faculty and parents. Webinars are conducted frequently by which the students are exposed to the lectures of eminent scholars throughout the country.

## **Part – I – PROFILE OF THE INSTITUTION**

**Chettinad Dental College & Research Institute**

Padur, Rajiv Gandhi salai, IT highway,  
Kelambakkam, Kancheepuram district

## Section B

### PREPARATION OF SELF-STUDY REPORT

- **Profile of the Institution**

(To provide information whichever is relevant to the HSI)

#### 1. Name and Address of the Institution:

Name:	<b>Chettinad Dental College and Research Institute</b>		
Address:	<b>Padur,</b>		
City:	Pin: <b>603 103</b>	State: <b>TamilNadu</b>	
Website : <a href="http://www.chettinadhealthcity.com">www.chettinadhealthcity.com</a>			

#### 2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal / Dean / Director	Dr.P.Rajesh	044 - 47413350	90947 09000	044-4741 3343	<a href="mailto:dentalprincipal@chettinadhealthcity.com">dentalprincipal@chettinadhealthcity.com</a>
Vice Principal	NA	NA	NA	NA	NA

Steering Committee / IQAC Co-ordinator	Dr.R.Saithish Muthukumar	NA	98402 76136	044-47411 000, extn. 8340	<a href="mailto:chettinadnaac@gmail.com">chettinadnaac@gmail.com</a>
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### 3. Status of the Institution : Affiliated College

Autonomous College

Constituent College

**Affiliated College**

State University

State Private University

Central University

University under Section 3 of UGC (A Deemed to be University)

Institution of National Importance

Any other (specify)

### 4. Type of University:

Unitary

**Affiliating**

<input type="checkbox"/>
<input checked="" type="checkbox"/>

### 5. Type of College:

Ayurveda

**Dentistry**

<input type="checkbox"/>
<input checked="" type="checkbox"/>

Homoeopathy	
Medicine	
Nursing	
Pharmacy	
Physiotherapy	
Siddha	
Unani	
Yoga and Naturopathy	
Others (specify and provide details)	

**6. Source of funding:**

Central Government	
State Government	
Grant-in-aid	

**Self-financing**

Trust	<input checked="" type="checkbox"/>
Corporate	
Any other (specify)	

**7. a. Date of establishment of the institution: 13.07.2007** (Annexure – I; page:443)

**b. In the case of university, prior to the establishment of the university, was it a/an**

☐ ☐

- |                         |                              |                             |
|-------------------------|------------------------------|-----------------------------|
| i. Autonomous College   | Yes                          | No                          |
| ii. Constituent College | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| iii. Affiliated College | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| iv. PG Centre           | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| v. De novo institution  | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| vi. Any other (specify) | NA                           |                             |

**c. In the case of college, university to which it is affiliated**

**The Tamil Nadu Dr.M.G.R. Medical University, Guindy, Chennai – 600 032**

(Annexure – III; page:448)

**8. State the vision and the mission of the institution.**

**VISION:**

A global centre for excellence in learning, teaching, research, health care and service to the community.

**MISSION:**

- Create a nurturing and supportive environment to ensure students a fulfilling, demanding and intellectually stimulating experience.
- Enable students to imbibe values, cultivate a desire for lifelong learning and maximize their potential.
- Prepare students for employment in the global arena.
- To establish a team of well-qualified faculty that will enable the institution to grow holistically.



- Provide the best state of the art infrastructure.
- Offer quality health services to all strata of society.
- To facilitate independent innovative research and share knowledge and understanding with the society.
- To contribute to the social, economical and national development

**9. a. Details of UGC recognition / subsequent recognition (if applicable):**

Under Section	Date, Month and Year (dd/mm/yyyy)	Remarks (If any)
i. 2(f)*	NA	NA
ii. 12B*	NA	NA
iii. 3*	NA	NA

\* Enclose the certificate of recognition, if applicable

**b. Details of recognition/approval by statutory/regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE, etc.)**

Under Section/clause	Day, Month and Year	Validity	Program/institution	Remarks
i.	20.10.2011	Until next inspection	BDS	-
ii.				

(Enclose the Certificate of recognition/approval) (Annexure – II; page:447)

**10. Has the institution been recognized for its outstanding performance by any national / international agency such as DSIR, DBT, ICMR, UGC-**

**SAP, AYUSH, WHO, UNESCO, etc.?**

Yes ☐ No ☒

If yes, name of the agency .....

date of recognition: ..... (dd/mm/yyyy)

nature of recognition .....

**11. Does the institution have off-campus centers?**

Yes ☐ No ☒

If yes, date of establishment: (dd/mm/yyyy)

date of recognition by relevant statutory body/ies: .....  
(dd/mm/yyyy)

**12. Does the institution have off-shore campuses?**

Yes ☐ No ☒

If yes, date of establishment: ..... (dd/mm/yyyy)

date of recognition by relevant statutory body/ies: .....  
(dd/mm/yyyy)

**13. Location of the campus and area:**

	Location *	Campus area in acres	Built up area in sq. mts.
<b>i. Main campus area</b>	<b>Semi Urban</b>	<b>9.4</b>	<b>18,866</b>
ii. Other campuses in the country	-	-	-
iii. Campuses abroad	-	-	-

(\* Urban, Semi-Urban, Rural, Tribal, Hilly Area, any other (specify)

If the institution has more than one campus, it may submit a consolidated

self-study report reflecting the activities of all the campuses.

**14. Number of affiliated / constituent institutions in the university:** Not Applicable

Types of institutions	Total	Permanent	Tempora ry
Ayurveda			
Dentistry			
Homoeopathy			
Medicine			
Nursing			
Pharmacy			
Physiotherapy			
Siddha			
Unani			
Yoga and Naturopathy			
Others (specify and provide details)			

**15. Does the University Act provide for conferment of autonomy to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University.**

Yes ☐ No ☒ Number ☐

**16. Furnish the following information:**

Particulars	Number
a. Accredited colleges by any professional body/ies	0
b. Accredited course / department by any professional body/ies	0
c. Affiliated colleges	0
d. Autonomous colleges	0
e. Colleges with Postgraduate Departments	0
f. Colleges with Research Departments	0
g. Constituent colleges	0
h. University Departments  <b>Undergraduate</b>  Post graduate  Research centres on the campus and on other campuses	<b>9</b>
i. University recognized Research Institutes/Centres	0

**17. Does the institution conform to the specification of Degrees as enlisted by the UGC?**

Yes ☐ No ☒

If the institution uses any other nomenclatures, specify.

**The Institution conforms to the specification as prescribed by the Dental Council of India and the Tamilnadu Dr.M.G.R. Medical University, Guindy, Chennai.**

**18. Academic programs offered and student enrolment: (Enclose the list of academic programs offered and approval / recognition details issued by the statutory body governing the program)**

<b>Programs</b>	<b>Number of Programs</b>	<b>Number of students enrolled</b>
<b>UG</b>	<b>1</b>	<b>100 per year (4+1 year course)</b>
PG	NA	NA
DNB	NA	NA
Integrated Masters	NA	NA
Integrated Ph.D.	NA	NA
PharmD.	NA	NA
M.Phil.	NA	NA
Ph.D.	NA	NA
Certificate	NA	NA
Diploma	NA	NA
PG Diploma	NA	NA
D.M. / M.Ch.	NA	NA
Sub / Super specialty Fellowship	NA	NA
Any other (specify)	NA	NA
<b>Total</b>	<b>1</b>	<b>100</b>

**19. Provide information on the following general facilities (campus-wise):**

- Auditorium/seminar complex with infrastructural facilities      Yes ☒ No ☐
- Sports facilities
  - Outdoor      Yes ☒ No ☐
  - Indoor      Yes ☒ No ☐
- Residential facilities for faculty and non-teaching staff      Yes ☒ No ☐
- Cafeteria      Yes ☒ No ☐
- Health centre
  - First aid facility      Yes ☒ No ☐
  - Outpatient facility      Yes ☒ No ☐
  - Inpatient facility      Yes ☒ No ☐
  - Ambulance facility      Yes ☒ No ☐
  - Emergency care facility      Yes ☒ No ☐
  - Health centre staff
    - Qualified Doctor      Full time ☒ Part-time ☐      Yes ☒ No ☐
    - Qualified Nurse      Full time ☒ Part-time ☐      Yes ☒ No ☐
- Facilities like banking, post office, book shops, etc.      Yes ☒ No ☐
- Transport facilities to cater to the needs of the students and staff      Yes ☒ No ☐
- Facilities for persons with disabilities      Yes ☒ No ☐
- Animal house      Yes ☒ No ☐
- Incinerator for laboratories      Yes ☒ No ☐
- Power house      Yes ☒ No ☐

- Fire safety measures Yes ☒ No ☐
- Waste management facility, particularly bio-hazardous waste Yes ☒ No ☐
- Potable water and water treatment Yes ☒ No ☐
- **Any other facility** (specify)
  - Eco – friendly green campus
  - Air conditioned lecture halls with multimedia facility
  - Examination Hall
  - Auditorium with 375 seat capacity
  - Sigapi Achi Convention centre with 1200 seat capacity
  - Basement car parking with ample outdoor parking facility
  - A/C plant
  - Security systems
  - Laundry
  - In campus transport – Battery operator mini car
    - Bi-Cycle
    - Battery operator scooters
    - Patient transport van

**20. Working days / teaching days during the past four academic years**

	<b>Working days</b>				<b>Teaching days</b>			
Academic year	2009-10	2010-11	2011-12	2012-13	2009-10	2010-11	2011-12	2012-13
Number stipulated by the Regulatory Authority (DCI) including	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>
Number by the Institution	304	304	304	304	274	274	274	274

(‘Teaching days’ mean days on which classes/clinics were held. Examination days are not to be included.)

**21. Has the institution been reviewed or audited by any regulatory authority? If so, furnish copy of the report and action taken there upon (last four years).**

Yes. Reviewed by Dental Council of India and the Tamilnadu Dr.M.G.R.Medical University 2009-10, 2010- 11, 2011-12, 2012-13 (*Annexure – III; page:448*)



## 22. Number of positions in the institution

Positions	Teaching faculty						Non-teaching staff	Technical staff
	Professor	Associate Professor/Reader	Assistant Professor	Lecturer	Tutor/Clinical Instructor	Senior Resident		
Sanctioned by the Government	NA	NA	NA	NA	NA	NA	NA	NA
Recruited								
Yet to recruit								
Sanctioned by the Management/Society or other authorized bodies	NA	NA	NA	NA	NA	NA	NA	NA
Recruited								
Yet to recruit								
Stipulated by the regulatory authority	6† +0**	13 † +9**	NA† +0**	10†* +22**	30†* +0*	NA	144	26
Cadre ratio	9 †	16 †						
Recruited	0	0		17 † *	18 † *		88	20
Yet to recruit				0	0		0	0
Number of persons working on contract basis /MOU with CARE	4**	5**	20**	2**	NA	NA	NA	NA

†Dental Teaching staff

\* Lecturers/Tutors =40 (Ratio of Lecturers MDS 25% + Tutors BDS 75%)

\*\* Medical Teaching staff

### 23. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor		Lecturer		Tutor /Clinical		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
<b>Permanent teachers</b>												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	8	1	12	4	N A	N A	6	1 1	-	-	N A	N A
AB/FRCS/FRCP/MRCP/MRCS/FDSRCS	- 1	-	- 2	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	6	1 2	-	-
<b>Temporary teachers</b>												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-

Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor		Lecturer		Tutor /Clinical		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
MHA)												
AB/FRCS/FRCP/MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-
<b>Contractual teachers</b>												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	1	2	3	1	10	2		1	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	1	-	7	2	1	2	-	-	-	-
AB/FRCS/FRCP/MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-
<b>Part-time teachers</b>												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-

Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor		Lecturer		Tutor /Clinical		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
Ph.D./D.Sc./D.Litt/M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-

#### 24. Emeritus, Adjunct and Visiting Professors.

	Emeritus		Adjunct		Visiting	
	M	F	M	F	M	F
Number	-	-	-	-	-	-

#### 25. Distinguished Chairs instituted:

Department	Chairs
NA	NA

**26. Hostel - \*\* The hostel has a total intake capacity of 519 students in 4 blocks designated as square 1,2,3,4 (boys hostel) and 1024 students in 3 blocks designated as circle 1, 2, 3 (girls hostel) these hostel accommodate the students at various level and category.**

**1. Boys' hostel \*\***

- Number of hostels – **4 blocks**
- Number of inmates – **53**
- Facilities

**Separate block for fresher A/c, Non A/c, Single/twin/triple sharing, Internet connection, Study room Gym, Dining hall, Swimming pool, Indoor and Outdoor games facility, television room and movie theatre, salon and spa.**

**2. Girls' hostel \*\***

- Number of hostels – **3 blocks**
- Number of inmates -**148**
- Facilities

**Separate block for fresher A/c, Non A/c, Single/twin/triple sharing, Internet connection, Study room, Gym, Dining hall, Indoor and Outdoor games facility, television room and movie theatre, salon and spa.**

**3. Overseas students hostel \*\***

- Number of hostels -**Available**
- Number of inmates - **1**
- Facilities

**A/c, Non A/c, Single/twin/triple sharing, Internet connection, Study room, Gym, Dining hall, Indoor and Outdoor games facility, television room and movie theatre, salon and spa.**

**4. Hostel for interns \*\***

- Number of hostels-**Available**
- Number of inmates – **boys – 6, girls - 22**
- Facilities

**A/c, Non A/c, Single/twin/triple sharing, Internet connection, Study room, Gym, Dining hall, Indoor and Outdoor games facility, television room and movie theatre, salon and spa**

### 5. PG Hostel\*\*

- Number of hostels – **Available**
- Number of inmates – **Not applicable**
- Facilities

**A/c, Non A/c, Single/twin/triple sharing, Internet connection, Study room, Gym, Dining hall, Indoor and Outdoor games facility, television room and movie theatre, salon and spa.**

### 27. Students enrolled in the institution during the current academic year, with the following details: 2013-14

Students	UG	PG			Integrate d Masters	M.Phi l	Ph.D .	Integrate d Ph.D.
		PG	D M	MC H				
	<b>M* F**</b>	<b>*M *F</b>	<b>*M *F</b>	<b>*M *F</b>	<b>*M   *F</b>	<b>*M *F</b>	<b>*M *F</b>	<b>*M   *F</b>
From the state where the institution is located	<b>27* 71* *</b>	N A	NA	NA	NA	NA	NA	NA
From other states	<b>1* 1**</b>	N A	NA	NA	NA	NA	NA	NA
NRI students	<b>Nil</b>	N A	NA	NA	NA	NA	NA	NA
Foreign students	<b>Nil</b>	N A	NA	NA	NA	NA	NA	NA
Total	<b>28</b>	N	NA	NA	NA	NA	NA	NA

Students	UG	PG			Integrate d Masters	M.Phi l	Ph.D .	Integrate d Ph.D.
		PG	D M	MC H				
	M* F**	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
	* 72* *	A						

M\*- Male, F\*\*-Female

**28. Health Professional Education Unit / Cell / Department :**

**Dental Education unit - Year of establishment - 2012**

- Number of continuing education programs conducted (with duration)
  - Induction - 4
  - Orientation – 6 in a year (fresher's, parents and pre examination orientation)
  - Refresher - 14
  - Post Graduate -NA

**29. Does the university offer Distance Education Programs (DEP)?**

Yes ☐ No ☒

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

**30. Is the institution applying for Accreditation or Re-Assessment?**

Accreditation ☒ Re-Assessment ☐

Cycle 1 ☐ Cycle 2 ☐ Cycle 3 ☐ Cycle 4 ☐

**31. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4) – (Not Applicable)**

Cycle 4: ..... (dd/mm/yyyy), Accreditation outcome/Result  
.....

Cycle 3: ..... (dd/mm/yyyy), Accreditation outcome/Result  
.....

Cycle 2: ..... (dd/mm/yyyy), Accreditation outcome/Result  
.....

Cycle 1: ..... (dd/mm/yyyy), Accreditation outcome/Result  
.....

\* Enclose copy of accreditation certificate(s) and peer team report(s)

**32. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.**

Not Applicable

**33. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).**

Not Applicable

IQAC ..... (dd/mm/yyyy)

AQAR (i) ..... (dd/mm/yyyy)

(ii) ..... (dd/mm/yyyy)

(iii) ..... (dd/mm/yyyy)

(iv) ..... (dd/mm/yyyy)

**34. Any other relevant data, the institution would like to include (not exceeding one page).**

- Entire campus is GREEN ZONE – Pollution free zone. Functioning of the motorized vehicles within the campus beyond the parking space is not permitted. Transport system within the campus is facilitated through pollution free battery operated maine and motor cycles.
- Adequate Bicycles available at stands distributed throughout the campus is available for the students, staff, patients, and visitors.
- Emphasis is laid on e-Learning, visual learning and hands on experience.



- Laboratory facilities for investigations are available and equipped with state of the art equipments.
- Competent faculty with adequate experience in teaching
- Student mentorship
- The entire campus is Wi-Fi enabled apart from LAN.
- Well stocked and well maintained library facility
- Customized treatment by experienced doctors at affordable cost
- Electronic health records management system
- Biometric attendance management system for faculty, student and non teaching staff
- In-house maintenance department - meets all maintenance requirements without delay
- Pneumatic chute system - facilitates rapid transfer of sample to the labs or reports back to the wards, delivery of drugs from the pharmacy to the wards.
- Comfortable hostel and staff quarters
- Good sports facilities both indoor and outdoor
- Building management system – for security purpose and to restrict unwarranted entry at strategic points by access doors
- CCTV facility and turnstile doors within the campus
- Within campus accommodation facility for patient's attendants who require prolonged stay
- Auditorium with international standards for hosting conferences and workshops

## **Part – II – CRITERIA WISE INPUTS**

**Chettinad Dental College & Research Institute**

Padur, Rajiv Gandhi salai, IT highway,  
Kelambakkam, Kancheepuram district

## **CRITERIA I: CURRICULAR ASPECTS**

**1.1.1 Does the institution have clearly stated goals and objectives for its educational program?**

Yes, the institution has laid out its goals and objectives keeping in mind the concerns of the stakeholders i.e., students, staff, community and other stakeholders. These are reflected through the vision and mission statements that are displayed within the institution and made aware to all the stakeholders.

**1.1.2 How are the institutional goals and objectives reflected in the academic programs of the institution?**

Academic programs of the college are designed in such a way that they have a meaningful relevance to the students, teachers and society at large without deviating from the norms laid by the affiliated university or the governing body.

**1.1.3 Does the institution, follow a systematic process in the design, development and revision of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).**

The curriculum is in accordance with the Dental Council of India recommendations while keeping in mind the institutional goals and objectives. The institution's goals and objectives aim to prepare graduates to assume responsibilities as professionally competent dental surgeons in providing promotive, preventive, curative and rehabilitative services.

Based on the societal needs, student feedbacks, advancing technologies and the current industry scenario, the institution has done minor curricular modification, thereby incorporating innovative initiatives in teaching, learning, research and developmental opportunities at undergraduate levels.

**1.1.4 How does the curriculum design and development meet the following requirements?**

**Community needs:**

The Bachelor of Dental Surgery curriculum is oriented towards training students to undertake the responsibilities of a dental surgeon capable of looking after the preventive, promotive, curative and rehabilitative aspects of dentistry.

The educational experience emphasizes the preventive dental health care and community orientation instead of concentrating only on disease diagnosis and treatment. The importance of the community aspects of dental health care and of rural health care services is adequately recognized in the prescribed curriculum. This aspect of dental education and training is available throughout all phases of education and training. This is further emphasized and intensified during the internship period. The aim of rural training during internship is to enable the fresh graduates to function efficiently under such settings and to build a sense of commitment in the young minds. Students are adequately primed and sensitized on all national / global public Dental health programs.

The graduate dental education in clinical subjects is primarily carried out in outpatient clinics, casualty and within the community including peripheral health care units. The outpatient departments have been designed to provide training to students for their better understanding in small groups.

The Dental graduates are trained independently in rural and urban environment to create awareness on the maintenance of oral hygiene, counsel patients on cessation of injurious habits and to promote dental health care by rendering specialized Dental treatment.

Due to the above practice the student is able to recognize the socio-psychological, cultural, economic and environmental factors affecting the health and to discharge one's professional responsibilities towards the patients in a humane and compassionate manner.

National Oral Health Programs like dental caries prevention by water fluoridation, tobacco cessation for oral cancer can be implemented with the basic knowledge of practical skills.

**Professional skills and competencies:** The students are trained to be competent in the following manner:

To diagnose and manage common Dental health problems of the individuals and the community, in accordance with his/her position/training as a member of the health care team at the primary, secondary or tertiary levels.

- a) To practice independently preventive, promotive, interceptive, curative and rehabilitative dentistry with respect to the commonly encountered health problems and to work in a variety of health care settings.
- b) Appreciate the rationale for different therapeutic modalities, and

to be familiar with the administration of "essential drugs" and their common side effects.

- c) Practice within the framework of code of ethics, professional conduct, and quality standards of practice within the legal boundaries.
- d) Communicate effectively within individuals, groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
- e) Demonstrate teaching skills to individuals and groups in clinical / community health settings.
- f) Acquire basic management skills in the area of human resources, materials and other assets related to health care delivery.
- g) Identify community dental health problems and be willing to find a solution to these by designing and instituting corrective steps, and by evaluating the outcome of such measures.
- h) Endowed with personal characteristics and attitudes required for professional life, such as personal integrity, a sense of responsibility, dependability and ability to relate to or show concern for other individuals.
- i) Demonstrate critical thinking skill in making decisions in all situations in order to provide quality dental health care.
- j) Utilize the latest trends and technology in providing dental health care.

**Research in thrust / emerging areas:**

Motivated to continue self-learning and seek further expertise or to pursue research in any chosen area of Dental science.

**Innovation:**

The students are encouraged to think out of the box for finding solutions. Also the students are encouraged and exposed to innovative ideas by making them attend conferences / workshops, outreach programs, competitions and training in latest technologies.

**Employability:**

The Dental student coming out of Chettinad Dental College and Research Institute is competent in academic and clinical skills with code of ethics.

**1.1.5 To what extent does the institution use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the institution been instrumental in leading any curricular reform, which has created a national impact?**

The curriculum has been developed according to the Dental Council of India recommendations while keeping in mind the Institutional Goals and objectives.

Since it's an affiliated college of Tamil Nadu Dr.M.G.R. University, the curriculum followed is in accordance with them. But the university when designing the curriculum takes into account the feedbacks of the constituent colleges, which forms the final outcome of the curriculum designing process. Hence the reforms are based on those feedbacks which reflect the National needs.

**1.1.6 Does the institution interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the institution benefitted through interactions with the stakeholders?**

The university interacts with various academic bodies, including the constituent colleges affiliated to the university to evaluate needs assessment, development of the information database, feedback from faculty, students, alumni, employees and academic peers. It also acquires feedbacks for appropriate inclusion and exclusion of academic decisions in statutory bodies such as constituting Member of Board of studies.

**1.1.7 How are the global trends in health science education reflected in the curriculum?**

The courses have been designed based on the prevailing trends by the Tamilnadu Dr M.G.R Medical University, as follows:

- To more student-centric (learner centered) and self-directed learning.
- To problem-based (or task-based) educational strategies that promote Active-interactive learning in small groups.
- To integrate interdisciplinary curriculum (aimed at maximizing horizontal and vertical integration of the Dental course), Computer assisted learning, Virtual library, Virtual classroom, Microteaching, Skill lab, Student seminars, symposia, quiz, Dental ethics, evidence based dentistry, webinars, communication skills.

**1.1.8 Give details of how the institution facilitates the introduction of new programs of studies in its affiliated colleges.**

The institute in concurrence with the affiliated university and the council are in the process of introducing masters programs.

**1.1.9 Does the institution provide additional skill-oriented programs relevant to regional needs?**

The Institution has ensured that the students are familiar with the basic knowledge and practical skills necessary for the implementation of primary and rural health care and the following National Health Programs:

- ✓ Dental Health Education
- ✓ School Dental Health program.
- ✓ Prevention of caries by water fluoridation program
- ✓ Awareness program on tobacco related oral lesions and oral cancer

These are facilitated in their clinical postings and by the field visits organized by the Department of Public Health dentistry. Knowledge in these areas is assessed in the examination.

**1.1.10 Explain the initiatives of the institution in the following areas:**

**Behavioral and Social Science:**

- Training in personality development, soft skills, communication skills, and ethics are conducted. In addition, observing the teachers in the outpatient department is like watching a role model for the students.
- Connecting with the public to increase the public understanding of behavioral and social sciences and why they are important.

**Medical Ethics / Bio Ethics / Nursing Ethics:**

After a brief introduction during the orientation program, ethics are taught during pre-clinical and clinical years. The department of Public Health Dentistry covers various aspects of Dental ethics as part of their regular curriculum.



**Practice Management towards curriculum and/or services:**

- The curriculum designed is such that it focuses mainly on experimental learning that is oriented towards practical and work experience
- The institution has organized over 897 outreach programs benefiting a huge population since its inception. This has helped the institution to learn more about the community that it serves and has helped students and faculty participate in building service oriented approach in the growing minds.

**Orientation to research:**

- The regular Orientation program is conducted by the experts from within and outside the institution.
- As the students progress in their respective programs, interested and outstanding students are encouraged to take part in small projects in various departments.
- Students are encouraged to submit and present papers at Regional and National conferences, undergraduate student convention, CDE programs, etc.

**Rehabilitation:**

Rehabilitation for slow learners and underperformed students are initiated through student assessment and mentorship programs.

The institute has a mentorship program with each teacher attending to 20-25 students. Slow learners are identified by the mentors and the other teachers based on their performance in the tests and behavior in the classes. These students are counselled, appraisal to the parents of their wards progress are done and appropriate corrective measures are taken to conduct extra coaching classes and tests.

**Ancient scriptural practices:**

Students are taught Yoga and self meditation.

**Health Economics:**

Issues relating to health economics, such as cost accounting, cost benefit, cost effectiveness methods, etc. are increasingly becoming an integral part of the health management and evaluation of health programs. Hence, these are exposed to students to make them understand the importance of such issues, even though it is not part of their curriculum.

**Enhancement of quality of services and consumer satisfaction:**

- The institution enhances quality of services in response to various feedbacks (students, faculty, patients, camps, etc.). The various committees monitor the quality of dental care services provided.
- Regular monitoring committees oversee the quality in various services rendered by the Institution like the Ethics committee, Periodical Medical Audits, Hospital Infection control initiatives, Patient coordination committee etc.

**1.1.11 How does the institution ensure that evidence based medicine and clinical practice guidelines are adopted to guide patient care wherever possible?**

Treatment protocols are based on previous proven outcomes. We use current scientific evidence to guide decision-making in clinical dentistry. It is an approach to oral health that requires the application and examination of relevant scientific data related to the patient's oral and medical health. Along with the dentist's professional skills' and expertise, Evidence Based Dentistry allows the treating dentist and clinical student to stay up to date on the latest procedures and the patient to receive improved treatment.

**1.1.12 What are the newly introduced value added programs and how are they related to the internship programs?**

The Bachelor of Dental Surgery by itself is a value added program in which the students have to undergo compulsory 1 year of rotatory internship during which they are exposed to practical skills. The student is also made to undergo training in rural health services. Comprehensive management of a patient towards oral rehabilitation is emphasized. This prepares the graduates to assume responsibilities as professionals and competent dental surgeons in providing promotive, preventive, curative and rehabilitative services. The students are trained in various hands on courses in the department of Endodontics and Prosthodontics inside and outside the college. Most of the departments involve the students in inter departmental clinical society meetings, continuing dental education, seminars. The students are exposed to various community services.

**1.1.13 How does the institution contribute to the development of integrated learning methods and Integrated Health Care Management?**

*Vertical and horizontal integration of subjects taught:* The subjects taught in BDS are all interdisciplinary and clinically oriented in nature. Strong collaboration among various departments of CDCRI enhances the integration of subjects taught

*Integration of subjects taught with their clinical application:* The subjects taught at CDCRI are integrated primarily and the institution ensures that an interdisciplinary approach is adopted in its teaching methodology with more emphasis in clinical application during the clinical years.

*Integration of different systems of health care (Ayurveda, Yoga, Unani, Homeopathy, etc.) in the teaching hospital:* alternative medicine practiced in certain cases where ever applicable.

**1.1.14 How is compatibility of programs with goals and objectives achieved with particular reference to priority of the interface between Public Health, Medical Practice and Medical Education?**

The Bachelor of Dental Surgery curriculum is oriented towards training students to undertake the responsibilities of a dental surgeon capable of looking after the preventive, interceptive, curative and rehabilitative aspects of dentistry.

The educational experience emphasizes the preventive dental health care and community orientation instead of concentrating only on disease and treatment. The importance of the community aspects of Dental health care and of rural health care services is adequately recognized in the prescribed curriculum. This is further emphasized and intensified during the internship period. The aim of rural training during internship is to enable the fresh graduates to function efficiently under such settings and to build a sense of commitment in the young minds. Students are adequately primed and sensitized on all national / global public dental health programs.

The graduate dental education in clinical subjects is primarily carried out in outpatient clinics, casualty and within the community including peripheral health care units. The outpatient departments have been designed to provide training to students for their better understanding in small groups.

The dental graduate of this institute is trained to deal independently with common problems of dental health in both urban and rural environment. They also provide counselling to the afflicted and their family members in preventing injurious oral health practices and habits.

## **1.2 Academic Flexibility**

### **1.2.1 Furnish the inventory for the following:**

*Programs offered on campus:* **BDS - Bachelor of Dental Surgery**

*Overseas programs offered on campus:* **NIL**

*Programs available for colleges/students to choose from:* **BDS - Bachelor of Dental Surgery**

### **1.2.2 Give details on the following provisions with reference to academic flexibility**

*Core options:* Dentistry

*Elective options:* not applicable

*Bridge course:* not applicable

*Enrichment courses:* nil

*Credit accumulation and transfer facility:* not applicable

*Courses offered in modular form:* not applicable

*Lateral and vertical mobility within and across programs, courses and disciplines and between higher education institutions:* not applicable

*Twinning programs:* not applicable

*Dual degree programs:* not applicable

### **1.2.3 Does the institution have an explicit policy and a strategy for attracting students from**

*Other states:*

*Socially and financially backward sections:*

*International students:*

65% of students are selected through government counseling conducted

by the Directorate of Medical Education, TamilNadu. The balance quota of 35% of management seats is filled with a mixture of students who are admitted from varied social and financial backgrounds and they are generally based on the entrance exams conducted by the TamilNadu Private Professional College Association, which includes students from other states also.

**1.2.4 Does the institution offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programs?**

The institution offers BDS - Bachelor of Dental Surgery course.

Course	Admission	Curriculum	Tuition fee	Teacher qualification	Salary
BDS - Bachelor of Dental Surgery course	As per affiliate university	As per DCI	1.15 lakhs	Specialty wise as per DCI norms	Over and above the UGC prescribed pay structure

**1.2.5 Has the institution adopted the Choice Based Credit System (CBCS)? If yes, for how many programs? What efforts have been made by the institution to encourage the introduction of CBCS in its affiliated colleges?**

Choice based credit system is not applicable as per the university and council norms at present

**1.2.6 What percentage of programs offered by the institution follows?**

**Annual system:**                      **Semester system:**                      **Trimester system**

The institution follows an annual system only.

**1.2.7 How does the institution promote multi/interdisciplinary programs? Name a few programs and comment on their outcome.**

- BDS is a multidisciplinary course, imparting and enhancing skills which are a part of the curriculum.
- The UG course integrates different disciplines combined with field visits and project work.
- Regular quiz, research activities, debate, seminar, conference presentation, etc. by students further enhances their knowledge and public speaking skills.
- The students are exposed to personality development and to develop their soft skills.
- The annual intra and intercultural programs organized by the institute develops their extracurricular skills and organizational capabilities.

**1.2.8 What programs are offered for practising health professionals for skills training and career advancement?**

- Regular teacher training workshop for in-house faculty is conducted biannually by the Dental Education Unit.
- Research Methodology workshop and Research Proposal writing workshops are conducted for faculty interested in research.
- Monthly Continuing Dental Education programs help the faculty to update their knowledge.
- Guest lectures are conducted.
- Basic life support training is provided on a regular basis.
- The college plays host to various national and regional conferences.

**1.3 Curriculum Enrichment**

**1.3.1 How often is the curriculum of the institution reviewed and upgraded for making it socially relevant and/or skill oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?**

A revision in the syllabus, minor or major is reviewed by the Board of studies of the affiliated university and is adopted by the institution.

- 1.3.2 During the last four years, how many new programs were introduced at the UG and PG levels? Give details. Multi/interdisciplinary: programs in emerging areas:**

No new programs were introduced in the last four years.

- 1.3.3 What is the strategies adopted for the revision of the existing programs? What percentage of courses underwent a syllabus revision?**

The institution follows the curriculum prescribed by Dental Council of India. The last revision took place in the year 2007 regulation (modified in 2011) for BDS (Bachelor of Dental Surgery)

- 1.3.4 What are the value-added courses offered by the institution and how does the institution ensure that all students have access to them?**

Bachelor of Dental Surgery by itself is a value added course which uses the skills and knowledge in treating the public affected by dental health problems. The students are made to attend various lectures and practical demonstrations for effective training. The institution offers various hands on courses, clinical society meetings, seminars, CDE programs and webinars.

- 1.3.5 Has the institution introduced skills development programs in consonance with the national health programs?**

The institution involves the students in the various National health programs such as

- Dental Health Education
- School Dental Health program
- Prevention of caries by water fluoridation program
- Awareness program on tobacco related oral lesions and oral cancer

- 1.3.6 How does the institution incorporate the aspects of overall personality development addressing physical, mental, emotional and spiritual well being of the student?**

During the course the students are taught the importance of personality development which includes the following,

- Self development
- Patient care
- Professionalism
- Problem solving skills
- Communication skills and team work
- Personal effectiveness
- Student counseling
- Effective co-ordination

**1.3.7 Does the curriculum provide for adequate emphasis on patient safety, confidentiality, rights and education?**

The students are oriented during the clinical postings towards patient safety, patient rights and responsibilities, patient confidentiality etc.

**1.3.8 Does the curriculum cover additional value systems?**

Students are sensitized towards service orientation with regard to social needs of the community, thereby infusing basic values within the student

**1.4 Feedback System**

**1.4.1 Does the institution have a formal mechanism to obtain feedback from students regarding the curriculum and how does it make use of?**

The feedback from the students is collected on a regular basis and is analyzed for further reforms/changes if needed with regard to curriculum and such suggestions are communicated to the Affiliated University for necessary changes.

**1.4.2 Does the institution elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and their impact.**

Yes, the institution gets feedback from faculty at the national level when participating in seminar / conferences / workshops or during their visit to our institution.



**1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum and the extent to which it is made use of.**

The feedback collected by the institute are made known to the parent university by conducting review meetings. Any modifications in the curriculum are carried out by the parent university based on the feedback given by the affiliated college.

**1.4.4 Based on feedback, what are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring the effective development of the curricula?**

There has been some modification based on the feedback with regard to examinations.

**1.4.5 What mechanisms are adopted by the management of the institution to obtain adequate information and feedback from faculty, students, patients, parents, industry, hospitals, general public, employers, alumni and interns, etc. and review the activities of the institution?**

- Students - Through questionnaire
- Patients - Through questionnaire in English and Tamil languages
- Alumni - Alumni feedback through social networking sites and written mails.
- Parents - Oral feedback and suggestions are obtained during the parent teachers meeting.
- Employers / industries-Visiting faculty for the courses are from the industry. Feedback is obtained from them.
- Academic peers and Examiners -Visitors feedback book.
- Community- Through general discussion with village Panchayat head, health officer, patients themselves.

## **CRITERIA II: TEACHING-LEARNING & EVALUATION**

## **CRITERION II: TEACHING-LEARNING AND EVALUATION**

### **2.1 Student Enrollment and Profile**

#### **2.1.1 How does the institution ensure publicity and transparency in the admission process?**

##### ***a. Prospectus***

The prospectus is made available at the college counter and also through TNPPCA examinations.

##### ***b. Institutional Website***

The prospectus and application are made available in the website for download and in all advertisements the website address is publicized.

##### ***c. Advertisement in Regional/ National Newspapers***

The admission process is given wide publicity through advertisements in national and local print media, well in advance to give sufficient time for the potential candidates to respond.

##### ***d. Any other***

- Participation in career counselling exhibitions and job fairs
- Addressing the plus-two students

#### **2.1.2 Explain in detail the process of admission put in place by the institution. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test, aptitude and interview, (iv) common entrance test conducted by state agencies and national agencies (v) any other criteria (specify).**

Transparency is ensured by adopting a selection procedure recommended by Dental Council of India for BDS.

65% of the candidates are selected through the government counselling and 35% selected by the common entrance examination conducted by the TamilNadu Private Professional College Association followed by counselling.

**2.1.3 Provide details of the admission process in the affiliated colleges and the university's role in monitoring the same.**

	<b>Courses</b>	<b>Eligibility</b>	<b>Mode of Selection</b>
1	B.D.S	Cut off mark in qualifying examination as fixed by the selection committee (as per Dental Council of India it is 50%)	Marks in Entrance Examination

**2.1.4 Does the institution have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?**

The admission is done by purely merit basis and criteria following the Dental Council of India norms. Among the total intake of students 65% of the candidates are selected through the government counselling and 35% selected by the common entrance examination conducted by the TamilNadu private Dental College Association followed by counselling. The student profile is variable and depends upon the prevailing trend and education scenario.

**2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:**

- \* **SC/ST**
- \* **OBC**
- \* **Women**
- \* **Persons with varied disabilities**
- \* **Economically weaker sections**
- \* **Outstanding achievers in sports and other extracurricular activities**
- Selection is done in the state counselling following the prevailing quota system.

- We try to ensure equal access to all students, especially the above said groups.
- Concession in the Hostel and mess fee is provided for students from disadvantaged community (on case to case basis).
- The ratio of female students is more than male students in the present scenario.

**2.1.6 Number of students admitted into the institution in the last four academic years:**

Categories	Year 1 (2010-11)		Year 2 (2011-12)		Year 3 (2012-13)		Year 4 (2013-14)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	0	8	4	10	1	11	4	9
ST	0	0	0	0	0	1	0	1
OBC	10	47	13	63	16	55	17	63
General	1	4	3	10	3	13	3	3

**2.1.7 Has the university conducted any analysis of demand ratio for the various programs of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.**

The institution offers only B.D.S course and is an affiliated college of the TamilNadu Dr. M.G.R Medical University. The institution is recognized by the Dental Council of India and any analysis of demand ratio for the program and trends regarding its increase / decrease can be made only by the governing authority.

**2.1.8 Were any programs discontinued /staggered by the institution in the last four years? If yes, specify the reasons.**

No

## **2.2 Catering to Student Diversity**

### **2.2.1 Does the institution organize an orientation / induction program for fresher's? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.**

The institution organizes an orientation program for the fresher's twice a year. An orientation program has been developed and organized by Dental Education Department to assess the students' needs and to introduce the students to the demands/requirements of the course before the commencement of the regular classes.

An orientation regarding the curriculum of the program, the subjects and its faculties, rules and regulation of the affiliated university and the statutory bodies (Dental Council of India) are given. The students along with parents are taken for an in-campus tour to know about the facilities available. They are also briefed about the various committees' functioning for the student's benefit like the anti ragging committee, sports and cultural committee, Parents-Teacher Association, Compliance Cell for Sexual Harassment against Women, Grievance Redressal Cell, Students Counselling Centre and faculty in-charge are introduced.

During the second half of the year, two to three months before the final examination, an insight towards the examination pattern, examination rules and regulation, qualifying criteria, use of the examination answer booklets is briefed.

### **2.2.2 Does the institution have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?**

The institution has a student profile proforma that has to be filled by the student and the accompanying parent or the guardian on the first day of the college. The differing requirements of the student population are analyzed by the inputs given by the student like qualification of the parent, their occupation, economic background, their medium of study at school, etc. The key issues are identified and are addressed on a case to case basis.

### **2.2.3 How does the institution identify and respond to the learning needs of advanced and slow learners?**

The institute has successfully implemented Learning Management System (LMS) which is designed to meet the diverse needs of the learners. Instruction is concept focused and principle driven. All students have the opportunity to explore and apply the key concepts of the subject being studied. All students come to understand the key principles on which the study is based. Such instruction enables struggling learners to grasp and use powerful ideas and, at the same time, encourages advanced learners to expand their understanding and application of the key concepts and principles. Such instruction stresses understanding or sense making rather than retention and regurgitation of fragmented bits of information.

In addition, there is active mentoring of students. While the slow-learners are assisted and guided in solving their learning problems, the advanced learners are encouraged to explore the advantages, and reap the benefits of self-directed learning.

Advanced learners are identified through formative evaluation and are made group leaders to motivate and guide other students. In addition, they are encouraged and trained to participate in intercollegiate quiz, initiate short student's projects, and presentation at various conferences.

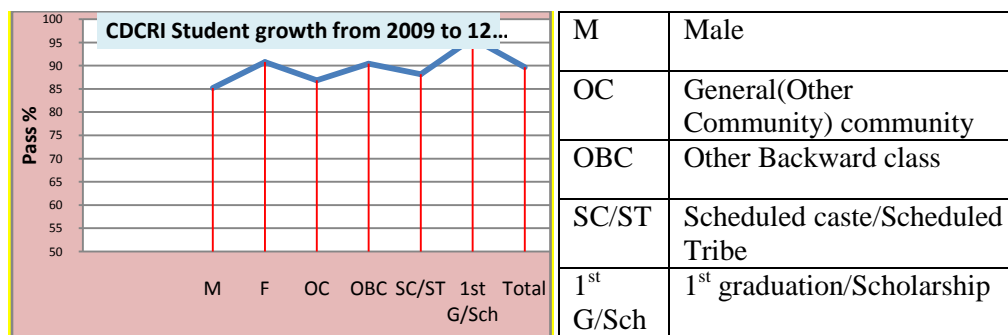
Prize examinations in individual subjects are conducted and winners are awarded. University toppers of all the courses are recognized and suitably awarded. Vertical and Horizontal integration of clinically relevant topics further help in their understanding and enriching their learning process.

### **2.2.4 Does the institution offer bridge / remedial / add-on courses? If yes, how are they structured into the timetable? Give details of the courses offered, department-wise/faculty-wise?**

Yes. The students are identified based on performance in the internal examinations and analyzed by the course in charge. The respective department takes the responsibility in the remedial measures. The students lagging in completing their practical work and clinical case quota are given priority. The students with learning inability and inadequate attendance are encouraged to attend special classes according to a framed schedule.

Mode of tutorials: Group discussions, Short review classes, Tests

**2.2.5 Has the institution conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, differently-abled, etc.? If yes, what are the main findings?**



Yes the institution analyzes and evaluates the academic growth of students periodically at the end of the each academic year. The outcome of the consolidated evaluation is depicted in the graph above.

The inference of the study is as follows,

- The performance of the female students was found to be 6% higher than the male students.
- Students from other backward class fared well than the other class.
- The academic performance variations between general community and SC/ST were almost same.
- Students whose parents are not graduates and those students who are the first graduate in their family and so availing the government scholarship performed well beyond the other students

**2.2.6 Is there a provision to teach the local language to students from other states/countries?**

Since the basic requirement for admission is English proficiency, the students are taught in English only. Hence there has been no requirement for teaching in other language.

**2.2.7 What are the institution's efforts to teach the students moral and ethical values and their citizenship roles?**

The students are actively made involved in community extension programs in which the students are taught about the moral and ethical



values and their role in the future for social upliftment of the rural and poor people

**2.2.8 Describe details of orientation/ foundation courses which sensitize students to national integration, constitution of India, art and culture, empathy, women's empowerment, etc.**

Since BDS is part of human science the students are oriented towards treating patients with a social conscience irrespective of cast, creed and religion. This enables the student to have the same approach to all people whether elderly, women or youngsters with the same attitude.

**2.2.9 Has the institution incorporated the principles of Life Style Modifications for students based on Eastern approaches in their day to day activities?**

Generally during orientation and induction of students the panel of speakers emphasizes on the need to follow things in a spiritual way so that they have calmness and peace inside them while dealing with problems of others.

**2.2.10 Has Yoga/Meditation/any other such techniques been practiced by students regularly as self-discipline?**

Yoga is part of the curriculum. Students have facilities for attending yoga and meditation practice for which a separate teacher in the campus is available.

**2.2.11 How does the institution attend to the diverse health issues (physical and mental) of students and staff?**

On the admission of students to the course, a thorough medical check-up including necessary vaccinations are carried out. Apart from that the institute has an in house medical doctor and a psychologist to attend to students in case of issues.

**2.2.12 Does the institution cater to the needs of groups / individuals requiring special attention by conducting group classes / special individual trainings / focus group discussion / additional training measures etc.?**

Yes. The institution has a mentorship program in which a group of 20-25 students is allocated under a staff. This is in addition to the course in

charge, who identifies the students based on performance in the internal examinations. The respective department takes the responsibility in the remedial measures. The students lagging in completing their practical work and clinical case quota are given priority. The students with learning inability and inadequate attendance are encouraged to attend special classes according to a framed schedule.

## **2.3 Teaching-Learning Process**

### **2.3.1 How does the institution plan and organize the teaching-learning and evaluation schedules such as**

- \* **Academic calendar:** The Dental Education Unit in consultation with the principal of the institution and the Heads of the department plans the academic calendar. This calendar is made available to the students via their handbook. This helps considerably in coordinating complex schedules and in its timely implementation and allows the students to organize their learning process more efficiently.
- \* **Master plan:** Apart from the information available in the academic calendar, the master plan includes the theory and practical timetable, practical/clinical work schedule cum patient case quota, internal examination schedule for students.
- \* **Teaching Plan:** The Dental Education Department along with the heads of the various departments charts out the timetable and the overall teaching methodology, evaluation pattern and examination schedule. The respective department heads in consultation with the faculty of the department makes a detailed monthly teaching schedule and uploads the same in the learning management system.
- \* **Rotation plan:** The student's clinical training program is conducted by an organized rooster method in which the students are posted in each specialty department for a period of 15 days in a minimum of two cycles
- \* **Course Plan:** The students along with parents are appraised during the orientation program on the plan of action during the course period year wise.
- \* **Unit Plan:** The students are divided into the equal number of units in both preclinical and clinical postings. Each faculty in the department is assigned to each unit.

- \* **Evaluation Blue Print:** The student evaluation is done based on the marks obtained in the theory and clinical internal examination conducted by the institution as per the university and Dental Council of India guidelines. The final evaluation is done through the examination conducted and evaluated by the central evaluation system in the affiliated university. The practical evaluation of the students is done by the duly appointed examiners of the affiliated university.
- \* **Outpatient Teaching:** The outpatient teaching and training is conducted by the respective specialty departments during the clinical postings. Each faculty of the department is designated by a set of students (unit system) who take the responsibility to train, evaluate and monitor the progress of the students assigned under them.
- \* **In-patient teaching:** The in-patient teaching and training is done in the department of General Medicine and Surgery.
- \* **Clinical Teaching in Other Sites:** Students are posted in a corporate clinic of the institution during their internship program which enhances clinical expertise in corporate scenario.
- \* **Teaching in the Community:** Community teaching is inculcated among the students during the clinical years (third and Final year BDS). The interns are posted compulsorily in the peripheral centers of the institution which exposes them to community awareness, screening and treatment programs.

**2.3.2 Does the institution provides course objectives, outlines and schedules at the commencement of the academic session? If yes, how is the effectiveness of the process ensured?**

The institution provides course objectives during the orientation cum induction program for freshers. However the schedules are prepared by the respective departments according to the Tamil Nadu Dr.MGR Medical University and Dental Council of India norms on monthly basis and same is published on the department notice board and the students can login through the learning management system (LMS).

**2.3.3 Does the institution face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.**

No. All the lectures, laboratory procedures and clinical postings are

planned and well scheduled. No challenges were faced so far in completing the curriculum within the stipulated time frame and calendar.

**2.3.4 How is learning to make student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating lifelong learning and knowledge management.**

In order to make the learning student centered, strategies are evolved at self directed learning; problem solving which includes problem based learning, small group discussions, student seminars and symposia, etc. Modules on communication skills, dental emergency management, organization and participation in student's symposia, lecture class debates are conducted. Emphasis on recent advances ensures lifelong learning.

To promote self-directed learning, the library has subscribed to

1. Virtual Library with CD Rom, interactive video, etc.
2. "Global periodical" which provides search on web links of full text, Internet based / web based e-journals, e-books and other e-contents.

The teaching is more learner centered. Active participation by students is encouraged by announcing the topics in advance and by incorporating interactive sessions in the form of discussions.

Leadership and organizational skills are developed through their active participation in the institution. Organized academic events and community based programs. Appointment of the class monitors on a unit-wise rotational basis and personality development programs organized during the orientation etc., further help in their overall development.

Student's participation in various workshops and conferences, there by instill the importance of continued learning.

**2.3.5 What is the institution's policy on inviting experts / people of eminence to augment teaching-learning activities?**

The institution conducts continuing education programs like CDE, seminars and workshops in which experts and eminent people in the field are invited.

**2.3.6 Does the institution formally encourage learning by using e-learning resources?**

Yes. The Chettinad Learning Management System is a Networked Learning Environment (NLE), in which any student or teacher can view instructional content, collaborate with educators, evaluate academic performance, and access learning resources at anytime from anywhere. The capabilities of this LMS are content authoring, role based information delivery, learning objects catalog, report card module, reporting and performance dashboard and creation of advanced assessment questions. The system enables attendance monitoring, SMS and E-mail communication system, blogging, doubt center in the form of a forum, wiki like search with over 2 million medical terms to describe, access to parents for instant information on their wards, image galleries for sharing personal photos as well as study materials, online shopping catalogue for purchase of recommended books, study material, and medical equipments.

**2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning and open educational resources used by the faculty for effective teaching?**

The teacher's use all the teaching, learning methods used for educative process like, lectures, clinical / lab practical work, chair side/bed side procedures, projects, group works, tutorials, seminars, symposia, project work, quiz programs, field trips, simulations using mannequin and assignments etc. Vertical and Horizontal integration for relevant topics are also conducted. Problem based learning is used at regular intervals.

Clinical training such as case studies, outpatient clinics, subspecialty trainings, clinical postings in basic science, video assisted learning, etc. is done.

Phantom head lab and skills lab – has been commissioned for hands-on training in various skills in patient care for students.

The Institution has a strong focus on E-Learning and has equipped every student with a laptop and learning management system loaded in it. The institution has a state of the art teaching and learning management system which is in tune with international standards. The students are made to learn through visuals which make learning more effective and engaging.

**2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in the Open Source Community and integrate its benefits in the institution's educational processes?**

Dental Education Unit of CDCRI observes the trends and analysis of its outreach programs and the result of those are the following programs conducted on tobacco cessation program, tobacco awareness rally, public Dental expo, skits about the ill effects of alcohol and tobacco, involving the students. The same program is also celebrated within the Dental College campus. Apart from that, the patients screened during community Dental camps are treated in the hospital giving the students practical experience during the internship.

**2.3.9 What steps has the institution taken to transition from traditional classrooms into an e-learning environment?**

The institution issues laptops to each and every student at the commencement of the course. Each of the student's table is provided with internet connection and the entire campus is WI-Fi enabled including the hostel and staff quarters zone. Apart from that the complete course content, lectures, and educational videos have been incorporated in the learning management system. The beneficiaries are monitored through the hits recorded.

**2.3.10 Is there provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefited.**

Yes, the active mentorship program for students is available for personal and academic guidance and counseling. The Dental Education Unit and the student's grievance and counselling cell work together in solving the academic needs of the students. The team of faculty and psychologist in the student's grievance and counselling cell provide personal and psycho-social guidance.

**2.3.11 Were any innovative teaching approaches/methods/practices adopted and implemented by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?**

Innovative teaching methods adopted by the departments are

- a) Chapterwise questions and answer preparation.
- b) Crash course by faculty for students.
- c) Debates among students with faculty as moderators.
- d) Open book test.
- e) Picture test.
- f) Clinic based learning and discussion.
- g) Problem solving in clinical dentistry.
  - a. On field demonstration of Primary Health Care functioning, functioning of water purification and sewerage plant
- h) Preparation of teaching aids in form of charts, posters, models.

The above mentioned teaching methodologies are student centered; animated and hands-on training made students friendly. The impact of such practices was evident by the overwhelming results achieved in the university examination.

**2.3.12 How does the institution create a culture of instilling and nurturing creativity and scientific temper among the learners?**

The students are encouraged to participate in student's convention, conferences and symposium. They are guided to present papers, posters and table clinic, thereby instilling and nurturing creativity and scientific temperament.

**2.3.13 Does the institution consider student projects mandatory in the learning program? If yes, for how many programs have they been (percentage of total) made mandatory?**

**\* Number of projects executed within the institution**

<b>Departments</b>	<b>Projects</b>
Department of Oral Medicine And Radiology	20
Department of Oral Surgery	9
Department of Public Health Dentistry	40
Department of Prosthodontics	126
Department of Pedodontics	100
Department of Periodontics	262
Department of Orthodontics	10
Department of Conservative Dentistry And Endodontics	41
Department of Oral And Maxillofacial Pathology	73

**\* Names of external institutions for student project work**

- Chettinad Academy of Research and Education
- Madras Medical College
- Stanley Medical College
- Kilpauk Medical College
- Tagore Medical College
- SRM Medical College
- Karpaga Vinayaka Institute of Medical Sciences
- Adhi Parasakthi Medical College
- Kanchipuram Cancer Institute

**\* The role of faculty in facilitating such projects** - The faculty help in guiding and motivating the students to take up research projects



**2.3.14 Does the institution have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?**

The institution is aided with adequate number of faculty members to meet curricular requirements. The discrepancies are fulfilled within a short time frame.

**2.3.15 How are the faculty enabled to prepare computer-aided teaching / learning materials? What are the facilities available in the institution for such efforts?**

All lecture theatres are equipped with multimedia projectors (LCD projector), overhead projectors and public address system. Apart from this each student is equipped with a laptop loaded with the learning management system which helps them in an effective learning. The campus is Wi-fi enabled. All modern teaching aids listed above are effectively used.

A dedicated team of IT staff is available for helping the faculty in making teaching – learning materials. A photographer is provided with digital still and video camera for taking clinical pictures of staff and students presentations. The scanning and copier facility is available. All the lectures are fed into the central server so that the teachers, students and administrators can access them. The students and the staff are restricted from editing the study material available in the learning management system.

**2.3.16 Does the institution have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?**

The evaluation of teachers is done by the students on an annual basis and by the alumni during their meet. The evaluation process includes a feedback questionnaire targeting the evaluation of teachers, department and curriculum of the students. The evaluation process is carried out by the learning management system.

Apart from the general feedback, the department receives feedback from the students and parents through one to one interaction conducted during biannual parent-teacher meet. The feedback from the student are also

received following the completion of a chapter or term and the feedbacks are evaluated and necessary measures are taken. The Dental Education Unit (DEU) also includes student members who will give regular inputs on student's requirement.

**2.3.17 Does the institution use telemedicine facilities for teaching-learning processes? If yes, cite a few instances.**

The institution uses the videos of clinical demonstrations of practical, clinical, and operative procedures available online. The departments use web lecture and webinars which are effective in teaching and demonstrations of clinical procedures.

**2.3.18 Does the institution utilize any of the following innovations in its teaching-learning processes?**

- \* **ICT enabled flexible teaching system:** All the lectures are fed into the central server so that the students can have access to them through their laptops. The students and the teacher can view the instructional context and collaborate with the educators. There is a facility for teleconference to the students and the teachers. The campus is Wi-Fi enabled and so students can access any learning resource at his / her convenience anytime, anywhere.
- \* **Reflective learning:** The entire course is based on application of theoretical knowledge in clinical procedures.
- \* **Simulations:** The institution is equipped with skills lab, which includes mannequins and phantom head lab, which simulates a life like manner of the clinical scenario on which the students can be trained.
- \* **Evidence based medicine:** The students are encouraged to take short term projects in the local community, which helps them identify the familiar cause of the common prevailing dental diseases in the locality. This helped them in the diagnosis and treatment planning on such already proven outcomes.
- \* **Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine:** Community teachings are inculcated among the students during the clinical years (third and Final year BDS). The interns are posted compulsorily in the peripheral centers of the institution which expose them to community awareness, screening and treatment

programs. This helps the student to create the right attitude towards practicing dentistry.

- \* **Problem based learning (PBL): each department:** The students are divided into units or groups under a faculty. This helps in identifying what they already know, what they need to know, and how and where to access new information that may lead to the resolution of the problem. The faculty facilitates student learning by supporting, guiding, and monitoring the learning process.
- \* **Student assisted teaching (SAT):** Student seminars are conducted on a regular basis under the guidance of the faculty. Each student group or unit is appointed with a student monitor on a rotational basis. The practices help in improving the performance of slow learners and also encourage students to evolve as good teachers.
- \* **Self directed learning and skills development (SDL):** Self directed learning is encouraged among the students through the assignment book which contains previous year question papers. The answers are evaluated and discussed by their respective guides/ mentors in each department. The study and practice of dentistry are skill based. All the evaluative process is done with equal weightage for self directed learning and skill ability of the student.
- \* **Narrative based medicine:** The students are encouraged to deliver awareness lectures of the commonly prevailing diseases in the local community. The emphasis is given to student patient communication whereby the students are advised to establish a two way communication by listening and then explaining to the patient about his illness, treatment plan and clinical outcomes.
- \* **Medical Humanities.** Importance is given to develop moral values, ethics, social science and their application in dental, medical education and their practice. The faculties lay emphasis on humanities in dentistry in addition to the curriculum.
- \* **Drug and poison information, assistance center:** Not available
- \* **Ayurveda practices:** Not available
- \* **Yoga practices:** Yoga instructor is available in-house for students.
- \* **Yoga therapy techniques :** Not practised
- \* **Naturopathy and its practices:** Not practised

**2.3.19 Does the institution have an Electronic Medical Records facility, staffed by trained and qualified personnel? Is it used for the teaching - learning process?**

Yes, Electronic medical record is available for investigation and diagnosis and it is under upgradation for dental case sheet. The Chettinad Dental College and Research Institute have the medical record's department (MRD), an organized team of staff who take care of maintaining the medical records. All the details of the patient's illness, investigatory results, and digital radiography and treatment particulars are made accessible at all clinical departments and laboratory. The information gathered through the MRD is used for students, teaching – learning process and at the in-patient and outpatient wards.

**2.3.20 Does the institution have well documented procedures for case sheet writing, obtaining informed consent and the discharge process of the patients?**

Yes.

**2.3.21 Does the institution produce videos of clinical cases and uses them for teaching-learning processes?**

Yes. Video presentation for effective student teaching – learning process is practised.

**2.3.22 Does the institution perform medico legal/post-mortem procedures with a view to train the undergraduate and post-graduate students in medico legal procedures?**

Not applicable.

**2.3.23 Does the institution have drug and poison information and poison detection center? How these are used to train the students?**

The proposal to start the drug and poison information and detection center has been given and initiated by the department of pharmacology.

**2.3.24 Does the institution have a Pharmacovigilance / Toxicology Centre /clinical pharmacy facility / drug information center/Centre for disease surveillance and control/ Prevention through Yoga/Promotion of positive health/Well-equipped Psychology Laboratory/ Naturopathic diagnostic center, etc.?**

**Pharmacy:** Pharmacy is available at hospital area within the campus.

**Center for disease surveillance and control:** A unit functioning in the department of Public Health Dentistry.

**2.3.25 Laboratories / Diagnostics**

**\* How is the student's learning process in the laboratory / diagnostics monitored? Provide the laboratory timetable (for the different courses).**

**\* The student staff ratio in the laboratories / diagnostics.**

The students of the preclinical course of study are assessed periodically during the routine lab schedules. As the course curriculum is a mixture of theoretical and practical skills the students are demonstrated, guided and monitored by the specialty faculty at a ratio of 1: 20 students.

During the clinical year of study the students are demonstrated and made to observe procedures by the speciality expertise of the respective departments. The students are allowed to do the treatment procedures and the same is assessed and evaluated taking into the consideration the following like, sterilization, patient student communication, hospitality, patient awareness, education, motivation and perfection of skills. The ratio of faculty to student in the clinic is 1: 5.

**2.3.26 How many procedures / clinical cases / surgeries are observed, assisted, performed with the assistance and carried out independently by students in order to fulfill the learning objectives?**

Students are given priority to be involved in clinical cases in a way of observation, assisting and performing the procedures either independently or as a team. The number of such procedures or clinical cases is allotted to each student in order to satisfy the norms stipulated by the statutory body and to fulfill the learning objective.

The students perform a minimum of 380 cases during the course of study which is spread out in the clinical years, during the course of

study and the compulsory rotating internship program.

**2.3.27 Does the institution provide patients with information on complementary and alternative systems of Medicine?**

Not applicable in Dentistry.

**2.3.28 What are the methods used to promote the teaching - learning process in the clinical setting?**

Clinical training as far as the different skills at a contemporary level, to be achieved is according to the regulations and recommendations set by the various regulatory bodies like the Dental Council of India and the TamilNadu Dr. M.G.R Medical University. All clinical students are allowed to record clinical cases, recording and development of radiographs, perform treatment procedures such as dental restorations, prosthesis, scaling, removable orthodontic appliance and tooth extraction. The specialty departments ensure the implementation and achievements of the skills by students and interns at the time of completion. Extensive and minor specialty procedures are performed, assisted and observed by the students under the supervision of dental specialist.

**2.3.29 Do students maintain log books of their teaching-learning activities?**

Students maintain log books and records of their teaching-learning activities and a record of the work done is also maintained in the department.

**2.3.30 Is there a structured mechanism for postgraduate teaching-learning process?**

Not applicable. At present the institution does not offer post - graduate courses.

**2.3.31 Provide the following details about each of the teaching programs:**

**Number of didactic lectures:** Lectures are conducted according to the norms of the Dental Council of India.

Subjects	Lecture hours	Practical hours	Clinical hours	Total hours
General anatomy	100	175		275
General physiology and Biochemistry	120	60		180
	70	60		130
Dental materials	80	240		320
Dental anatomy, embryology and oral histology	105	250		355
Dental pharmacology and Therapeutics	70	20		90
General pathology and Microbiology	55	55		110
	65	50		115
General medicine	60		90	150
General Surgery	60		90	150
Oral pathology and microbiology	145	130		275
Oral medicine, radiology	65		170	235
Pediatric and preventive dentistry	65		170	235
Orthodontics	50		170	230
Periodontics	80		170	250
Oral Surgery	70		270	340
Conservative dentistry and Endodontics	135	200	370	705
Prosthodontics	135	300	370	805
Public health dentistry	60		200	260
Total	1590	1540	2070	5200

- \* **Number of students in each batch :** 100
- \* **Number of rotations:** 3 cycles of clinical posting and lectures and practical as per timetable
- \* **Nursing Care Conference (NCC):** Not applicable
- \* **Number of Dental procedures that the students get to see:**
- \* **Mannequins / Simulation / skills laboratory for student teaching:** Available
- \* **Number of students inside the operation rooms at a given time:**  
4
- \* **Average number of procedures in the ORs per week, month and year:**
- \* **Autopsy / Post-mortem facility:** Not available
- \* **Details of student case study :**

Departments	Treatments	III and Final BDS student case	CRI	Total Cases	
				Students-(4+1 reg)	CR I's
Oral Surgery	Extraction	75	50	79	61
	Minor Surgery	4			
	Impactions		2		
	Surgical Extractions		2		
	Simple Intra maxillary Fixation		1		
	Cycts Enucleations		1		
	Incision Drainage		2		
	Alveoloplasties, Biopsies and Frenectomies		3		
Periodon	Oral Prophylaxis	40	15	40	21



<b>tics</b>	Flap Operation		2		
	Root Planning		1		
	Curettage		1		
	Gingivectomy		1		
	Endo-Perio cases		1		
<b>Conservative and Endodontics</b>	Restoration-Amalgam/GIC	70		78	19
	RCT	8			
	Restoration of Extensive caries teeth		5		
	Inlay and Onlay Preparations		1		
	Tooth coloured Restorations		4		
	Treatment of discoloured vital and non -vital teeth		1		
	Management of Dento alveolar fracture		1		
	Management of Pulpless, Single-rooted teeth without periapical lesions		4		
	Management of acute dento alveolar infections		2		
	Management of Pulpless, Single-rooted teeth with periapical lesions		1		
<b>Prosthetics</b>	Full Denture	2	2	10	8
	Removable Partial Denture	8	4		
	Fixed Partial Denture		1		
	Reline/overdenture/repair		1		
<b>Pedodontics</b>	Fillings	20	10	35	21
	Extraction	3			

	Oral Prophylaxis	8			
	Fluoride Applications	4	5		
	Pulpotomy		2		
	Pulpectomy		2		
	Fabrication and insertion of space maintainers		1		
	Oral habits, breaking appliances		1		
<b>Orthodontics</b>	Removable Appliance	8		8	0
	Removable appliance and space maintainers				
	Banding and bonding procedures				
	Cold cure and heat cure acrylisation of simple orthodontics procedures				
<b>Total</b>		<b>250</b>	<b>130</b>	<b>250</b>	<b>130</b>
				<b>380</b>	

## 2.4 Teacher Quality

### 2.4.1 How does the institution plan and facilitate its faculty to meet the changing requirements of the curriculum?

The institution conducts regular CDE programs, thus enabling the faculty to keep in touch with the changes in the curriculum.

**2.4.2 Does the institution encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).**

<b>Highest qualification</b>	<b>% of faculty from the same university</b>	<b>% of faculty from other universities within the State</b>	<b>% of faculty from universities outside the State</b>	<b>% of faculty from other countries</b>
BDS	11	78	11	NIL
MDS	36	42	22	NIL
<b>Total</b>	<b>24</b>	<b>60</b>	<b>16</b>	<b>NIL</b>

**2.4.3 How does the institution ensure that qualified faculty are appointed for new programs / emerging areas of study? How many faculty members were appointed to teach new programs during the last four years?**

No new programs were introduced in the last 4 years. However, in the existing course, qualified faculty with necessary qualification and also as per Dental Council of India requirements has been recruited.

**2.4.4 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the institution?**

None, all are permanent faculty

**2.4.5 What policies/systems are in place to academically recharge and rejuvenate teachers? (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)**

The institution aid the faculty to undertake research, epidemiological surveys, attend and organize conferences. The institution provides special leave to the faculty to participate in National, International conferences, seminars and specialty training sessions.

**2.4.6 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?**

One award

Faculty	Awards / recognitions
Dr. R. Sathish Muthukumar	“BEST TEACHER AWARD”, conferred by the TamilNadu Dr. M.G.R. Medical University in 2012.

**2.4.7 How many faculties underwent professional development programs during the last four years? (Add any other program if necessary)**

Faculty Development Programs	Number of faculty attended
Induction programs	4
Re-orientation programs	6
Refresher courses	14

**2.4.8 How often does the institution organize academic development programs (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?**

Once annually

**2.4.9 Does the institution have a mechanism to retain faculty? What is the annual attrition rate among the faculty?**

Yes, the faculty is made equal stakeholders in the decision making process and apart from that institution identifies the strengths of individual faculty and accordingly gives responsibilities on those lines. An effective support mechanism to address the needs of the faculty is in place.

The attrition rate is less than 5%

**2.4.10 Does the institution have a mechanism to encourage**

- \* Mobility of faculty between institutions /universities for teaching/research?**
- \* Faculty exchange programs with national and international bodies?**

**If yes, how have these schemes helped in enriching the quality of the faculty?**

The institution encourages the faculty to take part in guest lectures, as a resource person, research scholars etc. in research and professional association meetings. This gives the faculty an exposure and thirst to update his knowledge in a sustainable basis.

At present there are no faculty exchange programs.

**2.4.11 Does the institution have well defined career advancement policy for Health Science professionals? If yes, outline the policy.**

The continuing dental education programs conducted in CDCRI help in the career advancement in higher education and placements abroad.

**2.4.12 How does the institution create synergies with other PG institutes for generating required number of specialists and super specialists?**

Institution in itself as of now has the required number of specialists and super specialists in the area of dentistry.

**2.4.13 does the institution conduct capacity building programs / courses in subspecialties for its faculty?**

At present there is only one course offered by the College. However as and when the newer courses are introduced, the above exercise will be undertaken.

**2.5 Evaluation Process and Reforms**

**2.5.1 How does the institution ensure that all the stakeholders are aware of the evaluation processes that are in place?**

During the orientation program, various evaluation methods used in the institution, and their relative significance, are fully explained to the students. In addition, all the departments, in their introductory session at the start of the respective academic year, explain the evaluative methods practiced by them. All evaluation methods used including continuous assessment throughout the year is stressed and students are informed ahead.

**2.5.2 What are the important examination reforms implemented by the institution? Cite a few examples which have positively impacted the examination system.**

The institution has a well programmed internal examination schedule that includes written, practical and clinical examination. A model examination at the end of the academic year follows the three periodical internal examinations and routine class test.

The Chettinad Dental College and Research Institute uses examination answer booklets simulating the University examination answer booklet format familiarizing the students with university material to be used.

An orientation class before the final university examination in the respective year of study is conducted by the Dental Education Unit (DEU) and the Students Counseling and Guidance Centre (SCGC). The orientation includes motivational speech by senior teachers, psychologist, alumni and senior students.

The above program helps in tuning the students for the examination and has helped the institution to achieve 100% results.

**2.5.3 What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode adopted by the institution for the publication of examination results (e.g. Website, SMS, email, etc.).**

Results of internal examination will be announced within a week of completion of examinations. The qualifying examination is conducted by the affiliated university (TamilNadu Dr. M.G.R Medical University) and results are declared following centralized valuation in the university website.

**2.5.4 How does the institution ensure transparency in the evaluation process?**

The continuous assessment and periodical assessment of students are done regularly. Student's performance and marks are appraised to parents at regular intervals in addition to motivation by faculties; parents are advised to motivate their wards to perform better.

Answer scripts of assessment examinations are made available to students and parents to ensure transparency.

**2.5.5 What are the rigorous features introduced by the university to ensure confidentiality in the conduct of the examinations?**

The university examination is conducted with a high state of confidentiality. Password protected download of question paper prior to examination, security checks at examination hall entry, invigilation by mixture of senior and junior faculty, and monitoring the examination through surveillance cameras are some of the measures taken to ensure confidentiality.

**2.5.6 Does the institution have an integrated examination platform for the following processes?**

**Pre-examination processes:** It includes the following, namely time table generation, hall ticket, OMR sheet, student list generation, invigilators, squads, attendance sheet, online payment gateway, online transmission of questions and marks, etc.

**Examination process:** Examination material management, logistics, etc.

**Post-examination process:** Attendance capture, OMR-based exam result, auto processing, result processing, certification, etc.

**2.5.7 Has the university / institution introduced any reforms in its evaluation process?**

The institution's test and internal marks are published in the department notice board along with the monthly attendance details. The same is also available online through the Learning Management System (LMS) for the parents to be aware of their wards progress periodically. Parent Teacher's meeting is organized following the publication of the internal examination results in which the student's progress is discussed in the presence of the specialty teacher and course in charge and based on which the remedial measures are instituted.

**2.5.8 What is the mechanism for Redressal of grievances with reference to examinations? Give details.**

All grievances related to the internal examinations conducted by the institution is received by the respective department and solved immediately. As the qualifying examination is conducted by the affiliating university, i.e., the Tamilnadu Dr. M.G.R Medical University, any grievance from the student is received by the office of the Dental principal, checked for the genuine reason and applications are forwarded to the concerned department of the university.

**2.5.9 Does the institution have a Manual for Examinations and if yes, does it specifically take cognizance of examination malpractices by students, faculty and non-teaching staff?**

All the internal and university examinations are conducted as per the rules and regulations of the TamilNadu Dr. M.G.R Medical University. The institution appoints a Chief Superintendent at the level of professor under whom a team of invigilators is deputed at a ratio of 1:25 students.

An ICT system with printer is available at the examination hall for the download of question papers. The Chettinad Dental College and Research Institute uses examination answer booklets simulating the University examination answer booklet during internal examinations and specific answer booklets issued by the TamilNadu Dr. M.G.R Medical University for the final university examination.

The entire hall is fixed with adequate surveillance camera that can be monitored on the screens available at the observation room. Cell phone jammer is also fixed in the examination hall to avoid malpractices. All the above facilities help the institution to conduct the examination in a fair and regularized manner free from malpractices at any level.

**2.5.10 What efforts have been made by the university to streamline the operations of the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.**

As the institution is affiliated to the TamilNadu Dr. M.G.R Medical University the operations of the qualifying examination of the respective year of the course is governed and streamlined by the office of the



controller of examinations of the above said university.

However the Dental Education Unit (DEU) of the Chettinad Dental College and Research Institute takes the responsibility of conducting the internal examinations. The Dental Education Unit (DEU) formulates the internal examination schedule, receives and publishes the portion, gets the question paper from the respective department and prints confidentially and helps in conducting the examinations.

**2.5.11 what are the efforts of the institution in the assessment of educational outcomes of its students? Give examples against the practices indicated below:**

**Compatibility of education objectives and learning methods with assessment principles, methods and practices:** The institution has a structured schedule in assessing the students by conducting periodical internal examination. The students are observed and evaluated on their practical and clinical skills. Test and viva voce examinations are conducted chapter wise and at end of the terminal. Students are assessed for their onstage presentation capacity, knowledge on a particular topic and ability to reason during the regular student's seminar program.

**Balance between formative and summative assessments:** The internal marks submitted to the university are based on the formative assessment. However the present examination system of the affiliating university gives weight-age for the summative assessment. The formative assessment system of the institution helps the students to perform well during the summative assessment.

**Increasing objectivity in formative assessments:** The objectivity of the formative assessment is increased by the following practices adopted by the institution

**Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking:** The formative assessments are based on theory/oral/clinical/practical examination. The evaluations are marked for all the courses. The PG courses will use grading system.

**Summative (theory / orals / clinical / practical):** All are followed.

**Theory – structure and setting of question papers – Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers:** Question papers including MCQ's are set by both external and internal examiners who are included in the approved panel of examiners.

**Objective Structured Clinical Examination (OSCE):** Has been tried and practiced in internal assessment examinations

**Objective Structured Practical Examination (OSPE).**

**2.5.12 Describe the methods of prevention of malpractice, and mention the number of cases reported and how are they dealt with?**

All the internal and university examinations are conducted as per the rules and regulation of the TamilNadu Dr. M.G.R Medical University. The institution appoints a Chief Superintendent at the level of professor under whom a team of invigilators is deputed at a ratio of 1:25 students.

An ICT system with printer is available at the examination hall for the download of question paper. The entire hall is fixed with adequate surveillance camera that can be monitored on the screens available in the observation room. All the above facilities help the institution to conduct the examination in a fair and regularized manner free from malpractices at any level.

**2.6. Student Performance and Learning Outcomes**

**2.6.1 Has the institution articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?**

The Graduates are trained towards necessary attributes like, professionalism, courtesy, basic ethics, empathy while treating patients, punctuality, discipline, thirst for upgrading knowledge, state of affairs within our society, etc. These are developed by faculty-student discussions during community outreach programs, clinical postings, corporate outings, seminars and workshops on personality development, etc.

Such quality attributes are monitored and observed by faculty during student posting in clinics and while treating patients.

**2.6.2 Does the institution have clearly stated learning outcomes for its academic programs/departments? If yes, give details on how the students and staff are made aware of these?**

The institution has clearly laid out the number of cases to be treated, attendance percentage, number of hours completed during clinical and community services apart from the structure of marks to be scored in the examinations in the academic calendar of the dental college website. These points are appraised to the students during orientation by the faculty during the beginning of the year. The students and faculty are informed through the website of the Tamil Nadu Dr. MGR medical university which clearly states the eligibility for procuring the hall ticket. The assignment works and internal marks constitute the formative assessment of the student. The course in charge delivers this information to the department heads and the parents through the parent teachers committee.

**2.6.3 How are the institution's teaching-learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?**

A clear road map detailing student schedules like Annual calendar, timetables, exam schedules, number of hours to be spent on each subject, number of cases to be treated are all clearly laid out for the students to follow accordingly. There is a monitoring mechanism which keeps a track of students learning activities and accordingly warns the students when there is a deviation occurring in their given schedule.

**2.6.4 How does the institution ensure that the stated learning outcomes have been achieved?**

It is measured by the examination results conducted by the institution and affiliated University. The student's clinical skills are measured by analyzing success rate of the treatment done by them, feedbacks received from the patients, collaborators of outreach program and other beneficiaries.

**CRITERIA III: RESEARCH, CONSULTANCY  
& EXTENSION**

### **CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION**

#### **3.1 Promotion of Research**

##### **3.1.1 Is there an Institutional Research Committee, which monitors and addresses issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.**

The internal review board meets periodically (once in 3 months) to scrutinize and approve proposals, identify eligible guide and monitor the research projects that are being carried out by the various departments.

The following major decisions were taken in the last year by IQAC:

- To identify faculty who are eligible to guide
- To increase the number of student ICMR projects
- To motivate faculty into research
- To conduct a workshop for the faculty on research methodology
- To identify the thrust area based on the available clinical material

##### **3.1.2 Does the institution have an institutional ethics committee to monitor matters related to the ethics of inclusion of humans and animals in research?**

All research projects are done under the concurrences of the Ethical committee of the Chettinad Academy of Research and Education for which Chettinad Dental College and Research Institute has an MOU.

##### **3.1.3 What is the policy of the university to promote research in its affiliated / constituent colleges?**

1. The institution provides financial assistance, infrastructure and encourages students and faculty to take up independent research projects.
2. The Institute encourages and assists the faculty to get extramural research grants from the various funding agencies for which Workshops like Research Methodology has been conducted for the faculty.

3. The institution grants special academic leave for the faculty members, enabling them to participate and present their research work at National and International conferences.
4. The Research publications based promotions and increments.
5. In order to promote research activity among the faculty, the Institution has made MOU with Chettinad Academy of Research and Education to use the Central Research Facility and an animal house. The animals are provided free of cost for research work. All the research activities of the university are coordinated by the Institutional Research Committee.

**3.1.4 What are the proactive mechanisms adopted by the institution to facilitate the smooth implementation of research schemes/projects?**

**a. Externally funded projects (both government and private agencies):**

- \* **Advancing funds for sanctioned projects-**
- \* **Providing seed money-**
- \* **Simplification of procedures related to sanctions / purchases to be made by the investigators.**
- \* **Autonomy to the principal investigator/coordinator for utilizing overhead charges.**
- \* **Timely release of grants.**
- \* **Timely auditing.**
- \* **Submission of utilization certificate to the funding authorities.**
- \* **Writing proposals for funding.**
- \* **Any training given for writing proposals.**

The following projects given below have been facilitated by CDCRI for submission and getting approval from ICMR. Out of 35 projects submitted 11 has been sanctioned by ICMR for funding.

<i>S.No</i>	<i>Student Name</i>	<i>Topic</i>	<i>Guide</i>	<i>Department</i>
1.	Swedheni	How confident are the Dental students in	Dr.Prabhu	Public Health

	Final year BDS	administering antibiotics for Dental procedure.		Dentistry
2.	Abinaya Chari Third year BDS	Early diagnosis of Oral mucosal lesions in prevention of Oral cancer in users of Smokesless Tobacco	Dr.P.Rajesh	Oral Surgery
3.	Anushaa.N Third year BDS	Recovery of silver and mercury from Dental amalgam scrap.	Dr.Sadasiva	Endodontics
4.	Bhagyamathivanan Third year BDS	Prevalence of oral manifestation and its relationship with Diabestes mellitus.	Dr.Noorul	General medicine
5.	Diwakar Third year BDS	Study on mean platelet volume (MPV) in type II Diabetes Mellitus	Dr.Rajesh Kanna	Pathology
6.	Keerthana Sri Third year BDS	To estimate thesalivary albumin level in recurrent apthous stomatitis.	Dr.R.Sathish Muthukumar	Oral pathology
7.	Lalitha.N.P Third year BDS	Prevalant usage of carbonated drinks by medical students.	Dr.Deepa Lakshmi	Endodontics
8.	Mayank Kumar Third year BDS	Usage of Toluidine blue in identification of a biopsy site in potentially malignant lesions.	Dr.Jagath Reddy	Oral medicine
9.	Nisha Ashifa.N Third year BDS	Salivary pH, incidence of Dental caries and Periodontal status in Diabetes mellitus.	Dr.Seetha lakshmi	Oral medicine
10.	Parvathi.V Third year BDS	Case control study of Periodontal disease and Rheumatoid arthritis.	Dr.Murugavel	Biochemistry
11.	Shiva sakthi	Evaluation of salivary pH	Dr.Senthil	Endodon

	Third year BDS	in Asthmatic patients – Invivo study.	kumar	tics
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**b. Institution sponsored projects:**

- **Proportion of funds dedicated for research in the annual budget** - Rs.1 lakhs has been apportioned for research activities for the year 2013-14.
- **Availability of funding for research /training/resources** – workshops on Research Methodology, Biostatistics, Ethics, Writing Proposals have been conducted. Apart from that material, research facilities are provided for carrying out research activities.
- **Availability of access to online data bases:** E-books, E-journals are made available for students and faculty of the institution.

**3.1.5 How is multidisciplinary / interdisciplinary / transdisciplinary research promoted within the institution?**

- \* **between/among different departments / and**
- \* **collaboration with national/international institutes / industries.**

The institution promotes multidisciplinary and interdisciplinary research projects. The research proposal is passed through the review board. The proposal with the consent from the involved disciplines is presented to the ethical committee for ethical approval. A MOU is signed between the departments to use the research facilities such as equipment, instruments, chemicals, glassware and other infrastructural requirements and study materials.

**3.1.6 Give details of workshops/ training programs/ sensitization programs conducted by the institution to promote a research culture in the institution.**

S no	Name of the Program	Name of the Department
1.	Research methodology in Dentistry	Department of Public Health Dentistry



**3.1.7 How does the institution facilitate researchers of eminence to visit the campus? What is the impact of such efforts on the research activities of the institution?**

The institution has conducted the annual conference of Indian Society of Dental Research an associate of International Association of Dental Research. During such workshops / conferences the institution has invited researchers with eminence. The faculty and students by attending such seminars are motivated to take up research projects.

***Eminent Researchers who have visited our campus –***

<b>Name of the external experts who visited our campus</b>	
Dr. Maria Fidela de Lima Navarro	President of International Association of Dental Research
Dr .S.M .Balaji	Recipient of DR. BC Roy award
Dr. Umadevi Rao, Professor, Dept. of Oral and Maxillofacial Pathology, Ragas Dental College, Chennai	Recipient of the young scientist award by TN government
Dr. Sivapathasundaram, Professor and Head, Dept. of Oral and Maxillofacial Pathology, Meenakshiammal Dental College, Chennai	Eminent researcher and former editor of the Journal Oral And Maxillofacial Pathology, Journal of Indian Dental Research Author of Shafers oral pathology
Dr. K. Rajkumar, Professor and Head, Dept. of Oral and Maxillofacial Pathology, SRM Dental College, Chennai	Editor in chief of the SRM Journal of Research in Dental Science, Author of text book of Oral Anatomy, Histology, Physiology And Tooth Morphology
Dr. Srinivas Vanaki, Professor and Head, Dept. of Oral and Maxillofacial Pathology, Dental College, Bagalkot, Karnataka	Member of Indian Association Of Oral And Maxillofacial Pathology

**3.1.8 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.**

Rs 1 lakh has been allocated for research. However the institution has provided the researchers with lab facilities, consumable and non consumable materials, technical manpower free of cost.

**3.1.9 In its budget, does the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.**

Not applicable

**3.1.10 Does the institution encourage research by awarding Postdoctoral Fellowships/Research Associateships? If yes, provide details like number of students registered, funding by the institution and other sources.**

Not applicable

**3.1.11 What percentage of faculty have utilized facilities like sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the institution monitor the output of these scholars?**

None

**3.1.12 Provide details of national and international conferences organized by the institution highlighting the names of eminent scientists/scholars who participated in these events.**

<b>NATIONAL</b>	5 <sup>th</sup> TOMA conference held at Chettinad Health City, Kancheepuram on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009.	<b>Dr. S.M. Balaji</b> , Editor of text book of Oral and Maxillofacial Surgery. <b>Dr. Sivapathasundaram</b> , Editor of Shafer book of oral pathology. <b>Dr. K. Rajkumar</b> , Editor of text book of Dental anatomy, oral histology and
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		physiology.
	<b>63<sup>rd</sup> Indian Dental Conference</b> held in Chennai on 12 <sup>th</sup> , 13 <sup>th</sup> and 14 <sup>th</sup> of February 2010.	<b>Dr. Gopikrishna</b> , author of Grossman Endodontics book.
	<b>23<sup>rd</sup> National Conference of Indian Society for Dental Research</b> held on 7 <sup>th</sup> -9 <sup>th</sup> January 2011 at Chettinad Health City	<b>Dr. Maria Fidela de Lima Navarro</b> President of international association of Dental research <b>Dr. Umadevi Rao</b> , Tamilnadu, young scientist award winner <b>Dr. S.M. Balaji</b> , Dr BC Roy awardee.

**3.1.13 Mention the initiatives of the institution to facilitate a research culture in the below mentioned areas:**

- \* **Training in research methodology, research ethics and biostatistics** - Conducted workshops in Research Methodology and Research Ethics
- \* **Development of scientific temperament.** The institution encourages the students to participate in conferences / workshops / student convention etc there by exposing the students to develop a culture towards carrying out research projects.
- \* **Presence of Medical / Bio Ethics Committee** – Available within the campus
- \* **Research linkages with other institutions, universities and centers of excellence. (national and international)** –The institution has linkages with Chettinad Academy of Research and Education.
- \* **Research programs in Basic Sciences, Clinical, Operational Research, Epidemiology, Health Economics, etc.** – The institution conducts programs on Health economics, Epidemiology, Basic sciences regularly.

- \* **Promotional avenues for multi-disciplinary, inter-disciplinary research** - The institution promotes multidisciplinary and interdisciplinary research involving two or more departments.
- \* **Promotional avenues for translational research** - Students are motivated and encouraged to undertake research programs that basically aims to take Dental medicine “from bench to bedside” or from laboratory experiments through clinical trials to point-of-care patient applications.
- \* **Instilling a culture of research among undergraduate students** - The students are encouraged to undertake short term research projects during their clinical years of study and internship program. Students study on epidemiology, patient awareness, naturopathy etc, thereby creating a culture of inquisitiveness which leads the students to undertake research programs.
- \* **Publication-based promotion/incentives** – yes, promotions and recognitions are based on the same.
- \* **Providing travel grant for attending national/international conference and workshops** – yes

#### 3.1.14 Does the institution facilitate

- \* **R and D for capacity building and analytical skills in product development like diagnostic kits, biomedical products, etc. for the national / international market** – No
- \* **Development of entrepreneur skills in health care** - at the end of internship the students through the guidance cell are explained about the various options available for them by eminent personalities in the field of dentistry, in which students are given corporate and entrepreneurial trainings.
- \* **Taking leadership role for stem cell research, organ transplantation and harvesting, Biotechnology, Medical Informatics, Genomics, Proteomics, Cellular and Molecular Biology, Nanoscience, etc.** – not applicable

#### 1.1.15 Are students encouraged to conduct any experimental research in Yoga and / or Naturopathy?

Students are encouraged to conduct experimental research in naturopathy in Dental disease.

S no	Title of the Project	Student's Name	Department Involved
1	Comparative evaluation of curcumin and chlorhexidine as a local drug delivery in the management of chronic periodontitis – a clinical and microbiological study	Hanimitha Vinodhini	Department of Periodontics
2	Comparison of the effects of chlorhexidine and green tea mouthwash on Dental plaque and gingivitis	Suganthi Vigneshwari	Department of Periodontics
3.	In vivo evaluation of herbal extract as antimicrobial agent	Abirami k	Department of Conservative dentistry and Endodontics
4.	Effect of anti inflammatory property of curcumin in periodontal disease – an observational study	Dr.Jessica	Department of periodontics

### 3.2 Resource Mobilization for Research

#### 3.2.1 How many departments of the institution have been recognized for their research activities by national / international agencies (ICMR, DST, DBT, WHO, UNESCO, AYUSH, CSIR, AICTE, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

At present a total of 35 research proposals have been submitted to ICMR and approval for 11 projects from 8 departments has been accepted. An amount of **Rs:110000/-**(Rupees one lakh and ten thousand only) have been sanctioned.

The recognition has motivated the faculty and students to excel in research projects and encourage taking up more such projects and submit to more funding agents.

**3.2.2 Provide the following details of ongoing research projects of faculty:**

	Year-wise	Number	Name of the project	Name of the funding agency	Total grant received
A. College awarded projects					
Minor projects	2013-14	1	Association of high risk HPV types with precancerous and cancerous lesions of oral cavity – A preliminary study	CARE	10,000
		2	Cytological study of potentially malignant disorders of the oral mucosa among the North Indian construction site workers in Chennai.	Self funding	
		3	Transformation of Oral hygiene among students from High school to Dental Graduation	Self funding	
		4	Evaluation of Lip print and Rugae pattern among Dental students of Chettinad Dental college, Chennai.	Self funding	
		5	Study on the prevalence of Sublingual Varices in Hypertension, Cardiopulmonary Diseases and Leg Varicosities Patients	Self funding	
Major project	2013-14	1	Living conditions, morbidity profile and healthcare seeking behavior of immigrant	Self funding	

ects			construction labour – A community based study.		
		2	Tobacco and alcohol consumption Habit among software professionals and its influential factors	Self funding	
		3	Correlation of Salivary Hydrazine Glycated Protein with HbA1c Level in Diabetes Mellitus	Self funding	
		4	Periodontal risk assessment in patients with supportive periodontal therapy	Self funding	
		5	Evaluation of oral and periodontal health status among dialysis patients	Self funding	
		6	Assessment of oral lesions and periodontal status among smokeless tobacco users	Self funding	
		7	Insulin resistance index in diabetes patients with and without periodontal disease	Self funding	
Min or Proj ects	2013-14	1	Post operative bacteremia following periodontal Surgery- a microbiological study	Self funding	
		2	Association between periodontal disease and hsCRP- a marker for cardiovascular disease	Self funding	

		3	Comparative analysis of curcumin and chlorhexidine as a local drug delivery agent- a clinical and microbiological study	Self funding	
		4	Comparison between lip prints and finger prints	Self funding	
		5	Parental attitude and awareness towards the care for their child Primary teeth	Self funding	
		6	Periodontal risk assessment for patients in supportive periodontal therapy	Self funding	
		7	Periodontal knowledge, awareness and attitude in general practitioners	Self funding	
		8	Dental Pain in Children with Intellectual Disabilities	Self funding	
		9	Attitude of general dentists towards periodontal referral	Self funding	
		10	Laser applications in mild periodontitis- a comparative study	Self funding	
		11	Patient satisfaction in Dental op	Self funding	
		12	Initiation and motivation to smoke and smokeless tobacco	Self funding	



		13	Knowledge of HIV/AIDS and attitude of Dental students	Self funding	
		14	Assessment of the prevalence of myths regarding oral health among general population	Self funding	
		15	Knowledge of Dental students and paramedical staffs about hospital waste management.	Self funding	
		16	Oral Hygiene practice among general public visiting Periodontics OP.	Self funding	
		17	Oral hygiene status among the Dental college students in Chennai	Self funding	
		18	Comparison of green tea and chlorhexidine mouth washes in the control of plaque and gingivitis	Self funding	
		19	Career choices among Dental professionals in Tamil nadu	Self funding	
		20	Periodontics as a career option for post graduation	Self funding	
		21	Gingival crevicular blood glucose a painless assessment of blood sugar	Self funding	
		22	Comparison of oral mucosal lesions and periodontal status among smokeless tobacco users and smokers	Self funding	

		23	Association of periodontitis with cognitive impairment in older adults	Self funding	
		24	Oral hygiene status among the female Dental college students in Chennai	Self funding	
		25	Periodontitis and Oral Health Impact Profile	Self funding	

**3.2.3 Does the institution have an Intellectual Property Rights (IPR) Cell?**

No.

**3.2.4 Has the institution taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?**

None at present.

**3.2.5 Does the institution have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.**

None at present.

**3.2.6 List details of**

- a. Research projects completed and grants received during the last four years (funded by National/International agencies).**
- b. Inter-institutional collaborative projects and grants received**
  - i) National collaborations**
  - ii) International collaborations**

All projects completed so far have been achieved with the help of the institutions fund. At present about 35 research proposals have been submitted for grants to ICMR of which 11 have been accepted for funding.

**3.2.7 What are the financial provisions made in the institutional budget for supporting students' research projects?**

Rs.1 lakhs has been apportioned for research activities for the year 2013-14.

**3.3 Research Facilities**

**3.3.1 What efforts have been made by the institution to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?**

The institution takes care of the total cost of the actual research like laboratory investigations, patient counseling and treatment charges for carrying out such research studies. Apart from that, the institution has tied up with CARE within the same campus for utilizing the research facilities like skills lab, research lab, apart from other department labs of the medical college.

The thrust areas are determined through the patient load (eg: precancerous lesions among migrant workers, diabetic patients coming for Dental treatment) and accordingly facilities to carry out such related activities are encouraged.

**3.3.2 Does the institution have an Advanced Central Research facility? If yes, have the facilities been made available to research scholars? What is the funding allocated to the facility?**

The institution has an MOU to utilize the Central Research Facility of Chettinad Academy of Research and Education.

**3.3.3 Does the institution have a Drug Information Centre to cater to the needs of researchers? If yes, provide details of the facility.**

The proposal to start the drug and poison information and detection center has been given and initiated by the Department of pharmacology.

**3.3.4 Does the institution provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?**

Available

**3.3.5 Does the institution have centers of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.**

The Research facilities are being upgraded on an ongoing basis as per the requirements. However, in a few years time it's the objective of the institution to gain such recognition.

**3.3.6 Clinical trials and research**

\* **Are all the clinical trials registered with CTRI (Clinical Trials Research of India)?**

\* **List a few major clinical trials conducted with their outcomes.**

NONE

**3.4 Research Publications and Awards**

**3.4.1 Does the institution publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.**

The official publication of the Chettinad Dental College and Research Institute is Chettinad Health City Medical Journal. The composition of Chettinad Health City Medical Journal includes the following

1. Dr. M. A. M. Ramaswamy, Chancellor – CARE
2. Shri M. A. M. R. Muthiah, Trustee – CARE
3. Dr. V. Raji, Vice Chancellor – CARE
4. Mr. SPK.Chidambaram, Registrar – CARE

Editorial Advisors

1. Dr. V. Raji
2. Dr. K. Ravindran
3. Dr. R. M. Pitchappan
4. Dr. P. Rajesh
5. Mrs. L. Lakshmi

Chief Editor

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Editors

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3. Dr.Pradeep G. Nayar
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#### Associate Editors

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#### Assistant Editors

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2. Dr.Ram Dhillon, Middlesex University, U K

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11. Dr.Nagajothi
12. Dr.M.Narayana Reddy

13. Dr.R.Pandurengan
14. Dr.D.Rajasekaran
15. Dr.Ramnath Shyamala
16. Dr.R.Ravi Kumar
17. Dr.A.Ruckmani
18. Dr.B.Srinivasan
19. Dr.M.S.Srinivasan
20. Dr.Vasanth N Subbiah
21. Mrs.Veena M Joseph
22. Dr.L.Uma Devi

#### IT Support and Design

1. Mr.S.M.Michael
2. Mr.S.T.Manigandan

#### Legal Support

1. Mr.Balaji

Chettinad Health City Medical Journal is a peer-reviewed journal published four times a year by the Chettinad Academy of Research and Education with the objective of providing an outlet for the following types of scientific communications:

- Reports of original research;
- Interesting case studies;
- Reviews;
- Short communications (research notes).

Besides these, the journal will also carry regular sections like latest medical news, correspondence, classroom, clinical quiz, student seminars, interviews, etc. The journal is not restricted to in-house contributions and welcomes scientific communications from other Institutions in India and abroad. However, the journal strongly discourages duplication of data already published in other journals (even when certain cosmetic changes/additions are made). Besides, the serialization of the articles by the same author is not encouraged. Manuscripts must be solely the work of the author(s) stated, must not have been previously published elsewhere, and must not be under consideration by another journal. The journal prioritizes reports of original research that are likely to change clinical practice or thinking about a disease. All papers submitted to the journal

are subject to peer review process. All accepted papers will be appropriately edited before publication. The journal follows the Uniform Requirements for Manuscripts Submitted to Biomedical Journals issued by the International Committee for Medical Journal Editors (ICMJE), and COPE (the Committee on Publication Ethics) guidelines for the code of conduct for editors.

### 3.4.2 Give details of publications by the faculty and students:

S.No	Name	Article
1.	SATISH MUTHUKUMAR	Calcifying odontogenic cyst -A Case Report. Journal of oral and maxillofacial pathology, 2004: Vol 8, Issue 2; 99-103
2.		Bilateral fusion of mandibular second premolar and supernumerary tooth – A rare case report. Journal of Oral and Maxillofacial Pathology- 2012; Vol 16: Issue 1: 128-130
3.		Dentigerous cyst associated with mandibular first premolar–A rare case report . Indian Journal of Multidisciplinary Dentistry - 2011: Vol 1(5); 296-298..
4.		Tooth fragment embedded in the upper lip after traumatic Dental injury: A case report. SRM University Journal of Dental Science, 2011: Vol-2(3); 269-271.
5.		Chemo preventive role of vitamin e – a review. SRM University Journal of Dental Science, 2011: Vol-2(3); 178-180.
6.		Biomedical waste management. SRM University Journal of Dental Science, 2011: Vol-2(2); 118-120.

<b>7.</b>		Conservative surgical management of odontogenic keratocyst – a case report. SRM University Journal of Dental Science, 2011: Vol-2(2); 146-151.
<b>8.</b>	<b>DR SANDHYA ARUNKUMAR</b>	Periostitis ossificans – radiographic study of 2 cases. International journal of Pediatric Dentistry 2006: vol 16: 59-64.
<b>9.</b>		Prevalence of developmental anomalies of tongue. Journal of Oral and Maxillofacial Pathology , Jan – June 2004: vol 8; Issue 1.
<b>10.</b>		Biomedical waste disposal in Dental clinics. Streamdent April – June 2011: vol 2: Issue 2.
<b>11.</b>		Dentigerous cyst associated with Mandibular First premolar – A rare case report. Indian Journal of Multidisciplinary Dentistry - July-Aug 2011: Vol 1: issue 5.
<b>12.</b>		Bilateral fusion of Supernumerary teeth with mandibular premolars Journal of Oral and Maxillofacial Pathology- Jan – Apr 2012: Vol 16: Issue 1.
<b>13.</b>		Effects of head and neck radiation in oral tissues- a pathologic perspective. Chettinad Health City times 2009 July – September, Volume 1, Number 3.
<b>14.</b>		Eosinophilic ulcer of tongue – a review. Chettinad Health City times 2009 Oct –Dec, Vol 1, No. 4.



<b>15.</b>	DR. Aesha	Langerhan Cell Disease of The Jaw: A Review. J Adv Med Dent Science 2013; 1(2):
<b>16.</b>		Immunohistochemical Expression of PCNA in Epithelial Linings of Selected Odontogenic Lesions. Journal of Clinical and Diagnostic Research. 2013 Nov, Vol-7(11): 2615-2618
<b>17.</b>		Taxonomy of salivary gland. Journal of clinical and diagnostic research 2014 Mar, Vol-8(3), 291-293.
<b>18.</b>		Veno-vascular malformation of lip – A case report. Annals of dental specialty (Accepted for Publication).
<b>19.</b>	Dr. K.Sriram	Odontogenic myxoma of the maxilla – a rare case report . Journal of International Oral Health (JIOH), February 2011, Vol 3, Issue 1 Page 59-61
<b>20.</b>		Thyroid carcinoma metastasizing in the mandible – A Case Report Journal of International Medical Sciences Academy (JIMSA) October – December 2011 Vol 24 Issue 4 Page 189-190.
<b>21.</b>		Angiofibroma masquerading as a cheek swelling- A diagnostic dilemma . Journal of International College of Dentists; India, Sri Lanka and Nepal Section 2011 Vol 56, No. 1 and 2, Page 56-57.
<b>22.</b>		Odontogenic myxofibroma with abundant calcifications masquerading as a fibro-osseous lesion: A diagnostic dilemma??? Indian Journal of Oral Science May-

		August 2012 Vol 3 Issue 2 Page 99-102.
23.		Dentigerous cyst with an inherent potential for excessive orthokeratinization – An unusual histopathologic variant with clinical implication. Journal of Cranio-Maxillary Diseases January 2013 vol 2 issue 1 page 49-52.
24.		A case of central giant cell granuloma involving the maxillary sinus clinically masquerading as a malignant neoplasm. Chettinad Health City Medical Journal ,January-March 2013 Vol 2, Issue 1 Page 19-22.
25.		Osteosarcoma of mandible – A case report with an early radiographic manifestation . Imaging science in dentistry (Korean Journal of Oral and MaxilloFacial Radiology) March 2014, Vol 44, No1, Page 85-88.
26.		Practical significance of utilizing fine needle aspiration cytology as an adjunct diagnostic aid in the preoperative presumptive diagnosis of ameloblastoma . Journal of Cytology October 2013 Vol 30, Issue 4 Page 247 -251
27.	Dr. Jagat Reddy	"An Unusual Site of Adenomatoid Odontogenic Tumor Presenting as Periapical (Radicular) Cyst: A Rare Case Report",2010,"Journal of Indian Association of Oral Medicine and Radiology.
28.		Staging and Medical Management of Oral Submucous Fibrosis",2012,"Journal of Scientific Dentistry
29.		Oral hamartomas with von Recklinghausen disease",2011,"Annals of Saudi medicine
30.		Prolotherapy in Temporomandibular Disorders: an Overview. Open Journal of Dentistry and Oral

		Medicine 1(2): 15-18, 2013
<b>31.</b>	Dr. S. Karpagavalli	AMELOBLATOMA / DENTOALVEOLAR ABSCESS.....? The Gregorian Voice. Journal of St.Gregorios Dental College, April 2010; vol 3: issue 1
<b>32.</b>		DENTIGEROUS CYST OF ANTERIOR PALATE – a rare entity. SMILE – IDA Journal (central Kerala branch) Dec2009 – Feb2010, vol 10; issue1.
<b>33.</b>		BISPHOSPHONATES : DENTAL CONSIDERATIONS – A REVIEW. Clinical Dentistry Dec 2011.
<b>34.</b>		Application of CBCT in dentistry JIAOMR, 23(4: P 163 - 167). OCT – DEC. 2011.
<b>35.</b>	Dr.Sivan Satish	Application of CBCT in dentistry JIAOMR, 23(4: P 163 - 167). OCT – DEC. 2011.
<b>36.</b>		Sialolithiasis: A Case report with review of literature, Indian Journal of Multidisciplinary dentistry, vol 2 issue 1: page 377-379. Nov2011 – Jan 2012.
<b>37.</b>		Oral cancer- a haunting disease. KLR's Getting Research into Practice – GRIP. April – June 2012 – Vol 1: Issue 1.
<b>38.</b>	Dr. R. Christeffiabel	Ranula – A Case Report . Journal of Indian Academy of Dental Specialists, Vol.1 Issue -3, (Jul. – Sep. ) 2010 : 52-53.
<b>39.</b>		Cervical Lymphadenopathy- A Review. Journal of Indian Academy of Dental Specialists Vol-2, Issue-1, (Jan-Mar) 2011:31-33 Adenoid Cystic Carcinoma – A Solid Variant- Case .Report. Journal of Indian Academy of Dental Specialists , Vol-2, Issue-3, (July-Sep). 2011, 191-

		195.
40.		Burning Mouth Disorder. Journal of Indian Academy of Oral Medicine and Radiology. Vol.24,Issue : 3, (July-Sep) 2012; 213-216
41.	Dr.C. Seethalakshmi	Fibrous Dysplasia of the Maxilla – Report of two Cases with review. Indian Journal of Multidisciplinary Dentistry, Vol 1, Issue 2, Jan – feb 2011.
42.		Developmental Bone Defect of the Mandible – An Incidental Radiographic Finding. Indian Dentist Research and Review, Vol 5, Issue 11, July 2011.
43.		Dental and Skeletal Abnormalities in Apert Syndrome – A Case Report and Review of the Literature. National Journal of Basic Medical Sciences (Indexed), Vol 2, Issue 2 October – December 2011.
44.		Literature Review of Amelogenesis Imperfecta with Case Report. Journal of Indian Academy of Oral Medicine and Radiology, Vol 24, Issue 1, Jan – March 2012.
45.		Early Detection of Oral Squamous Cell Carcinoma (Osc) – Role of Genetics: A Literature Review. Journal of Clinical and Diagnostic Research (pub med indexed), Vol-7(8): 1824-1826, Aug 2013
46.	Dr Joe Louis.C	Nayak UA, Louis J, Sajeer R, Peter J. Band and loop space maintainer - Made Easy. JISPPD September (2004); 22 (3): 134- 136.
47.		Poovelil MK, Venugopal Reddy N, Arun Prasad Rao V, Louis J. Computed tomography) and conventional radiography as diagnostic tools in dentistry. Kerala Dent J 2008; 31(2): 35-6.
48.		Joe Louis. Why do dentists get caries. Newsletter. Condentaire 2004.

<b>49.</b>		Oral Lymphangioma as multiple papular lesions of pulp – A case report. Hong Kong Dent J 2011;8:107-10.
<b>50.</b>		Punithavathy, Esther nalini, Geetha priya, Rachuri Narendra kumar, Joe louis.C. A greater focus on the knowledge and attitude on the management of children with special needs among primary Dental care providers. Journal of Indian association of public health dentistry. Volume 2011. Issue 18 suppl III
<b>51.</b>		Daya Srinivasan, Senthil Aegappan A.R, Joe Louis.C. Management of persistent non nutritive sucking habit. Chettinad Health City Medical Journal. Volume -1, Number - 2, April - June 2012.
<b>52.</b>	Dr Senthil.D	Arun Prasad, Jayanthi.M, Elizabeth Joseph, D.Senthil. The Remineralization potential of CCP-ACP (GC tooth Mousse) and TCP with 0.21% W/w sodium fluoride Anti cavity paste (Clinpro tooth Crème) on artificial caries-like subsurface lesions in Primary and Permanent teeth- An invitro study. Journal of Indian Society of Public Health Dentistry. Volu 2011. Issue 18. suppl III
<b>53.</b>		Madhavan .V ,Jayanthi. M, Elizabeth Joseph, D.Senthil.Oral health status of children with cardiac disease and the awareness attitude and knowledge of their parents. Journal of Indian Society of Public Health Dentistry. Volu 2011. Issue 18. suppl III
<b>54.</b>	Dr Daya Srinivasan	Daya Srinivasan, M. Jayanthi. Comparative evaluation of formocresol and mineral trioxide aggregate as pulpotomy agents in deciduous teeth. Indian journal of Dental research 2011; 22(3): 385 – 390
<b>55.</b>		Daya Srinivasan, Jayanthi M, Nilaya Reddy. Fibrous Dysplasia of maxilla. SRM university journal of Dental Sciences. Volume 1 issue 1

		January-March 2012.
<b>56.</b>		Daya Srinivasan, Senthil Aegappan A.R, Joe Louis.C. Management of persistent non nutritive sucking habit. Chettinad Health City Medical Journal. Volume -1, Number - 2, April - June 2012.
<b>57.</b>	Dr Senthil Aegappan	Prasad Rao VA, Reddy NV, Krishnakumar, Sugumaran DK, Mohan G, Senthil Eagappan AR Primary double tooth with partial anodontia of permanent dentition – A case report. Journal of Clinical and Experimental Dentistry 2010; 2(2): 99-101
<b>58.</b>		Daya Srinivasan, Senthil Aegappan A.R, Joe Louis.C. Management of persistent non nutritive sucking habit. Chettinad Health City Medical Journal. Volume -1, Number - 2, April - June 2012
<b>59.</b>	Dr.Anitha	Papillon-Lefevre syndrome - Evidence based report. Pakistan Oral and Dental Journal 2008; 27:175-178.Dr.Bhavana, Dr.V.Anitha, Dr.R.Vijavalakshmi, Dr.T.Ramakrishnan, Dr.Vikram Bali.
<b>60.</b>		Double lateral sliding bridge flap for the coverage of denuded roots: two case reports. PERIO-Periodont Pract Today 2008
<b>61.</b>		Is there an association between periodontal disease and acute mvocardial infarction? – A cross-sectional study. Periodontal practice today 2008; 5 (1): 57-63. Dr.R.Vijavalakshmi, Dr.T.Ramakrishnan, Dr.N.Ambalavanan, Dr.Pamela Emmadi, Dr. R.Saravana Kumar, Dr. V.Anitha, Dr.Bhavana.
<b>62.</b>		Photodvnamic therapy- A Review - ISP-2006 - Dr.V.Anitha, Dr. T.Ramakrishnan, Dr. P. Aravind Kumar
<b>63.</b>		Double laterally repositioned flap for root coverage

		- a report of two cases. Journal of Indian society of periodontology Aug 2008 Dr. V. Anitha, Dr.T.Ramakrishnan, Dr. Aravind
<b>64.</b>		Management of furcation defect by bicuspidization - a case report – In JIDA2008; 2: 69 70. Dr.R.Vijavalakshmi, Dr.T.Ramakrishnan, Dr.V.Anitha, Dr. R.Saravana Kumar, Dr.Biju Mammen, Dr.Vikram Bali.
<b>65.</b>		Melanin depigmentation of the gingiva- three case reports- Kerala Dental journal2007, Dr.V.Anitha, Dr.T.Ramakrishnan, Dr.P.Aravind Kumar, Dr.R.Vijavalakshmi.
<b>66.</b>		Effect of external beam radiotherapy on the oral cavity and the periodontium - Kerala Dental journal 2007 - Dr.R.Vijayalakshmi, Dr.V.Anitha, Dr.Biju Mammen,Dr.T.Ramakrishnan, Dr.R.Saravanakumar
<b>67.</b>		Periodontal status of cleft lip and palate patients - a case series. JIAPHD Nov 2007;10:81-89.Dr.Uma Sudhakar, Dr.Ramesh Babu,Dr.Pamela Emmadi, Dr. R.Vijayalakshmi, Dr.V.Anitha, Dr.Bhavana.
<b>68.</b>		Occurrence of gingival overgrowth in post renal transplant patients treated with cyclosporine -A and its possible associations with periodontal and pharmacological Variables .JIAPHD Nov 2007; 10: 90-Dr.V.Anitha,Dr.Srilakshmi, Dr.T.Ramakrishnan, Dr.Pamela Emmadi, Dr.N.Ambalavanan.
<b>69.</b>		Periodontal vaccines- An overview. JIAPHD Nov-2007; 10:96100. Dr.Bhavana, Dr.V.Anitha, Dr.Uma Sudhakar, Dr.R.Vijayalakshmi.
<b>70.</b>		A cross sectional study on prevalence and determinants of Dental caries among school children of Padur – Journal of Indian Association of Public Health Dentistry-Vol:2011; Issue:18

<b>71.</b>		A cross sectional study of awareness of Dental hygiene among school children in Chennai- Journal of Indian Association of Public Health Dentistry Vol:2011; Issue:18.
<b>72.</b>		Obesity and Periodontics-review- Indian Journal of Multidisciplinary dentistry-2012.
<b>73.</b>		“Clinical Evaluation of Alloderm For Root Coverage and Colour Match”- Journal of Indian Society of Periodontology (Indexed in Pubmed) – April-June-2012:Vol:16; Issue-2
<b>74.</b>		Esthetic management of gingival recession using GTR membrane with osteoinductive bone graft matrix-a case report. Pondent Journal-2012
<b>75.</b>		Prevalence of Malocclusion and its correlation with incidence of caries and periodontal disease-The Journal of the Indian association of public health dentistry Vol: 2011; Supple: III; Issue: 18; 999-1003.
<b>76.</b>		Evidence-based periodontal therapy: An overview. R Vijayalakshmi, V Anitha, T Ramakrishnan, Uma Sudhakar. Journal of Indian Society of Periodontology 2009;12(3):62
<b>77.</b>		Double Laterally Rotated Bilayer Flap Operation for Treatment of Gingival Recession-A Report of Two Cases. V Anitha, R Vijayalaskhmi, J Bhavna, T Ramkrishnan, Vikram Bali. Journal of the Indian Dental Association 2008;
<b>78.</b>		Diabetes and Dental diseases. Dr.B.Meena Priya, Dr.V.ShivaKumar, Dr.V.Anitha, Dr.M.Shanmugam. Chettinad Health City Medical Journal 2013
<b>79.</b>		Dental Implants with Simultaneous Guided Bone Regeneration. Dr.V.Anitha, Dr.V.Shivakumar,



		Dr.M.Shanmugam, Dr.R.Saravanakumar. Chettinad Health City Medical Journal 2013
80.		<u>A Rare Combination of Aggressive Periodontitis with Multiple Impacted Supernumerary Teeth.</u> Dr. Shanmugam M, Dr. Anitha V, Dr. Shivakumar V, Dr. Meena Priya B. Chettinad Health City Medical Journal July - September 2013; Volume -2, Number – 3:96-98.
81.		The frequency of medically compromised patients visiting Chettinad Dental college and research institut kanchipuram district. a retrospective study . Chettinad health city Medical Journal 2014
82.		“Clinical and Histological Evaluation of two Dressing Material in the Palatal Wound Healing”- Journal of Indian Society of Periodontology Vol 14; Issue 4; Oct-Dec-2010, 241-244).
83.		“Clinical Evaluation of Alloderm For Root Coverage and Colour Match”- Journal of Indian Society of Periodontology (Indexed in Pubmed) – April-June-2012:Vol:16; Issue-2
84.	Dr Shanmugam	Esthetic management of gingival recession using GTR membrane with osteoinductive bone graft matrix-a case report. (Pondent Journal-2012)
85.		A cross sectional study on prevalence and determinants of Dental caries among school children of Padur – (Journal of Indian Association of Public Health Dentistry-Vol:2011; Issue:18).
86.		A cross sectional study of awareness of Dental hygiene among school children in Chennai- (Journal of Indian Association of Public Health Dentistry Vol:2011; Issue:18).
87.		Prevalence of Malocclusion and its correlation with incidence of caries and periodontal disease-The Journal of the indian association of public health

		dentistry-Vol:2011;Supple:III;Issue:18; 999-1003.
<b>88.</b>		Management of periapical lesion using autologous growth factors and osteoinductive bone graft with guided tissue regeneration –a case report. (Streamdent Journal-2011)
<b>89.</b>		Scope of photodynamic therapy in Periodontics and other fields of dentistry-Journal of Interdisciplinary Dentistry/May-Aug 2012/Vo-2/Issue-2; 78-83
<b>90.</b>		Aesthetic replacement of missing tooth using fiber splint-a case report-Chettinad Health City Medical Journa-vol 1; No 1; 31-33;Jan-March-2012.
<b>91.</b>		Relationship Between Osteoporosis and Periodontitis- Chettinad Health City Medical Journa-vol 1; No 1;Jan-March-2012.
<b>92.</b>		Diabetes and Dental diseases. Dr.B.Meena Priya, Dr.V.ShivaKumar, Dr.V.Anitha, Dr.M.Shanmugam. Chettinad Health City Medical Journal 2013
<b>93.</b>		Dental Implants with Simultaneous Guided Bone Regeneration. Dr.V.Anitha, Dr.V.Shivakumar, Dr.M.Shanmugam, Dr.R.Saravanakumar. Chettinad Health City Medical Journal 2013
<b>94.</b>		A Rare Combination of Aggressive Periodontitis with Multiple Impacted Supernumerary Teeth. Dr. Shanmugam M, Dr. Anitha V, Dr. Shivakumar V, Dr. Meena Priya B. Chettinad Health City Medical Journal July - September 2013; Volume -2, Number – 3:96-98.
<b>95.</b>		The frequency of medically compromised patients visiting Chettinad Dental college and research institut kanchipuram district. a retrospective study . Chettinad health city Medical Journal 2014
<b>96.</b>	Dr B Meena Priya	Dr.Meena Priya,Dr.Anitha, Dr.Shivakumar, D.Shanmugam.Diabetes and Dental diseases.

		Chettinad Health City Medical Journal 2013
<b>97.</b>		Dr.Meena Priya, Dr.Aruna.Dr.Sandeep-Drugs inhibiting Periodontal bone loss.Bangalore Dental Journal 2013
<b>98.</b>		Meena Priya Pranitha Kangondhi, Manjunath,Sowmya. Cellular capillary haemangioma: A case report. Karnataka State Dental Journal 2013
<b>99.</b>		S Shetty, V Pitti, CL Satish Babu, Meena PriyaRestoration of anterior missing teeth using computer-aided manufacturing CAD/CAM zirconia restoration: A multidisciplinary report Journal of Interdisciplinary Dentistry 2012; 2 (1), 35
<b>100</b>		A Rare Combination of Aggressive Periodontitis with Multiple Impacted Supernumerary Teeth. Dr. Shanmugam M, Dr. Anitha V, Dr. Shivakumar V, Dr. Meena Priya B. Chettinad Health City Medical Journal July - September 2013; Volume -2, Number – 3:96-98.
<b>101</b>		The frequency of medically compromised patients visiting Chettinad Dental college and research institut kanchipuram district. a retrospective study . Chettinad health city Medical Journal 2014
<b>102</b>		An innovative combined three dimensional augmentation of alveolar ridge using Titanium Mesh, PRF and autogenous bone graft with implant placement- a case report. Vinayak S Gowda, Dr.Meena priya. Chettinad health city Medical Journal 2014
<b>103</b>		A critical review of bisphosphonates in periodontics. JIDAT 2013
<b>104</b>	Dr.Anupama Ramachandran	The effect of two different types of fibers on the fracture resistance of endodontically treated molar teeth restored with composite resin.

		<p>Hidayathulla Sulthan ibrahim raja khan, Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar, J Adhes Dent. 2013Apr;15(2):167-71. Dentistry</p>
105		<p>The efficacy of pre-operative oral medication of Paracetamol, Ibuprofen and Aceclofenac on the success of maxillary infiltration anaesthesia in patients with irreversible pulpitis: a double-blind, randomized controlled clinical trial</p> <p>Ramachandran Anupama, Hidayathulla Sulthan ibrahim raja khan, Mohanavelu Deepalakshmi, Kumarappan senthil kumar.</p> <p>Journal of conservative dentistry 2012, vol-14 , issue -4 ,310-314</p>
106		<p>The mandibular first molar with three canals in the mesial root – A case report</p> <p>Mohanavelu Deepalakshmi, Ramachandran Anupama, Hidayathulla Sulthan Ibrahim, Kumarappan Senthil kumar.</p> <p>J Clin Diagn Res. 2013 March; 7(3): 601–603.</p>
107		<p>Evaluation of pH and calcium ion release of mineral trioxide aggregate and a new root-end filling material</p> <p>Hidayathulla Sulthan ibrahim raja khan, Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar.</p> <p>E-Journal of dentistry 2012;2:2,166-169</p>

108		<p>The efficacy of pre-operative oral medication of Ibuprofen and Tenoxicam on the success of inferior alveolar nerve block in patients with irreversible pulpitis: a double-blind, randomized controlled clinical trial</p> <p>Hidayathulla Sulthan ibrahim raja khan , Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar.</p> <p>Journal of conservative and endodontic society of kerela.. October issue, vol 2, 74-76,2011</p>
109		<p>Diagnosis and treatment planning using rapid prototyping technology in surgical endodontics.</p> <p>J Contemp Dent: 2013;3(3):147-50</p>
110	Dr. K Sadasiva	<p>Comparative study of surface finish of conventional glass ionomer cement with fast setting glass ionomer cement -In vitro study.</p> <p>Journal of conservative dentistry – 1999 Vol 2, no 2.</p> <p>Authors: Dr. k.sadasiva, Dr .c.v. Subba rao , Dr .D. Kandaswamy</p>
111		<p>Bilateral fusion of mandibular 2nd premolar with supernumerary tooth. A rare case report - Journal of oral and maxillofacial pathology.</p> <p>Authors: Dr R. satish muthu kumar, Dr. K. Sadasiva , Dr. Sandhiya arun kumar.JOMFP, Jan- Apr 2012.</p>
112		<p>surface microhardness and scanning electron micrograph of white mineral trioxide aggregate in the</p>

		presence of acidic PH , The journal of conservative and endodontic society of kerala, april 2012, vol .2- issue no 1.
113	Dr. Deepalakshmi M	Evaluation of the antibacterial and physical properties of glass ionomer cements containing chlorhexidine and cetrimide: An in-vitro study Mohanavelu Deepalakshmi, Saravanan Poorni, Revathi Miglani, Indira Rajamani, S Ramachandran IJDR 2010 volume-21,issue-4, 552-25
114		Spiral CT diagnosis and endodontic management of an anatomically variant palatal root with two canals in a maxillary first molar.  Mohanavelu deepalakshmi, Revathi Miglani, Rajamani Indira, S Ramachandran Year : IJDR 2010   Volume : 21   Issue : 3   Page : 443-445
115		Aberrant Canal Configuration of The Maxillary First Molar: A Case Report Mohanavelu Deepalakshmi, Meenakshi Sundaram Rajasekaran, Anil Kumar, Rajamani Indira, S. Ramachandran JCDR 2011   Month : November   Volume : 5   Issue : 7   Page : 1483 – 1485
116		A questionnaire survey of rubber dam usage amongst subpopulation of Indian dentists. Mohanavelu Deepalakshmi, Ramachandran Anupama, Hidayathulla Sulthan Ibrahim, Sadasiva Kumarappan Senthil kumar, journal of oral health and preventive dentistry (under review).
117		Independent and Confluent Middle Mesial Root Canals in Mandibular First Molars: A Report of Four Cases. Mohanavelu Deepalakshmi, Chellasamy Savarimala Karumaran, RevathiMiglani, and Rajamani Indira, Case Reports in Dentistry.2012, may issue

118		The Mandibular First Molar with Three Canals in the Mesial Root- A Case Report. Mohanavelu Deepalakshmi, Ramachandran Anupama, Hidayathulla Sulthan Ibrahim, Kumarappan Senthil kumar, J Clin Diagn Res. 2013 March; 7(3): 601–603.
119		The efficacy of pre operative oral medication of Ibu profen and tinoxicam on the success of inferior alveolar nerve block in patients with ir reversible pulpitis- a double blind . randamised controlled clinical trial Hidayathulla Sulthan ibrahim raja khan , Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar, Journal of conservative and endodontic society of kerela.. October issue, vol 2, 74-76,2011
120		The efficacy of pre operative oral medication of paracetamol, Ibu profen and aceclofenac on the success of maxillary infiltration anesthesia in patients with ir reversible pulpitis- a double blind . randamised controlled clinical trial Ramachandran Anupama, Hidayathulla Sulthan ibrahim raja khan, Mohanavelu Deepalakshmi, Kumarappan senthil kumar. Journal of conservative dentistry 2012, vol-14 , issue -4 ,310-314
121		The effect of two different types of fibers on the fracture resistance of endodontically treated molar teeth restored with composite resin. Hidayathulla Sulthan ibrahim raja khan, Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar, <u>J Adhes Dent.</u> 2013 Apr;15(2):167-71.
122		Evaluation of ph and calcium ion release of mineral trioxide aggregate and a new root end filling material. E-Journal of dentistry 2012;2:2,166-169 Hidayathulla Sulthan ibrahim raja khan , Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar..

<b>123</b>	Dr.Sridharan R, Professor	tissue response to Dental casting alloya. An invitro study. Journal of Indian prosthodontic society-supplement 1.
<b>124</b>		Preparation and use of fibrin composite as a hard tissue graft material, an animal study. International journal of Prosthodontics and restorative dentistry 2011;1(2)
<b>125</b>		Combination syndrome. International journal of Prosthodontics and restorative dentistry. 2012:2 (4),156-60.
<b>126</b>		Prosthodontic correction of midline diastema. Chettinad Health City Medical Journal, , Volume -1, Number - 3, July - September 2012.
<b>127</b>	Dr. Khalid Ghiaz. Reader	Periodontal disease in asian- Indian diabetics. Int J Dev Couteries 2011, vol 21
<b>128</b>		Is fasting blood glucose an diagnostic marker for diabeties. Journal of basic medical and allied sciences 2011:1
<b>129</b>	Dr. Saritha M.K. Senior lecturer	An in vitro study to investigate the flexural strength of conventional heat polymerised denture base resin with addition of different percentage of aluminium oxide powder. Asian J Med Cli Sci  May -Aug 2012  Vol-1   Issue- 2, 80-85
<b>130</b>		Virtual articulator. An future oriented technology, Asian J Med Cli Sci  May -Aug 2012  Vol-1   Issue- 2,98-101.
<b>131</b>		Prosthodontic correction of midline diastema. Chettinad Health City Medical Journal, Volume -1, Number - 3, July - September 2012.



132		Prosthetic Management of Flabby ridge – ‘Clinical report ’ StreamDent vol 3; issue(1): March 2012
133	Dr. Deepak K. Senior lecturer	Comparative evaluation of effect of laser on shear bond strength of ceramic bonded with two base metal alloys: an in-vitro study. Indian J Dent Res. 2013 Sep-Oct;24(5):610-5.
134	Dr. S. Prabhu	Prabhu S, Joseph John, Saravanan S and Meignana Arumugam I. Prosthetic status and treatment needs of institutionalised elders of age 60 years and above in Chennai. Journal of Indian Association of Public Health Dentistry 2011; 18(1): 426-430.
135		Prabhu S, Joseph John and Saravanan S. Knowledge, Attitude and Perceived barriers towards Practice of Evidence Based Dentistry among Indian postgraduate Dental students.” IOSR Journal of Dental and Medical Sciences 2012; 2(1):46-51.
136		Prabhu S, Joseph John. Dental caries prevalence among 12-year old children from urban and rural areas in Tamil Nadu, India – A Comparative study. e-Journal of Dentistry 2013; 3(1):326-30.
137		Prabhu S, Joseph John and Saravanan S. Perceived Competency towards Dental Practice among Interns of various Dental Colleges in India. Journal of Education and Ethics in Dentistry 2012;2(1):33-39.
138		Prabhu S, Joseph John and Saravanan S. Prevalence of Dental Caries, Dental Fluorosis and its Impact on the Quality of Life of 12 year old children in India. Chettinad Health City Medical Journal 2013;2(3):74-79.
139	Dr Venkateswaran	Treatment of an adult with a periodontally compromised skeletal class II malocclusion; World

		journal of Orthodontics; Volume.10, No.3; 2009
140		Effect of 3 adhesion boosters on shear bond strength of new and rebonded brackets- An in vitro study; World Journal of orthodontics; Volume 11; no.3; 2010
141		Camouflage treatment for class II division 2 malocclusions - A case report; Journal of Asia Pacific Orthodontic Society; Volume 2; Number 1; February 2011
142		En masse retraction using skeletal anchorage in the tuberosity and retromolar region; Journal of clinical orthodontics; Volume 45, No.5; 2011
143		Comparison of 2 imaging programs in predicting the soft tissue changes with mandibular advancement Surgery; Volume 12; Number 4; 2011
144		Article review compilation- Journal of Indian Orthodontic Society; Volume43; Number 4; Oct-Dec 2009 Pages 57-60
145		Prevalence and prevention of Dental caries and gingivitis in patients undergoing orthodontics; Journal of the Indian Health of Public Dentistry; Volume ; issue no18, supplement 111, 2011, Pages- 938-940
146		Skeletal anchorage using mini-implants in the maxillary tuberosity region; Journal of Indian Orthodontic Society; 2013; 47(4);217-224.
147	Dr.Saravana Kumar	Prevalence of Malocclusion and its correlation with Incidence of Caries and Periodontal Disease - Journal of the Indian association of public health dentistry vol: 2011 issue: 18 suppl. 3, pg 999
148		Correction of class III with asymmetry- A case report –STREAMDENT Vol 02,Issue 04 October-December 2011

<b>149</b>		Diode Lasers applications in orthodontics: Case Series IDA Journal of Mahaboob nagar, Vol 4, Issue 2, Oct 2011.
<b>150</b>		Diagnosis and Management of Temporomandibular Joint Disorders-What the Medical and Dental practitioners should know Chettinad Health City Medical Journal Indexed. Volume -2, Number - 2, April - June 2013
<b>151</b>	Dr Annamalai	Comparison of Shear Bond Strength of Three Different Company Composites Cured with Plasma Arc Curing Light and a Conventional Tungsten-Quartz-Halogen Curing Light: An in vitro Study Indian Journal of Multi Disciplinary Dentistry May – June 2011.
<b>152</b>		COMPARISON OF FRICTIONAL RESISTANCE OF AESTHETIC AND SEMI AESTHETIC SELF LI GATING BRACKETS , Volume 2 (2011 - 2012) - Issue 4 Indian Journal of Multi Disciplinary Dentistry (Aug 2012-Oct 2012)
<b>153</b>		Diagnosis and Management of Temporomandibular Joint Disorders-What the Medical and Dental practitioners should know. Chettinad Health City Medical Journal Indexed Volume -2, Number - 2, April - June 2013
<b>154</b>	Dr Divya	Prevalence of Malocclusion and its correlation with Incidence of Caries and Periodontal Disease - Journal of the Indian association of public health dentistry vol: 2011 issue: 18 suppl. 3, pg 999
<b>155</b>		Diagnosis and Management of Temporomandibular Joint Disorders-What the Medical and Dental practitioners should know Chettinad Health City Medical Journal Indexed. Volume -2, Number - 2, April - June 2013
<b>156</b>	Dr Yamini	Diagnosis and Management of Temporomandibular

		Joint Disorders-What the Medical and Dental practitioners should know Chettinad Health City Medical Journal Indexed. Volume -2, Number - 2, April - June 2013
157	Dr.Senthil Kumar.K	Comparison of stress in the root canal with use of stainless steel and NITI spreaders FEM – study. JIDA – 2001
158		Role of Povidone-Iodine in Periapical Surgeries : Hemostyptic and Anti-inflammatory - A Pilot Study. Annals of maxillofacial Surgery Dec 2011
159		The efficacy of pre-operative oral medication of Ibuprofen and Tenoxicam on the success of inferior alveolar nerve block in patients with irreversible pulpitis: a double-blind, randomized controlled clinical trial Hidayathulla Sulthan ibrahim raja khan , Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar,  Journal of conservative and endodontic society of kerela.. October issue, vol 2, 74-76,2011
160		The effect of two different types of fibers on the fracture resistance of endodontically treated molar teeth restored with composite resin.  Hidayathulla Sulthan ibrahim raja khan, Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar, J Adhes Dent. 2013Apr;15(2):167-71. Dentistry

161		<p>The efficacy of pre-operative oral medication of Paracetamol, Ibuprofen and Aceclofenac on the success of maxillary infiltration anaesthesia in patients with irreversible pulpitis: a double-blind, randomized controlled clinical trial</p> <p>Ramachandran Anupama, Hidayathulla Sulthan ibrahim raja khan, Mohanavelu Deepalakshmi, Kumarappan senthil kumar.</p> <p>Journal of conservative dentistry 2012, vol-14 , issue -4 ,310-314</p>
162		<p>The mandibular first molar with three canals in the mesial root – A case report</p> <p>Mohanavelu Deepalakshmi, Ramachandran Anupama, Hidayathulla Sulthan Ibrahim, Kumarappan Senthil kumar,</p> <p>J Clin Diagn Res. 2013 March; 7(3): 601–603.</p>
163	Dr.Rajesh	<p>Clinical Evaluation of Altered Sensitivity of the Infra – Orbital nerve following fractures of Zygomatico-Maxillary Complex .journal of the Indian Dental Association - .June1998 Vol. 69, No: 6.</p>
164		<p>Postero lateral tongue flaps in the repair of palatal fistula. Indian journal of oral and Maxillo -- facial Surgery. 15: June 2000,5-7.</p>
165		<p>An Evaluation of sensory disturbances following orthognathic surgery Indian journal of oral and Maxillo- facial surgery 15.June 2000. 5-7.</p>
166		<p>Epidemiology of cleft lip and cleft palate journal of Indian Orthodontic Society.</p>

		2000: 33:17-21.
167		An Evaluation of Neuro sensory disturbances following orthognathic Surgery Journal of-Indian dental Association. Nov-Dec 2000 Vol: 71.287-288
168		A Clinical Profile to assess the potential risk for cleft lip and palate. Journal of Indian society for Pedodontics and preventive dentistry. December 2000.147-150.(Indexed)
169		Orthodontic leadership in cleft lip and palate Management. Journal of Indian Orthodontic society.2000. 33:1-1
170		A Comparison between Radiography and Ultrasonography in the Diagnosis of Zygomatic Arch Fracture. IJDRVol. 14,No2. Apr.-June.2003.75-79 (Indexed)
171		A study on mandibular reconstruction. Journal of Maxillofacial and Oral Surgery2003 Vol. No.2,28 - 33
172		Patients Perspectives following Orthognathic Surgeries Journal of Maxillofacial and Oral Surgery 2003 Vol.2, No.2.16 - 18
173		Ultrasonographic evaluation during reduction of isolated fracture of zygomatic Arch. Journal of Maxillofacial and Oral Surges 2002 Vol. 17.No.3,83-84
174		Cleido-cranial dysplasia- A case report. Journal of Maxillofacial and Oral Surgery 2003 Vol.2. No.1. 30 -31
175		Pagets disease -2 case reports.Journal of Maxillofacial and Oral Surgery 2003 Vol. 3. No. 1. 45-47
176		Surgical correction of unilateral cleft lip and palate Journal of maxilo facial and Oral surgery 2003 Vol.2.No.3.7-9
177		A Clinical Profile to Asses the Etiology of TM Joint Ankylosis.

		IJDR. Vol. 14. No.4. December 2003. 301 - 304 (Indexed)
178		Epidemiology of cleft and cleft palate in south Indian population. Journal of the. Indian Association of Public Health Dentistry, Vol 2003 - 2004, 6 - 8
179		Pycnodysostosis –Two Case Reports. Journal of Maxillofacial and Oral Surgery 2004 Vol 3. No. 1. 18 -9
180		Cleidocranial Dysplasia report of two cases. Journal of Oral and Maxillofacial Pathology. Vol.8. No. I. Jan-Jun 2004. 32 -34
181		Comparison of morbidity following removal of mandibular 3 <sup>rd</sup> molar by lingual split, surgical bur and simplified split bone technique Indian Journal of Dental Research 18 (1) 2007, 15-18(Indexed)
182		Dentigerous cyst associated with an ectopic 3 <sup>rd</sup> molar in the maxillary sinus –A rare entity. Indian Journal of Dental Research 18 (3) 2007.141 -143(Indexed)
183		Correlations of clinical and MRI findings of temporomandibular joint Internal derangement - Indian Journal of Dental Research 17 (1) 2006,22-26(Indexed)
184		Comparative evaluation of clinical examination. and USG in detecting cervical lymph node metastasis in oral cancer. Indian .Journal of Maxillofacial and Oral Surgery. Vol.4. 2007.
185		Management of thoracic duct in left side neck dissection - Abstracts of the 18 <sup>th</sup> ICOMS in the international journal of oral and maxillofacialsurgery. Vol 36. No.11. November 2007 (02.26) Page No. 980. (Indexed)
186		Management of neck (elective dissection) contrast between tongue and cheek in early stage cancer - Abstracts of the 18 <sup>th</sup> ICOMS

		in the International Journal of Oral and Maxillofacial Surgery. Vol 36, No.11 November 2007 (02.41) Page No. 983. (Indexed)
187		Incidence of postoperative nausea and vomiting in elective oral and maxillofacial surgical procedure- Abstracts of the 18 <sup>th</sup> ICOMS in the international journal of oral and maxillofacial surgery. Vol36. No.11.November 2007 (11.30) Page NO.1030. (Indexed)
188		Combined multidisciplinary approach in oral Cancer- Abstracts of the 18 <sup>th</sup> ICOMS in the international journal of oral and maxillofacial surgeries. Vol36. No 11. November2007(P9) Page No.1056.(Indexed)
189		Management of eye in maxillary tumours- Abstracts of the 18 <sup>th</sup> ICOMS in the international journal of oral and maxillofacial surgery Vol 36, No.1 I. November 2007 (P 18) Page No.1088(Indexed)
190		Calcinosis cutis - unique case report- Abstracts of the 18 <sup>th</sup> ICOMS in the international journal of oral and maxillofacial surgery. Vol 36, No.11, November 2007 (P 72) Page No.1097. (Indexed)
191		Correlation of clinical and MRI findings in TMJ internal derangements - Abstracts of the 15 <sup>th</sup> ICOMS in the international journal of oral and Maxillofacial surgery. Vol36. No.11. November 2007 (P 84) Page No.1099. (Indexed)
192		Role of povidone iodine in periapical surgeries Hemostyptic and anti inflammatory? Vol:2 Issue :1 July to



		December 2011 Annals of Maxillo-facial surgery.
193		Obstructive Sleep apnea Maxillo facial surgeons perspective Chettinad health city medical journal.Vol.1 No.3 September 2012
194	<b>Dr.Ashwath</b>	Site based plaque removal efficacy four branded tooth brushes and the effect of dental floss in inter proximal plaque removal- a randomized examiner blind control study.Quintessence International 2014; 45:577-584
195		Self perceived halitosis and oral hygiene habits in undergraduate dental Students.Journal of Indian society of Periodontology 18(3): 357-360
196		Resective procedures in the management of mandibul molar furcation Involvement. Journal of Interdisciplinary dentistry 20 4:41-45
197		Mandibular symphysis graft for ridge augmentation. International journal of clinical cases and investigation 2013;5(3): 12-18
198		Management of combined gingival and alveolar fenestrations- a report of rare case. Journal of orofacial research 2013; 3:466-469
199		Double lateral sliding bridge flap- a less trodden path denuded roots. International journal of current research review 2012; 4(!6):125-130.
200	<b>Dr. N.Nagappan</b>	<b>Antimicrobial efficacy of Herbal and Chlorhexidine mouthrinse. A systematic review.</b> <i>IOSR Journal of Dental and Medical Sciences</i> 2012; 2(4); 05-10
201		<b>Sociodemographic profile of orofacial cleft patients in India. A Hospital based study.</b>

		International Journal of Medicine and Public Health 2014; 6 (6).
202	<b>Dr. M. Dinesh Dhamodhar</b>	<b>An Assessment of Oral Health Status and Treatment Needs of Institutionalized Differently Abled Persons in Chennai City – A Cross Sectional Survey.</b> Indian Journal of Research 2013; 2 (8): 05-06.
203	<b>Dr.Samyuktha</b>	<b>“Split-mouth comparison of Physics forceps and extraction forceps in orthodontic extraction of upper premolars”- British Journal of Oral and Maxillofacial Surgery(BJOMS)</b>

**3.4.3 Does the institution publish any reports/compilations/clinical roundups as a part of clinical research to enrich knowledge, skills and attitudes?**

The institution publishes in the Chettinad Health City Medical Journal and other speciality journals.

**3.4.4 Give details of Faculty serving on the editorial boards of national and international journals -**

<b>Name of the Faculty</b>	<b>Member</b>	<b>Name of the Journal</b>
Dr Rajesh.P	Editorial advisors Associate Editor	Chettinad Health City Medical Journal Indian journal of Dental research
Dr Venkateshwaran	Editorial Boards- Review Committee member	Indian Journal of Orthodontic Society
Dr.R. Sathish Muthuku	Editorial Boards	Indian Journal of Dental Research
Dr.Sandhya	Editorial Boards	Indian Journal of Dental Research

Arunkumar		
Dr.R. Sathish Muthukumar	Reviewer	SRM Journal of Research in Dental Science
Dr.Shivakumar	Editorial Board	Indian Journal of Dental Research
Dr Anitha	Associate Editor Editorial Board	Chettinad Health City Medical Journal Indian Journal of Dental Research
Dr.M.Shanmugam	Reviewer	Chettinad Health City Medical Journal
Dr.B.Meenapriya	Reviewer	Chettinad Health City Medical Journal
Dr. Sadasiva Bhat	Reviewer	Journal of conservative dentistry
Dr .Jagath Reddy	Editorial Boards	Indian Journal of Dental Research
Dr Joe Louis	Editorial Boards	Indian Journal of Dental Research

**Faculty serving as members of steering committees of national and international conferences recognized by reputed organizations / societies –**

#### **3.4.5 Provide details for the last four years**

- \* research awards received by the faculty and students - nil**
- \* national and international recognition received by the faculty from reputed professional bodies and agencies**

Faculty	Awards / recognitions
Dr.R. Sathish Muthukun	“BEST TEACHER AWARD”, conferred by the TamilNadu Dr. M.G.R. Medical University in 2012.
Dr V.Anita	<p>Best Paper National Award, Coastal Andhra in Periodontics on “A case Report –Coverage of Lingual Recession with GTR” in the 63rd National Conference of Indian Dental Association.</p> <p>Dr.K.L.Baby Award for the best article title “Melanin Depigmentation of gingiva - case report “by kerala Dental association.</p>
Dr.Shanmugam	<p><i>III<sup>rd</sup> Place</i> Awarded In Tissue Engineering In Periodontics-<i>Poster</i> Presented In XXI<sup>st</sup> Tamilnadu State Dental Conference-Ooty, on 29<sup>th</sup>and30<sup>th</sup> Nov.2003.</p> <p>Best Paper Award in “The association of periodontal disease and cardiovascular disease- A Case control study” paper presented in 23<sup>rd</sup> National Indian Society for Dental Research Conference held in 7<sup>th</sup>-9<sup>th</sup> January 2011 at Chettind Health City.</p>
Dr. B.Meena Priya.	Debate Competition- Best Speaker Award. 34th National Conference Of Indian Society Of Periodontology, Dharwad
Dr Daya Srinivasan-	<ol style="list-style-type: none"> <li>1. Got fifth prize in essay competition organized by Colgate in 2002</li> <li>2. Best paper award in 23<sup>rd</sup> National Conference of ISDR held at Chettinad health city, Chennai titled “Regenerative Pedodontics” in 2011</li> </ol>
Dr.Sandhya Arunkumar	2 <sup>nd</sup> best paper award at 20 <sup>th</sup> TamilNadu state Dental conference, at Trichirapalli on 29 <sup>th</sup> November , 2002

Dr.K.Sriram	<p>1.Best poster award for the scientific poster titled “Expression of retinoic acid receptor <math>\beta</math> 2 in oral squamous cell carcinoma and premalignant lesions” in First international conference of Indian association of oral and maxillofacial pathologists (IAOMP) held at Chennai ,India on 10<sup>th</sup> -12<sup>th</sup> December 2010</p> <p>2.Best poster award for the scientific poster titled “Fibrous histiocytic tumours of the oral cavity – A way to go about” in National OOO symposium held at Bangalore, India on 9<sup>th</sup> and 10<sup>th</sup> July 2010</p>
Dr.Sandhya Arunkumar	2 <sup>nd</sup> best paper award at 20 <sup>th</sup> TamilNadu state Dental conference, at Trichirapalli on 29 <sup>th</sup> November , 2002
Dr. R. Christeffi Mabel	<ul style="list-style-type: none"> <li>▪ Best Paper Award for “Eagle’s Syndrome – Importance of a correct diagnosis” at national level CDE program in Oral Medicine and Radiology held Guntur</li> <li>▪ University Topper (The Tamil Nadu Dr.MGR Medical University) in Post Graduation (Oral Medicine and Radiology) in the year 2010</li> </ul>
Dr. Sivan Satish	<ul style="list-style-type: none"> <li>▪ Second Prize for "Cockayne Syndrome-A Case Report of Two Cases and Review of literature “at XVI Annual Conference of Indian Academy of Oral Medicine and Radiology, Goa</li> <li>▪ Secured "First" Prize in Inter College Quiz Competition Conducted by Indian Academy of Interdisciplinary in Dentistry, Chennai</li> </ul>

**3.4.6 Indicate the average number of post graduate and doctoral scholars guided by each faculty during the last four years.**

Not applicable.

**3.4.7 What is the official policy of the institution to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.**

The institutional Research committee meets periodically to scrutinize and approve proposals, identify eligible guide and monitor the research projects that are being carried out by the various departments. The proposal with the consent from the involved disciplines is presented to the ethics committee for ethical approval.

**3.4.8 Does the institution promote multi/interdisciplinary research? If yes, how many such research projects have been undertaken and mention the number of departments involved in such endeavors?**

Yes, the following are the research projects involving more than one department:

S No	Name of the Project	Collaborating departments	Primary department
1.	Association of high risk HPV types with precancerous and cancerous lesions of oral cavity – A preliminary study	Dept. of Pathology	Dept of oral and maxillofacial pathology
2.	Living conditions, morbidity profile and health care seeking behavior of immigrant construction labor – A community based study.	Dept. of Preventive and Community Medicine	Dept of oral and maxillofacial pathology
3.	Study on the prevalence of Sublingual Varices in Hypertension, Cardiopulmonary	1.Dept. Of General Medicine 2.dept of oral	Dept of oral and maxillofacial pathology

	Diseases and Leg Varicosities Patients	medicine	
<b>4.</b>	Assessment of Oral Mucosal Integrity Status in patients with Recurrent Apthous Stomatitis	Dept. of Biochemistry	Dept of oral and maxillofacial pathology
<b>5.</b>	Correlation of Salivary Hydrazine Glycated Protein with HbA1c Level in Diabetes Mellitus	1.Dept. of Biochemistry 2. Dept. of General Medicine	Dept of oral and maxillofacial pathology
<b>6</b>	The frequency of medically compromised patients visiting Chettinad Dental college and research institute, kanchipuram district. a retrospective study	General Medicine, CHRI	Department of Periodontology
<b>7</b>	Evaluation of oral and periodontal health status among dialysis patients	Dept. of nephrology, CHRI	Department of Periodontology
<b>8</b>	Assessment of oral lesions and periodontal status among smokeless tobacco users	Dept of dentistry, CHRI	Department of Periodontology
<b>9</b>	Insulin resistance index in diabetes patients with and without periodontal disease	Dept of general medicine, CHRI	Department of Periodontology
<b>10.</b>	Estimation of high sensitivity c- reactive protein in patients with periodontal disease and without coronary artery	Dept of cardiology	Department of Periodontology

	disease		
<b>11</b>	Comparative evaluation of curcumin and chlorhexidine as a local drug delivery in the management of chronic periodontitis	Dept of Microbiology	Department of Periodontology
<b>12</b>	Medicine assisted laser management of Oral Sub mucous Fibrosis	Department of Periodontology	Department of Oral Medicine

**3.4.9 Has the university instituted any research awards? If yes, list the awards.**

The college is in the process of instituting such an award

**3.4.10 What are the incentives given to the faculty and students for receiving state, national and international recognition for research contributions?**

- Academic leave for faculty
- Research materials
- Facilitate the faculty for carrying their research
- Felicitation and recognition

**3.4.11 Give details of the postgraduate and research guides of the institution during the last four years.**

Not applicable

**3.5 Consultancy**

**3.5.1 What are the official policy/rules of the institution for structured consultancy? List a few important consultancies undertaken by the institution during the last four years.**

The expertise of the institution is publicized through the website, news



letter and institution's journal. Our expertise is in the field of dentistry and is much sought for by the institutions.

Institutions for which consultancy provided

1. FL Smidth
2. TCS
3. CTS
4. Michelin Tyres
5. Shashun Chemicals
6. LandT

**3.5.2 Does the university have an industry institution partnership cell? If yes, what is its scope and range of activities?**

Yes, The scope of the activities is to provide dental and medical care by having tie-up with the Rotary club, Tamilnadu Arya Vysya organization, Lions Club, Ammavadi(AP), Smile, treatment center in Udavum Nanbargal (NGO), Dental Centre at the corporation of Chennai, kannagi nagar, corporate companies.

**3.5.3 What is the mode of publicizing the expertise of the institution for consultancy services? Which are the departments from whom consultancy has been sought?**

The expertise of the institution is publicized through the institutional website, newsletter, institutional journal, namely Chettinad Health City Medical Journal and screening camps.

The consultancy services are provided by in the department of Oral and Maxillofacial Surgery, Orthodontics, Periodontics and Conservative dentistry.

**3.5.4 How does the institution utilize the expertise of its faculty with regard to consultancy services?**

The specialists attend such camps to provide high quality Dental treatment.

**3.5.5 Give details regarding the consultancy services provided by the institution for secondary and tertiary health care centers and medical / Dental practitioners.**

The institution has established a Dental treatment center in the rural and urban health center of the Chettinad Academy of Research Education.

**3.5.6 List the broad areas of consultancy services provided by the institution and the revenue generated during the last four years.**

Dental consultancy being provided for corporate companies which amounts to Rs. 5 lakhs on an average per year.

**3.6 Extension Activities and Institutional Social Responsibility (ISR)**

**3.6.1 How does the institution sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programs which have created an impact on students' campus experience during the last four years.**

The staffs and students participate in the outreach programs in the neighbourhood and far off places in creating awareness on Oral health care and on oral health promotion. In house treatment camps have been conducted on campus for complete denture patients once in 2 months and for pediatric patients once in a month. Once in a week the patients screened in various outreach programs are treated on campus. This has resulted in creating more social awareness and motivation towards contributing to nation building among the faculty and students.

**3.6.2 How does the institution promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?**

The institution has identified the nearby areas/localities in which the institution is located apart from the far off places; accordingly advanced tour plan is prepared with the participant pooled from the faculty and the students. This regular conducting of extension activities has inculcated among students and faculty a holistic approach towards the community development.

**3.6.3 How does the institution promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programs?**

The institution coordinated with NSS of Dhanalakshmi Srinivasan Engineering College, Vinayaka Mission Engineering college, MIT, Madras Veterinary College, Veperi.

**3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the institution to ensure social justice and empower the underprivileged and the most vulnerable sections of society?**

Prevalence of Oral lesions and Periodontal health status among smokeless tobacco users and smokers in migratory workers have been carried out.

**3.6.5 Does the institution have a mechanism to track the students' involvement in various social movements / activities that promote citizenship roles?**

The student participation in the rural outreach camps in promoting Dental health care is kept track.

Students participated in World No Tobacco Day – Expo and Rally held in association with Indian Dental Association, Madras branch during the years 2011 and 2012.

**3.6.6 How does the institution ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the institution that have encouraged community participation in its activities.**

The Department of Public Health Dentistry organized street dramas, rally in various places to motivate the community to practice good oral hygiene habits, awareness of oral cancer and its self examination.

**3.6.7 Give details of awards received by the institution for extension activities and/contributions to the social / community development during the last four years.**

2009 – Lions Club and Rotary Club

2010 – NSS group (SSN, AVIT, Dhanalakshmi Srinivasan College)

2011 – Tamilnadu Arya Vysya group, Lions club, Rotary club

2012 – Tamilnadu Arya Vysya, Rotary club, Lions Club

2013 - Tamilnadu Arya Vysya, Rotary club, Lions Club

2014 - Tamilnadu Arya Vysya, Rotary club, V100 (NGO)

**3.6.8 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?**

Mentorship and counselling for such students are provided.

**3.6.9 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?**

Regular conducting of extension activities has inculcated among students and faculty a holistic approach towards community development, in which good citizenship, social awareness and upkeep of good health are propagated. This in turn is propagated to the community.

**3.6.10 How does the institution align itself with the annual themes/programs of WHO/ICMR?**

The institution is at the entrance of the metropolitan city which is surrounded by villages which consist of people from rural background who are basically fisherman, farmers, daily wage workers and surrounding 75-100 villages have access to Chettinad health city through town buses and their problems are attended in synchronization with WHO theme for example hypertension. Their physical activity and eating habits are such that the hypertension prevalence is less. We have found the hypertension in people who migrated from the city.

**3.6.11 What is the role of the institution in the following extension activities?**

- \* Community outreach health programs for prevention, detection,

**screening, management of diseases and rehabilitation by cost effective interventions –**

Screening camps of the migrant population for detection and prevention, oral cancer free of cost.

- \* **Awareness creation regarding potable water supply, sanitation and nutrition and Awareness creation regarding waterborne and airborne communicable diseases.**

General awareness of fluorosis to a targeted population was done.

School education program for the general awareness of the above.

- \* **Awareness creation regarding non-communicable diseases - cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc. –**

Along with the Government of Tamilnadu and also with Indian Dental association, we talk about non communicable diseases, ill effects of tobacco, child safety, protection of girl child are being carried out frequently.

- \* **Awareness creation regarding the role of healthy lifestyles and physical exercise for the promotion of health and prevention of diseases.**

Not Applicable

- \* **Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.**

Students were taught about the effects of herbs and plants on improving oral health. Few students have taken up research activities on honey, green tea, curcumin and their effects on periodontal disease.

- \* **Complementary and alternative medicine.**

Not Applicable

- \* **Participation in national programs like Family Welfare, Mother and Child Welfare, Population Control, Immunization, HIVAIDS, Blindness control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, etc.**

- \* **Promotion of mental health and prevention of substance abuse.**

Anti-tobacco campaigns are conducted on a regular basis.

- \* **Adoption of population in the geographical area of total health**

**care.**

Not Applicable

**\* Research or extension work to reach out to marginalized populations.**

Not Applicable

**3.6.12 Do the faculty members participate in community health awareness programs? If yes, give details.**

Yes, the faculties take part in community health awareness programs and guide the students in providing health awareness for the community.

**3.6.13 How does the institution align itself and participate in the National program for prevention and control of diseases?**

By spreading awareness of the ill effects of Tobacco, Oral Hygiene, effects due to diabetics, etc. during the world health days like Woman's Day, World diabetes day, Health day, Dentists Day, etc.

**3.7 Collaborations**

**3.7.1 How has the institution's collaboration with other agencies impacted the visibility, identity and diversity of campus activities? To what extent has the institution benefitted academically and financially because of collaborations?**

The institution has been benefitted academically by the collaboration made with CARE (Chettinad Academy of Research and Education). This is in regard to sharing of teaching faculty members for basic health science, use of student lab for basic science and research lab facilities. The collaboration has helped in achieving good results in the student academics and training, promoting research among faculty and students.

**3.7.2 Mention specific examples of how these linkages promote**

- **Curriculum development** – since it is an affiliated college, we follow the DCI and Tamilnadu Dr MGR medical university norms.
- **Internship** – The linkages with the NGO's, Schools, Corporate and

other institutions has helped the students in gaining social awareness and contributing to the society.

- **On-the-job training** - students get to observe and fine tune their skills
- **Faculty exchange and development** – Faculties are involved in teaching the Dental students of CDCRI, which has helped the faculty in spreading the knowledge of different specialties in Dental health science.
- **Research** - the linkages with the NGO's, Schools, Corporate and other institutions has helped in undertaking epidemiological studies.
- **Extension** - extensive community outreach programs have led to create social awareness among the society, contributing to the society by providing free treatments, publishing of research articles etc.
- **Student placement** - Tie-up with other health care providers has provided a platform for the graduating students to get placed in private institutions.

**3.7.3 Has the institution signed MoUs or filed patents with institutions of national/international importance/other universities/industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the institution?**

The institution has been benefitted academically by the collaboration made with CARE (Chettinad Academy of Research and Education). This is in regard to sharing of student lab for basic science and research lab facilities. The collaboration has helped in promoting research among faculty and students.

**3.7.4 Have the institution-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?**

So far the requirements have been met with whatever internal facilities we have within the institution.

**3.7.5 Give details of the collaborative activities of the institution with the following:**

- \* **Local bodies/ community**

Dental Camps in association with the following Village Panchayats on regular basis has been conducted

1. Melakottayur
2. Maambakkam
3. Velichai
4. Ponmaar
5. Thiruporur
6. Sirudhavur
7. Maanamathy
8. Kolathur
9. Kuzhipandandalam
10. Vadakadumbadi
11. Poonjeri
12. Kadumbadi
13. Vandalur
14. Thazhambur
15. Pudupakkam

**\* State government / Central government /NGOs**

**State Government** - ICDS associated with Anganwadis of Thiruporur, Thirukalikundram and Kattankulathur Block, Corporation of Chennai, Zone -15, Isabel Health Centre and Chettinad Dental College had conducted Dental Treatment camp for the welfare of the people of Kannagi Nagar, Chennai.

**NGO's** – Ganapathy Sachidanandha Trust, Rotary club tamilnadu zone, Tanilnadu Arya Vysya, Ammuvadi (AP), Smile – chennai, Botherwood mission-chennai, Lions Club, V100, FORWARD(Forum for Womans Rights and development), World Vission- chennai, Sevalaya Trust – Chennai.

**Central Government** – DAI Kalpakkam.

**National bodies** – Not Applicable

**\* International agencies** – Not Applicable

**\* Health Care Industry – Biomedical, Pharmaceutical, Herbal, Clinical Research Organization (CRO) - Not Applicable**

**\* Service sector - Not Applicable**



**CRITERION IV : INFRASTRUCTURE and  
LEARNING RESOURCES**

#### **CRITERION IV : INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 Physical Facilities**

###### **4.1.1 How does the institution plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?**

The Institute through its committees envisions its future expansion plans for the next few years and accordingly tries to build upon their expansion activities with regard to academics, teaching and learning facilities, sports infrastructure, hostel facilities etc. Once the expansion plans are decided upon, then a separate budget is allocated for such expansions.

All such facilities are put into maximum use by the different stakeholders in a shared basis. Separate authorities are appointed to ensure such facilities are maintained, shared on a scheduled time basis, and thereby ensuring that the facilities are optimally utilized.

###### **4.1.2 Does the institution have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.**

The college is about 7 years old. The entire infrastructure was created within that period, which was put in place as envisioned. The college has the following:

- Lecture Halls with latest teaching aids
- Chettinad learning management system
- Good IT infrastructure
- Central Library with about 1969 books, 288 journals, 247 CDs
- Clinical Labs and Research Facilities
- Clinical departments equipped with the latest equipments
- Continuous supply of dental materials for students and patient needs

###### **4.1.3 Has the institution provided all its departments with facilities like office room, common room and separate restrooms for women students and staff?**

The Institution provides office rooms /cabins, workspace for administrative staff. Each Department contains designated cabins for faculties at all levels. Other than that common room, wash room and rest

rooms for the female student and staff separately, both in the college and hostel are provided.

**4.1.4 How does the institution ensure that the infrastructure facilities are barrier free for providing easy access to college and hospital for the differently-abled persons?**

At present, there is no physically disabled student in the campus. However the ramp at the entrance of the ground floor and the elevator facility in all blocks of the Chettinad Dental College and Research Institute is very helpful for the physically disabled.

**4.1.5 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?**

The institution organizes the annual intra-college and inter-college sports and cultural events. The facilities to conduct the programs are in plenty and a few to mention are the 1200, 375 seating capacity auditoriums and 100 to 200 seating capacity lecture theatres. The institution also houses an indoor stadium and outdoor sports facility. The outdoor sports facilities available are cricket ground, running tracks, tennis court, basket ball court etc.

Separate tennis court, basket ball court, volley ball and throw ball courts apart from provision for indoor games are available in the students hostel. There is also a well equipped state of the art gymnasium and swimming pool available.

The available sports and cultural infrastructure motivates the students to participate in the various events

**4.1.6 What measures does the institution take to ensure campus safety and security?**

The Institution's campus is completely manned by security personal. There are protocols for entry and exit within the college and hostel campus. ID cards are provided to staff, patients, faculty and students for access to their respective entry areas. Apart from that, the whole campus is manned by CCTV's and movements by unauthorized persons are monitored.

Apart from the above, the whole campus is equipped with fire safety measures like fire hydrant system, fire extinguishers etc. Fire safety drills

are carried out frequently. The building has an effective BMS (building management system) which controls the public address system, fire alarm etc to safeguard from emergencies.

#### **4.1.7 Facility of Animal House**

- \* **Is animal house maintained as per CPCSEA guidelines?**

Yes.

- \* **Whether records of animal house are maintained for learning and research activities?**

Yes

- \* **Does the animal house have approved for breeding and selling experimental animals as per CPCSEA guidelines? (Committee for the purpose of controlled and supervised of experimentation on animals)**

The institution has got permission for maintenance of upkeep of animals and breeding

#### **4.1.8 Provide the following details on the use of laboratories / museums as learning resources:**

- \* **Number** – 3 museums with a good number of specimens, posters, and models are available in the Department of Human Anatomy, General Pathology and Oral and Maxillofacial Pathology, Public Health Dentistry. The preclinical labs of Conservative and Prosthodontics have got educational charts of the curriculum. The clinics of Public Health Dentistry and Periodontics have got study models and charts for patient education. Basic Life Support laboratory is available for students and staff.
- \* **Maintenance and up-gradation** – The respective departments maintain and upgrade the museum resources periodically.
- \* **Descriptive catalogues in museums** – signage's and displays are available
- \* **Usage of the above by the UG/PG students** – All the museums are open to students.

#### **4.1.9 Dentistry**

- \* **Dental chairs in clinic – specialty wise**

Prosthodontics – 34

Conservative dentistry – 34

Periodontics – 34

Oral medicine – 12  
 Oral Surgery – 30  
 Orthodontics – 18  
 Public health dentistry – 16  
 Pedodontics – 20  
 Oral pathology – 02

\* **Total Dental chairs** - 232

\* **Schedule of chair side teaching in clinics – specialty wise** – The clinical postings for the students are scheduled and the patient case quotas are allotted as per the Dental Council of India norms. The students are divided into units and are instructed to follow the rooster postings.

\* **Number of procedures in clinics per month**

<b>Dental Dept.</b>	<b>No of Patients/month</b>
Oral Medicine and Diagnostic	2080
Oral and Maxillofacial Surgery	1158
Pedodontics	1136
Prosthodontics	649
Periodontics	1075
Orthodontics	302
Conservative and Endodontics	1146
Public Health Dentistry	780
<b>Total</b>	<b>8326</b>

\* **Mobile Dental care unit** – 1

\* **Facilities for Dental and maxillofacial procedures** – Minor operation theaters apart from major operation theaters are available within each clinical department. The operation theaters are provided with adequate equipments and kits to manage emergencies.

- \* **Dental laboratories** – They are available in the Department of Dental Anatomy and Oral Histology, Department of Prosthodontics, Conservative Dentistry, Pedodontics and Orthodontics for pre clinical training and to perform clinical patient's laboratory procedures.

#### 4.1.10 Pharmacy

- \* **Pharmaceutical Science Laboratories** - Not applicable
- \* **Museum for drug formulations** - Is available in the Department of Pharmacology , Chettinad Hospital and Research Institute, which is being used by the Chettinad Dental College and Research Institute
- \* **Machine room** – Not applicable
- \* **Herbarium / crude drug museum** – This facility is available in the Pharmacology Department of Chettinad Hospital and Research Institute, which is being used by Chettinad Dental College Research Institute.
- \* **Balance room** - Available in the Pharmacology Department of Chettinad Hospital and Research Institute, which is being used by Chettinad Hospital and Research Institute.
- \* **Chemical store** - Available in the Pharmacology Department of Chettinad Hospital and Research Institute, which is being used by Chettinad Hospital and Research Institute.
- \* **Instrumentation facilities** - Available in the Pharmacology Department of Chettinad Hospital and Research Institute, which is being used by Chettinad Hospital and Research Institute.
- \* **Pilot plant** – Not applicable
- \* **Computer aided laboratory** – HPLC (High Performance Liquid Chromatography) available

#### 4.1.11 Yoga and Naturopathy

- \* **The demonstration hall with a teaching facility to cater to the needs of the students** – available
- \* **Diet Service Management Department** - A separate diet kitchen with a dietician is available

- \* **Yoga cum multipurpose hall for meditation and prayer** - Available
- \* **Solarium compatible for multimedia presentation** - Separate solarium not available, although the campus building has adequate ventilation and natural sun lighting
- \* **Mud Storage Unit** – Nil
- \* **Outdoor Facilities - Walking track with reflexology segment** – Pedestrian friendly pathways are available throughout the campus
- \* **Swimming Pool** - Available
- \* **Naturopathy blocks** – Nil

#### **4.1.12 Homoeopathy**

- \* **Museum and demonstration room (Homoeopathic Pharmacy Laboratory, Pathology Laboratory, Community Medicine, Homoeopathic Materia Medica, Organon of Medicine including History of Medicine)**
- \* **Repertory with Computer Laboratory and Demonstration Room**  
Not Applicable

#### **4.1.13 Nursing**

- \* **Nursing Foundation Laboratory**
  - \* **Medical Surgical Laboratory**
  - \* **Community Health Nursing Laboratory**
  - \* **Maternal and Child Health Laboratory**
  - \* **Nutrition Laboratory**
  - \* **Pre clinical Laboratories**
  - \* **Specimens, Models and Mannequins**
- Not applicable

#### **4.1.14 Ayurveda**

- \* **Herbal Gardens**
- \* **Museum Herbarium**
- \* **Panchakarma Facility**
- \* **Eye Exercises Clinic**
- \* **Kshara Sutra and Agni Karma Setup**
- \* **Ayurveda Pharmacy**

Not Applicable

#### **4.1.15 Does the institution have the following facilities? If so, indicate its special features, if any.**

- |                             |   |               |
|-----------------------------|---|---------------|
| * <b>Meditation Hall</b>    | - | yes           |
| * <b>Naturopathy blocks</b> | - | not available |

#### **4.1.16 Provide details of sophisticated equipments procured during the last four years.**

Enclosed in Annexure – IV; page:478

### **4.2 Clinical Learning Resources**

#### **4.2.1 Teaching Hospital**

- \* **Year of establishment - 2007**
- \* **Hospital institution's distance – within the same campus**
- \* **Whether owned by the college or affiliated with any other institution?**

The Dental Hospital is owned by the same institution Chettinad Dental College and Research Institute.

- \* **Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international accrediting agency?**

The Hospital is tied with Chettinad Hospital and Research Institute , which has a NABL



accredited lab.

- \* **Number of beds** - 30 beds are available as per Dental Council of India norms
- \* **Number of specialty services** - 9 Dental + 8 Medical specialty
- \* **Number of super-specialty services** – Cardiology, Nephrology, Neurology, Plastic Surgery, ENT, Ophthalmology , Dermatology
- \* **Number of beds in ICU / ICCU / PICU / NICU, etc.** – 20 beds
- \* **Number of operation theatres** – major – 1, minor - 6
- \* **Number of Diagnostic Service Departments** –  
Oral and Maxillofacial Pathology,  
Dental Radiology  
Radiology and Diagnostic Medicine  
Clinical Biochemistry, Microbiology and Pathology.
- \* **Clinical Laboratories**  
Department of Prosthodontics, Conservative Dentistry, Pedodontics and Orthodontics are available
- \* **Service areas** - Laundry, Kitchen, CSSD, Backup power supply, AC plant, Manifold Rooms, Pharmacy services are available
- \* **Blood Bank services**  
Available
- \* **Ambulance services**  
Available
- \* **Hospital Pharmacy services** –  
Available
- \* **Drug poison information service**  
Not Available
- \* **Pharmacovigilance**  
Available in CHRI
- \* **Mortuary, cold storage facility**  
Available in CHRI
- \* **Does the teaching hospital display the services provided free of cost?**  
Yes
- \* **What is the mechanism for effective redressal of complaints made by patients?**

Whenever there is a complaint there is a suggestion /complaint box, where they can air their grievances. Other than that, a patient feedback form is given to patients where they can put down their grievances. The principal of the college is primarily responsible for addressing such complaints.

- \* **Give four years statistics of inpatient and outpatient services provided.**

<b>Year</b>	<b>OP</b>	<b>IP</b>
2010	42285	68
2011	54310	154
2012	83085	197
2013	77583	205
(Up to 2014 March)	19554	35
<b>Total</b>	<b>276817</b>	<b>659</b>

- \* **Does the hospital display charges levied for the paid services?**  
Yes, billing codes available.
- \* **Are the names of the faculty and their field of specialization displayed prominently in the hospital?**  
Yes, it is displayed in the respective department areas.
- \* **Is pictorial representation of the various areas of the hospital displayed in a manner to be understood by illiterate patients?**  
Yes, proper signages are displayed in English and Tamil along with location maps, for patients to navigate within the hospital.
- \* **Is there a prominent display of ante-natal, mother and child health care facilities?**  
Available in Chettinad Hospital and Research Institute for which Chettinad Dental College and Research Institute has an Memorandum of Understanding.
- \* **How does the hospital ensure dissemination of factual information regarding rights, responsibilities and the health care costs to patient and the relatives/attendants?**

The patient's rights and responsibilities are clearly displayed before the patient waiting areas. Apart from that, nursing staff and faculty are made aware of the same, so that the information is clearly passed on to them. Whenever there is a violation of such patient's rights there is adequate number of suggestion /complaint boxes, where they can air their grievances. There is a public relations officer to take care of such complaints.

\* **How does the hospital ensure that proper informed consent is obtained?**

A separate consent format is designed in Tamil and English and whenever it is obtained from the patient, the staff clearly explains it in a language that they understand and get their consent.

\* **Does the hospital have well-defined policies for prevention of hospital-acquired infections?**

Yes, there is a hospital infection control nurse and an officer who monitors such infection rates.

\* **Does the hospital have good clinical practice guidelines and standard operating procedures?**

Each department has a Standard Operative Protocol (SOP) for their functions and practices

\* **Does the hospital have effective systems for disposal of bio-hazardous waste?**

Yes, the faculty are trained frequently in the management of spills, handling and disposal of bio-medical waste and other hazardous materials

\* **How does the hospital ensure the safety of the patients, students, doctors and other health care workers, especially in the emergency department, critical care unit and operation theatres? Are the safety measures displayed in the relevant areas?**

There are posters, charts, signages displayed for Biomedical waste handling, management of spills, pre and post exposure prophylaxis, etc. Apart from the posters the staff and faculty are trained frequently on such safety aspects.

\* **How are the Casualty services/Accident and Emergency Services organized and effectively managed?**

All Dental emergencies are directly referred to the Department of Oral and Maxillofacial Surgery through the Department of Oral

Medicine and Radiology of the institution and also through the Emergency and Trauma Care of Chettinad Hospital and Research Institute.

- \* **Whether the hospital provides patient friendly helpdesk at various places.**

Yes, at all floors there are helpdesks which guides and helps the patients to navigate and help in their queries.

- \* **Does the hospital have medical insurance help desk?**

Yes

- \* **What are the other measures taken to make the hospital patient friendly?**

Easy accessibility, helpdesks to guide patients, modern equipments, safe and healthy environment, competent faculty and staff, internal quality mechanisms for better outcomes are some of the measures in aid of better patient related activities. A dedicated patient co-ordination committee to look into the patient satisfaction index has been established.

- \* **How does the hospital achieve continuous quality improvement in patient care and safety?**

Continuous training, quality control checks, patient feedback mechanisms, and inter departmental meetings helps the institution's hospital to achieve continuous quality improvement in patient care and safety.

- \* **What are the measures available for collecting feedback information from patients and for remedial actions based on such information?**

A patient feedback mechanism in Tamil and English is obtained from the patients, apart from that there are suggestion boxes, where the patients can air their grievances. Such complaints are analyzed by patient co-ordination committee and suitable corrective and preventive measures are adopted. Principal of the college is primarily responsible for solving such complaints.

- \* **How does the institution ensure uniformity in treatment administered by the therapists?**

Standard operating protocols are designed for every department.

- \* **Does the institution conduct any orientation training program for AYUSH-based para-medical staff?**

Not applicable

#### **4.2.2 What specific features have been included for clinical learning in the out-patient, bedside, community and other clinical teaching sites?**

- How to approach every patient
- Demo rooms are provided to explain the cases then and there, and it is one among the main feature being inculcated in all the above cases.
- Chair side patient education
- Museum for patients
- Teaching models
- In-house patient education channel
- Audio visual

### **4.3 Library as a Learning Resource**

#### **4.3.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been implemented by the committee to render the library student/user friendly?**

Yes.

**Composition of the committee is as follows –**

**Chairperson:** Dr.V.Anitha.M.D.S, **Convener:** Dr.B.Meena priya. M.D.S,  
**Secretary:** Librarian **Members:**

Dr. Senthil Eaggappan M.D.S,  
Dr. Eazhil. M. D. S,  
Dr. M. Deepalakshmi. M. D. S,  
Dr.S.Prabhu.M.D.S  
Dr.Christeffi Mabel .M.D.S

**Advisor:** Dr. P. Rajesh MDS, DNB, MNAMS.

#### **Initiatives of the Library Committee –**

Library Committee is constituted to advice on the policy guidelines of the library. The committee recommends appropriate books to be purchased based on the academics and research and development needs. It also recommends professional journals for subscription to the library. The library committee conducts monthly inspections facilitating the library, user friendly and by making the following developments mentioned below:

1. The books have been upgraded from 1094 to **1969** between 2011 to 2014.The number of journals has been upgraded to **314** with three years back volume with 50 titles in 2014.
2. The online website which can access all speciality indexed journals will be accessible from Jan 2014.

3. The virtual library has been upgraded from 215 to **247 CDs** in all subjects from 2011 to 2013.
4. The annual budget of the library has been fixed to 5lakhs per year to upgrade the books and journals.
5. Efforts have been taken by the committee to improve the standards of the library by the following ways
  - Library committee conducts monthly inspections and meetings to correct the deficiencies.
  - Library Committee visits the libraries of other universities
6. Library attendance has been recorded using biometrics for students and staff.
7. Steps have been taken to digitalize the library in the year 2014 which is user friendly for staff and students
8. Book bank has been set up with 70 books.
9. Initiatives have been taken by the library committee members to encourage and increase the inflow of staffs and students to the library.

#### **4.3.2 Provide details of the following:**

- \* **Total area of the library (in Sq. Mts.) :8000 sq ft**
- \* **Total seating capacity :150**
- \* **Working hours (on working days, on holidays, before examination, during examination, during vacation) 8.30 am - 7.00 pm**
- \* **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)** –The library has a well laid out individual reading carrels, sufficient seating capacity, lounge area for browsing and relaxed reading, IT access to e-resources, etc.
- \* **Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection** – all the above mentioned facilities are available within the campus.

#### **List of library staff with their qualifications**

1	Mr. Kumaran A	Librarian
2	Mr. Yuvaraj	Assistant librarian
3	Mrs. Devi S	Assistant librarian
4	Ms. Jayasri S	Attender

#### **4.3.3 Give details of the library holdings:**

- \* **Print (books, back volumes, theses, journals)**  
Books – 1969, Journals – The Tamilnadu Dr.M.G.R Medical University, CDs – 247, Back Volumes - 314
- \* **Average number of books added during the last three years - 900**
- \* **Non Print (Microfiche, AV) – Nil**
- \* **Electronic (e-books, e-journals) – e-journals available.**
- \* **Special collections (e.g. Text books, reference books, standards, patents) – Nil**
- \* **Book bank – 70**
- \* **Question bank - yes (loaded in the LMS)**

**4.3.4 To what extent is ICT deployed in the library? Give details with regard to**

- \* **Library automation**
- \* **Total number of computers for general access**
- \* **Total numbers of printers for general access**
- \* **Internet band width speed    □ 2mbps   □ 10 mbps   □ 1 GB**
- \* **Institutional Repository**
- \* **Content management system for e-learning**
- \* **Participation in resource sharing networks/consortia (like INFLIBNET)**

Yes the library is automated by the OPAC software consisting of the collection of books, journals and CD. The software also has digital book lending facility. The library is equipped with a total number of 25 computers and 2 printers with internet band width of 45 mbps. The online journals subscription has been done with the affiliating university.

**4.3.5 Give details of specialized services provided by the library with regard to**

- \* **Manuscripts -NO**
- \* **Reference - NO**
- \* **Reprography / scanning -Yes**
- \* **Inter-library Loan Service- NO**
- \* **Information Deployment and Notification -Yes**
- \* **OPACS -Yes**
- \* **Internet Access- Yes**

- \* **Downloads** -Yes
- \* **Printouts** -Yes
- \* **Reading list/ Bibliography compilation** -NO
- \* **In-house/remote access to e-resources** -Yes
- \* **User Orientation** -Yes
- \* **Assistance in searching Databases** - Yes
- \* **INFLIBNET/HELINET** – Yes, subscribed with the affiliating university.

**4.3.6 Provide details of the annual library budget and the amount spent for purchasing new books and journals.**

The annual budget for the library is 5 lakhs.

**4.3.7 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?**

Feedback form is available both online and in print version. The feedback is analysed statistically and measures have been taken to address the most common complaint

**4.3.8 List the efforts made towards the infrastructural development of the library in the last four years.**

- Biometric systems has been implemented for users
- Bar-coding has been implemented for tracking of issues and receivables
- Sufficient number of computers provided
- E learning resources has been enhanced

**4.4 IT Infrastructure**

**4.4.1 Does the institution have a comprehensive IT policy with regard to:**

\* **IT Service Management**

Yes, the IT department has a well defined IT manual detailing the protocol / procedures for acquiring IT assets, maintenance and service provision with specified service level agreements.



\* **Information Security**

Implementation of security procedures with specific policies for passwords, firewalls, anti virus, etc are available.

\* **Network Security**

Firewall, intrusion reduction and prevention, web application filtering, etc are available.

\* **Risk Management**

According to the threats and vulnerabilities for data, suitable countering of risks are undertaken.

\* **Software Asset Management**

Yes, the institution has the inventory of IT assets which is maintained and managed

\* **Open Source Resources**

The institution uses open sources with proper precautions and is managed by IT team.

\* **Green Computing**

Procurement and disposal of IT assets are compliant with green standards.

**4.4.2 How does the institution maintain and update the following services?**

\* **Hospital Management Information System (HMIS) –**

The institute has implemented the HMIS within the hospital called SAGE ACCPAC

\* **Electronic Medical Records System (EMR)**

The electronic health record is being implemented right now.

\* **Digital diagnostic and imaging systems, including PACS**

MEDDIFF pacs used for imaging services. LIS is part of the HMIS.

**4.4.3 Give details of the institution's computing facilities i.e., hardware and software.**

- \* **Number of systems with individual configurations** – 40 nos
- \* **Computer-student ratio** – 1:1, each student possess a laptop
- \* **Dedicated computing facilities** – Available
- \* **LAN facility** – 1 gigabyte LAN network available
- \* **Wi-Fi facility** – 802.11n 300 mbps capacity available
- \* **Proprietary software** – Chettinad Learning Management system
- \* **Number of nodes/ computers with internet facility** – 40

**4.4.4 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

Regular assessment is being done with respect to the usage and advanced requirements. The same is included in the budgeting for future enhancements.

**4.4.5 Give details on access to online teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching-learning and research.**

The Chettinad Learning Management System is a Networked Learning Environment (NLE), in which any student or teacher can view instructional content, collaborate with educators, evaluate academic performance, and access learning resources at anytime from anywhere. The capabilities of this LMS are content authoring, role based information delivery, learning objects catalog, report card module, reporting and performance dashboard and creation of advanced assessment questions. The system enables attendance monitoring, SMS and E-mail communication system, blogging, doubt center in the form of a forum, wiki like search with over 2 million medical terms to describe, access to parents for instant information on their wards, image galleries for sharing personal photos as well as study materials, online shopping catalogue for purchase of recommended books, study material, and medical equipments.

**4.4.6 What are the new technologies deployed by the institution in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?**

Smart podiums and video conferencing of lectures, live procedures, etc. have been installed to enhance the learning experience

**4.4.7 What is the IT facilities available to individual teachers for effective teaching and quality research?**

Each department is provided with computer facility with internet. Apart from that, there is dedicated IT staff team, which helps the faculty to prepare the power point presentation for taking lectures.

**4.4.8 Give details of ICT-enabled classrooms/learning spaces available within the institution. How are they utilized for enhancing the quality of teaching and learning?**

All the lectures are fed into the central server so that the students can have access to them through the lap tops. The students and the teacher can view the instructional content and collaborate with the educators. There is a facility for teleconference to the student and the teachers. Online examination can be conducted through the internet. Through wi-fi connection the students can access any learning resource at his / her convenience.

**4.4.9 How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the institution for such initiatives?**

A dedicated team of IT staff is available for helping the faculty in making such presentations. A photographer is provided with digital still and video camera for taking clinical pictures for student's presentation. The scanning facility available in the campus helps in scanning pictures from books.

**4.4.10 Does the institution have annual maintenance contract for the computers and its accessories?**

Yes, the institution has tied up with the vendors for maintenance of both IT hardware assets and software. The AMC's are periodically renewed upon completion of the agreed period.

**4.4.11 Does the institution avail of the National Knowledge Network (NKN) connectivity? If so, what are the services availed of?**

The institute utilizes the e- resources like e journals, books etc.

**4.4.12 Does the institution avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?**

Yes the institute avails such resources with necessary filtrations.

**4.4.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the institution.**

Rs.10 lakhs have been provisioned for the above

**4.4.14 what plans have been envisioned for the transfer of teaching and learning from closed institution information network to open environment?**

The institute has conducted webinar at frequent intervals of time.

**4.5 Maintenance of Campus Facilities**

**4.5.1 Does the institution have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.**

There is an In-house team lead by a senior manager and ably assisted by a team, for the various areas to manage and maintain the campus infrastructures.

The below are the few campus specific initiatives undertaken to improve the physical ambience:

- Green zone
- Solar friendly energy measures
- Landscaping of the campus
- Periodical maintenance of civil infrastructures for upkeep of the outlook
- Good housekeeping

**4.5.2 How are the infrastructure facilities, services and equipments maintained? Give details.**

The infrastructure is maintained by a team of staff round the clock 24/7. The infrastructure is divided as civil, electrical, HVAC, WTP, STP, Medical Gas, Biomedical equipments, Lifts etc. each functionality is

managed by a head and assisted by a team round the clock shifts. A preventive maintenance schedule is carried out for all the critical areas. Minor consumables are stocked within the campus so as to attend to breakdown calls immediately and solve it. All such breakdown calls are recorded and analyzed for further preventive actions.

#### **4.5.3 Has the institution insured its equipments and buildings?**

Yes

*Any other information regarding Infrastructure and Learning Resources which the institution would like to include.*

- Entire campus is GREEN ZONE – Pollution free zone – No vehicles allowed in the area.
- Wi-Fi enabled campus
- E-Learning, visual learning and hands on experience
- Well stocked and well maintained library facility
- In-house maintenance department - meets all maintenance requirements without delay
- Comfortable hostel and staff quarters
- Good sports facilities
- Building management system – for security purpose and to restrict unwarranted entry at strategic points
- CCTV facility within the campus
- Pneumatic chute system - facilitates rapid transfer of sample to the labs or reports back to the wards, delivery of drugs from the pharmacy to the wards.

**CRITERIA V: STUDENT SUPPORT AND  
PROGRESSION**

## **CRITERION V: STUDENT SUPPORT AND PROGRESSION**

### **5.1 Student Mentoring and Support**

#### **5.1.1 Does the institution have a system of student support and mentoring? If yes, what are its structural and functional features?**

Yes, the Institution has a mentorship system which helps the students academically and also personally in resolving his / her problems.

The institution appoints mentors from the faculty who are genuinely interested in acting as one. So from the list of mentors available the students are allocated to each mentor. The institution ensures that for every 20-25 students there is a mentor. The role of mentorship is as follows

- Provide support for slow learners and to impart knowledge
- To motivate students to aim higher
- Provide timely and constructive feedback on the mentee's performance.
- Encourage the mentee to be self-reliant in all aspects restricting not only to academics

#### **5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?**

The mentors are available at all times. In case the students need to have personal interactions with their mentors, they are free to do at the time convenient for both of them. There are private spaces available for such interactions in the institution.

#### **5.1.3 Does the institution have any personal enhancement and development schemes such as career counseling, soft skills development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.**

Yes the institution has a separate cell for career counseling which imparts knowledge to students for choosing their career after graduation. Also, at the beginning of the academic year, all the students are given orientation about the institution, student responsibilities, institutional do / don'ts etc. The institution along with the premier bodies conducts career counselling programs during the internship period which benefits the students to face the competitive exams.

**5.1.4 Does the institution have facilities for psycho social counseling for students?**

The Institution has a private space for psychologist for counseling. It is ensured that utmost confidentiality of the students is maintained.

**5.1.5 Does the institution provide assistance to students for obtaining educational loans from banks and other financial institutions?**

The office of Chettinad Dental College and Research Institute does give guidance for the activities mentioned above.

**5.1.6 Does the institution publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?**

Prospectus for students coming through Government counseling is printed by Directorate of Medical Education, Tamilnadu. For the students coming through management quota, it's printed by Tamilnadu Private Professional College Association.

Our institute publishes student handbook yearly and disseminates information to students about their rules and regulations, their conduct, schedule, dress codes, etc. The same is posted in the institutions' website also.

**5.1.7 Specify the type and number of institution scholarships / free ships given to the students during the last four years. Was financial aid given to them on time? Give details. (in a tabular form)**

The institution helps the student avail various scholarships that are available, like the first graduate in the family provided by the Tamilnadu Government, Adi dravidar welfare scholarship etc.

Year	I Graduate Scholarship	Adi dravidar Scholarship
2010-11	15	3
2011-12	8	8
2012-13	11	6
2013-14	9	4



**5.1.8 What percentage of students receives financial assistance from state government, central government and other national agencies?**

25% of students have availed assistance from the above agencies.

**5.1.9 Does the institution have an International Student Cell to attract foreign students and cater to their needs?**

There is no separate international student's council. However the students counseling centre acts as one for such international students in solving their issues.

**5.1.10 What types of support services are available for**

**\* overseas students :**

Overseas students are constantly counseled about their problems/difficulties and to help them settle in homely environment.

**\* physically challenged / differently-abled students :**

- Even though there are no physically challenged students, the institution may in such cases would help them by giving priority in hostel accommodation, Medicare, modification in toilets, classrooms etc to suit his learning environment
- Presently ramp, wheel chair and elevator facilities are available in all the buildings.

**\* SC/ST, OBC and economically weaker sections :**

The Institution facilitates state government scholarships for SC/ST students. It also facilitates by arranging loans from banks and financial institutions.

**\* students participating in various competitions/conferences in India and abroad:**

The institution encourages conducting symposiums by every department. They are also encouraged to participate and present papers in various symposiums / workshops / conferences. Such students are highlighted in institutions notice board and further motivated by giving them recognitions and awards.

\* **health centre, health insurance etc :**

Schemes for student welfare are:

- Group insurance
- Vaccination
- Medical and Dental checkup support
- Student counseling and membership programs.

\* **Skill development (spoken English, computer literacy, etc.)**

Yes, we have computer application as a part of orientation program for 1<sup>st</sup> Year BDS students. The Institution provides personal laptops for all the students and trains them to use LMS (learning management system). Students with problems in spoken English are encouraged to attend weekend courses in British council.

\* **Performance enhancement for slow learners.**

Mentorship system is available for slow learners for academic development

1. Class test
2. Short discussion/case discussion
3. Utilization of library hours- open book test
4. Student mentorship- counseling
5. Assignment book

\* **Exposure of students to other institutions of higher learning/ corporate /business houses, etc.**

The students are exposed to career guidance lectures from eminent personalities from various fields of higher education and corporate groups.

\* **Publication of student magazines, newsletters.**

Students are encouraged to publish articles in the in-house magazine called Chettinad Health City Times and scientific articles if any are peer reviewed and published in Chettinad Health City Medical Journal.

**5.1.11 Does the institution provide guidance and/or conduct coaching classes for students appearing for competitive examinations (such as USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS)? If yes, what is the outcome?**

Yes the institute conducts coaching classes for students appearing for competitive examinations

**5.1.12 Mention the policies of the institution for enhancing student participation in sports and extracurricular activities through strategies / schemes such as**

- \* **additional academic support and academic flexibility in examinations** – Special remedial classes for such sports participants are given.
- \* **special dietary requirements, sports uniform and materials** – The students are given transportation, uniforms, food preferences etc.
- \* **any other (specify)** - Transportation, recognitions, special training by in-house physical trainers, professional choreographers for cultural are given.

**5.1.13 Does the institution have an institutionalized mechanism for student placement? What are the services provided to help students identify job opportunities, prepare themselves for interviews, and develop entrepreneurship skills?**

There is a student career guidance cell for helping the students to decide their future course of career path in higher studies in India and abroad which helps them in their entrepreneurial skills, job opportunities through tie-ups with corporate health care institutions etc.

**5.1.14 How does the institution provide an enriched academic ambience for advanced learners?**

Advanced learners are mentored through the research committee to submit proposals for short term research for ICMR, DST, and TNSC etc. Presently 11 students have received ICMR acceptance among 37 proposals submitted.

**5.1.15 What percentage of students drop-out annually? Has any study been conducted to ascertain the reasons and take remedial measures?**

5% of students drop out annually. The reasons ascertained are, at the entry level they may opt to switch over to other courses like MBBS.

**5.1.16 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).**

Campus interview is not conducted since it's a professional course. However students are recommended for recruitment within the hospital or other healthcare providers through faculty references.

**5.1.17 Does the institution have a registered Alumni Association? If yes, what are its activities and contributions to the development of the institution?**

Yes. The contributions of the alumni are in providing feedback to improve the training and to be at par with industry standards. The alumni is a communication forum benefitting the students graduating from the institute for further job opportunities.

**5.1.18 List a few prominent alumni of the institution.**

Since only two batches have completed the course, the students are yet to gain prominence. At this juncture there have been few students diversified as entrepreneurs who are as follows

1. Dr Pradeep – founder and CEO of LIMAT, medical and Dental multispecialty clinics
2. Dr Subramania Prabu – Dento plus clinic, Alwarpet.
3. Dr Mohit Soni – Faculty in Apollo White, Rajasthan.
4. Dr.Vasanth.All smile dental clinic, Keelkattalai
5. Dr.John Jacob.Dental clinic.Adambakkam

**5.1.19 In what ways does the institution respond to alumni requirements?**

The institution responds to alumni requirements in the following manner

- By willing to provide space for organizing such alumni meet.
- Maintaining a database for networking contacts
- Help students who are about to graduate for further career prospects
- Alumni feedbacks obtained for modifications in the teaching quality.
- To conduct training and hands on courses.

**5.1.20 Does the institution have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?**

Yes. The grievances received so far have been in the area of

- 1. Students conflicts**
- 2. Hostel timings**
- 3. Theft**
- 4. Library timings**
- 5. Transportation timings**

The above grievances have been received by the student's grievance redressal cell and have been amicably solved with the help of the concerned authorities and other stakeholders who are involved in the respective issues.

**5.1.21 Does the institution promote a gender-sensitive environment by (i) conducting gender related programs (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.**

During the orientation, gender sensitization is briefed to both faculties and students. The institution has the compliance cell for sexual harassment which is a dedicated unit that strives to create an environment in the campus where everybody feels safe and self confident.

The constitution of the cell is as follows -

CHAIRPERSON	:	Dr. Anupama Ramachandran
CONVENOR	:	Dr. Christeffi Mabel
MEMBERS	:	Dr. Semmia
		Mr. Solaiappan – AGM – ADMIN
		Dr. Joe Louis
		Mr. Venkatraman - LEGAL
		Mrs. Leela Murugasen PRO
		Mrs. Shaila Vijayan – WARDEN
		Mr. Saraboji – WARDEN

**5.1.22 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?**

Yes.

So far 4 instances have been reported. All the cases were of the same nature as below mentioned cases -

Senior student teasing the junior student for which both the parents have been called and counseled and warned appropriately and they have settled among themselves.

**5.1.23 How does the institution elicit the cooperation of all its stakeholders to ensure the overall development of its students?**

1. Students – Feedbacks are analyzed for improvements and further corrective measures are adopted for improvement.
2. Patients – Feedbacks / suggestions are obtained from patients, which help the institution to sustain and improve the quality of services.
3. Staff - Feedbacks / suggestions are obtained from patients for adopting improvement measures
4. Parent, Teacher meeting – Through parent teacher meeting discussions, the institution takes note of the points raised by the parent and make necessary corrective measures to improve upon them.

**5.1.24 How does the institution ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.**

Around 75% of the total intake is of woman students in the present scenario. Hence the woman participation in the above activities is enormous.

**5.1.25 Does the institution enhance the student learning experience by providing for rotation from the teaching hospital to the community and district hospital during the internship period?**

Yes. The curriculum is as per the Dental Council of India norms and the students are posted for a period of 3 months at rural centers of the institution during the internship period.

**5.1.26 Does the institution have immunization policy for its students and staff?**

Yes, the institution provides vaccination to all the students at the entry level. A record is maintained for the same for further follow-ups for periodical booster dose administration. The same is also provided to all the teaching and non teaching staff.

**5.1.27 Does the institution give thrust on students growth in terms of:**

- **Physical development** – The institution has a dedicated physical director for training and co-ordinates with the sports committee in organizing sports events both inter college and intra-college. The institution has provided state of art indoor and outdoor sports facilities. The institution facilitates physical development among students by providing free membership to the gymnasium, physical training centre available for both day scholars and in the hostel.
- **Emotional control** – The institution has a dedicated student psychologist available at any time for counseling and helping the student in overcoming their emotional turmoil.
- **Social dimension** – Community teaching and rural extension programs helps the student in nurturing the social responsibility
- **Spiritual growth** – Yoga activities are undertaken for student's spiritual growth

## 5.2 Student Progression

### 5.2.1 What is the student strength of the institution for the current academic year? Analyze the Program-wise data and provide the trends (UG to PG, PG to further studies) for the last four years.

Y r	2007-08 Batch			2008-09 Batch			2009-10 Batch			2010-11 Batch			2011-12 Batch			2012-13 Batch			2013-14 Batch		
	I n t a k e	A p p e a r e d E x a m	P a s s %	I n t a k e	A p p e a r e d E x a m	P a s s %	I n t a k e	A p p e a r e d E x a m	P a s s %	I n t a k e	A p p e a r e d E x a m	P a s s %	I n t a k e	A p p e a r e d E x a m	P a s s %	I n t a k e	A p p e a r e d E x a m	P a s s %	I n t a k e	A p p e a r e d E x a m	P a s s %
1 <sup>st</sup> B D S	95	88	95%	94		96%	100	99	84%	100	96	79%	100	90	81%	100	100	85%	100		NA
2 <sup>nd</sup> B D S		78	85%		76	93%		81	90%		74	95%		69	99%	NA			NA		
3 <sup>rd</sup> B D S		66	94%		67	99%		73	96%		70	100%	NA			NA			NA		
4 <sup>th</sup> B D S		61	79%		65	52%		70	99%	NA			NA			NA			NA		
U G t o P G	6.3%			7.4%			NA			NA			NA			NA			NA		



Dr. Praveena Sharma	Endodontics Rajasthan
Dr.Nikhlesh	Endodontics Rajasthan
Dr.Anusha	Balaji Prosthodontics
Dr.Karthikey Kaushik	USA MPH
Dr.Akila	Ramachandra Oral surgery
Dr.Aishwarya	Ramachandra Periodontics
Dr.Bejoy	Prosthodontics Pondicherry
Dr.Yoshitha	SRM Prosthodontics
Dr.Vidhu	Ragas Orthodontics
Dr.Lakshmi Thulasi	VS Bangalore Orthodontics
Dr.Sneha Elizabeth Mathews	Kerala Pedodontics
Dr.Savan Unni	Meenakshi Ammal Dental College Orthodontics
Dr.Easwari Jagdish	Ramachandra Oral surgery

**5.2.2 What is the number and percentage of students who appeared/qualified in examinations for Central / State services, Defense, Civil Services, etc.?**

Only 2 batches of students have graduated so far, in which 2 of them are preparing for state and central services.

**5.2.3 Provide category-wise details regarding the number of post graduate dissertations, Ph.D. and D.Sc. theses submitted/ accepted/ rejected in the last four years.**

Not Applicable

**5.2.4 What is the percentage of graduates under AYUSH programs employed in the following?**

- \* AYUSH departments/Hospitals,
- \* Multinational companies,
- \* Health clubs,
- \* Spas,
- \* Yoga wellness centers,
- \* Yoga studios,
- \* Health clubs,
- \* Own Yoga cubes/studios?

Not Applicable

**5.3 Student Participation and Activities**

**5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the program calendar and provide details of students' participation.**

Indoor Facility	Outdoor facility
Shuttle and Badminton, Basket ball, Gym , Table tennis	Cricket Ground, Football, Running track, Swimming pool, Basket ball, Tennis, Throw ball, Kho-Kho

**5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.**

Levels	2011 yr		2012 yr		2013 yr		2014 yr	
	Cultural	Sports	Cultural	Sports	Cultural	Sports	Cultural	Sports
State	14	40	16	2	33	31	18	-
Inter college	9	80	96	3	5	1	72	35

**5.3.3 Does the institution provide incentives for students who participate in national / regional levels in sports and cultural events?**

Yes, the institute provides transportation, accommodation and travel expenses. Apart from this, the student is given attendance, recognition through display in the notice boards, desktops and mementos.

**5.3.4 How does the institution involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.**

All the specialty departments of the institution are involved in guiding and encouraging the students to take up short term projects. The students are trained to prepare the review and the inferences of the projects and make them appropriate for publications in form of paper presentation, posters and in journals. Apart from the above mentioned, topics of their choice are allotted in groups or as individual for assignment and library dissertations in order to train them in writing article, reviews and chapters for publication.

Following are the list of publication for which students have contributed

- Chettinad health city times
- Library dissertations
- Journal
- Posters / wall posters

- Study materials

**5.3.4 Does the institution have a Student Council or any other similar body? Give details on its constitution, activities and funding.**

Yes, students council is instituted within the college.

**5.3.5 Give details of various academic and administrative bodies that have student representatives in them. Also provide details of their activities.**

**Sports and cultural committee** – student representative will voice the opinions of the student population pertaining to the conduct and organizing of such events.

**Grievance redressal cell for students** – The student representative will voice the concerns and problems faced by the students in the campus.

**Dental Education Unit** –The student's representative belonging to each year of the program represents their respective batches in discussing the curriculum and academics issues.

**Library committee-** The student representative will voice the concerns and problems faced by the students in the library.

**CRITERIA VI: GOVERNANCE, LEADERSHIP  
AND MANAGEMENT**

## **CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 Institutional Vision and Leadership**

#### **6.1.1 State the vision and the mission of the institution.**

##### **VISION:**

A global center for excellence in learning, teaching, research, health care and service to the community.

##### **MISSION:**

- Create a nurturing and supportive environment to ensure students a fulfilling, demanding and intellectually stimulating experience.
- Enable students to imbibe values, cultivate a desire for lifelong learning and maximize their potential.
- Prepare students for employment in the global arena.
- To establish a team of well-qualified faculty that will enable the institution to grow holistically.
- Provide the best state of the art infrastructure.
- Offer quality health services to all strata of society.
- To facilitate independent, innovative research and share knowledge and understanding with the society.
- To contribute to the social, economical and national development

#### **6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?**

Higher education is of prime focus in Indian culture. Keeping this in mind, Chettinad Dental College and Research Institute has constantly made efforts towards imparting knowledge and skill based activities. This will lead to producing a large pool of qualified manpower which will significantly contribute to the nation's growth

Chettinad Dental College and Research Institute is true to its vision which has made considerable impact in providing the following for the present and the future -

- Quality infrastructure and a suitable green environment for effective student learning
- Faculty with experience
- Promoting research among faculty and students by funding, upgrading research labs etc
- Providing state of art dental health care at a nominal cost in the region its located
- Outreach activities like free health camps, awareness camps etc for the community

### **6.1.3 How is the leadership involved in**

- **Developing E-Governance strategies for the institution?**

The organization's emphasis on e-governance which resulted in a very effective and a transparent system in the following areas

- For Attendance - Chettinad employee management system
- Hospital, labs, Medical Records Department, Accounts, Purchase and Stores – SAGE ACCPAC
- Library - Autolib
- Academic – Chettinad learning management system
- SMS communication system – communication to parents.
- Video conference facility available
- Communication to staff – Through Mails and Desktop Information

- **Ensuring the organization's management system development, implementation and continuous improvement?**

The Institution is directed and controlled by a well planned out organizational structure headed by the Principal and is ably assisted by a team of experienced teaching and non teaching staff. At every level the roles are delegated to the last level and the information exchange from top to bottom is seamlessly connected and carried out. The various organizational committees periodically monitor deficiencies and make the necessary upgradations. The regular inspections by the regulatory bodies like the Tamilnadu Dr.M.G.R Medical University and Dental Council of India also help us in maintaining the standards of teaching and infrastructure.

- **Interacting with its stakeholders?**  
Stakeholders at all levels are taken into account in the decision making process. The interaction takes place with the stakeholders as follows,  
**Parents / Students** - online questionnaire, parent teacher meeting  
**Patient** – through Feedback questionnaire (English and Tamil) and suggestion boxes  
**Faculty / non teaching staff** – by making them members of various committees which takes decisions, wherein they can discuss about the issues involved  
**Management** – by having representatives from the management as members in the committee proceedings and decision making process.
- **Reinforcing a culture of excellence?**  
The institution has instituted an internal quality assurance cell which monitors the key quality parameters of the organization. This gives the institution a sustainable quality enhancement process which aims for excellence.
- **Identifying organizational needs and striving to fulfill them?**  
The various committees's constituted within the organization lays down the road map for the institution to achieve its strategic goal in tune with the Mission and Vision of the university by taking into consideration the social needs, the demands of the economy, specific needs of the stakeholders and the faculty of the university. The ground work for the same is provided by the teachers, students, administrators at departmental, college council and other meetings. These recommendations along with ever changing demands in trends and objectives of higher education along with management aspirations and directions help evolve institutional plan and the methodology to implement those plans.

**6.1.4 Were any of the top leadership positions of the institution vacant for more than a year? If so, state the reasons.**

No.



**6.1.5 Does the institution ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?**

Yes.

**6.1.6 Does the institution promote a culture of participative management? If yes, indicate the levels of participative management.**

Various committees are formed with representation from students, faculty, non teaching staff and management representatives. Opinions / suggestions can be expressed by all sections of stakeholders in the committee meetings. The management along with various committee representatives reviews those opinions and come to better solutions and improvements. This helps in formulating policies and strategies to achieve excellence in critical quality parameters.

**6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges / constituent units and the support and encouragement given to them to become autonomous.**

Chettinad Dental College and Research Institute is affiliated to “The Tamilnadu Dr. MGR Medical University” and our college aligns to the policies and procedures laid out by the University. The compliance is monitored frequently through inspections conducted by the parent university, hence giving us a clear focus on the above fronts.

**6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?**

The degree is conferred by the parent university and there are no provisions for the constituent college to do so.

**6.1.9 How does the institution groom leadership at various levels? Give details.**

Based on the contributions and performance appraisal, the institute identifies such personnel and makes them chairperson / convener / members of various committee to implement key objectives. Hence based on the contribution and involvement of such persons they are

further encouraged to take up higher leadership roles at different key functional levels.

**6.1.10 Has the institution evolved a knowledge management strategy which encompasses the following aspects such as access to**

**Information Technology** - The Institution has an effective IT network covering all the activities of the institution enabling effective decision making process.

**National Knowledge Network (NKN)** – by integrating data, information and experience, the institution delivers to the students the right knowledge at the right time.

**6.1.11 How are the following values reflected in the functioning of the institution?**

▪ **Contributing to National development**

- The institution has been established in the rural area in order to help the backward region
- By providing quality education and addressing areas of development with a thrust on further advancement in science and patient care. This will help in further improving economy and enhance the standard of education and society
- Conducting frequent health camps in the rural and urban areas and thereby promoting a healthy society by identifying diseases at early stage. Also imparting knowledge on good health and wellness. This helps in initiating early treatment facilitating cure.
- By actively participating in the following National Programs:
  - Family Welfare and Maternal and Child Health (MCH)
  - Sanitation and water supply
  - Prevention and control of communicable and non-communicable diseases
  - Immunization
  - Health Education

- **Fostering global competencies among students**

Dr.Karthikay Kaushik –MPH University of South Carolina

Dr.Sheik Nadia- applied for higher education in Toronto

Dr.Rufus Rahman- applied for higher education in Toronto

Dr.Celine Joyce- Msc in Dental Materials in Hong Kong

Dr.Abhinaya- Short term Course in Implantology, USA

- **Inculcating a sound value system among students**

Students are sensitized towards service orientation with regard to social needs of the community, thereby infusing basic values within the student.

- **Promoting use of technology**

The institution has a state of the art teaching and learning management system which is in tune with international standards. The students are made to learn through visuals which make learning more effective and engaging.

- **Quest for excellence**

The institute is committed to quality. The institution strives to re-evaluate itself at frequent intervals through self study (internal audit) and undergoing accreditation by various agencies.

**6.1.12 Has the institution been indicted / given any adverse reports by National Regulatory bodies? If so, provide details.**

No such adverse reports issued so far.

**6.1.13 What are the projected budgetary provisions towards teaching, health care services, research, faculty development, etc.?**

Particulars	Budget for 2013-14 (Amt in Rs)
Academic Expenses	87,96,396
Administrative expenses	4,11,99,700
<b>Total</b>	<b>4,99,96,097</b>

## **6.2 Strategy Development and Deployment**

### **6.2.1 Does the institution have a perspective plan for development? If yes, what aspects of the following are considered in the development of policies and strategies?**

Yes.

***Vision and mission*** : The various committees' constituted within the organization lays down the road map for the institution to achieve its strategic goal in tune with the Mission and Vision of the university by taking into consideration the social needs, demands of the economy, specific needs of the stake holders and the faculty of the university.

***Teaching and learning*** : For carrying out teaching and learning the institution has a teaching plan, which includes plan of action, time table, unit plan, evaluation blue print, outpatient and inpatient teaching, and clinical teaching in other sites.

***Research and development***: The institution has identified the thrust areas for carrying out research activities and has allocated a budget for such research on a annual basis. Apart from that the institution motivates the faculty and students by awards, recognition, monetary support, research facilities etc.

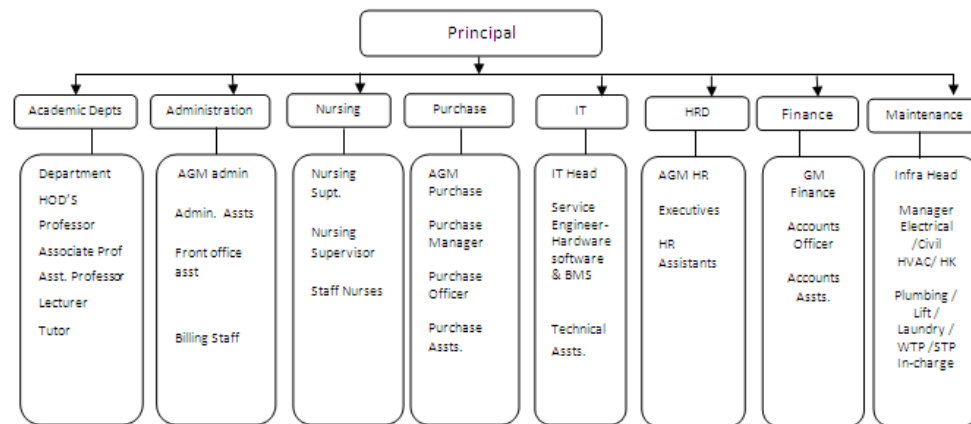
***Community engagement / outreach activities***: The Institution's contribution towards community engagement and extension activities is very important to the growth of the institution. Hence keeping this in mind the institute on a yearly basis, charts out its extension program chart with regard to the number of camps to be held, awareness camps to be conducted, students and faculty to be involved, MOU with NGO's, budgetary support required, etc, to carry out the extension activities.

***Human resource planning and development***: The institution keeping pace with the growth has put in place appropriate mechanisms for assessing the anticipated manpower requirement on a regular basis, training assessment for teaching and non teaching staff, retention methodology, etc.

***Industry interaction***: The institute has a tie up with the industry to provide Dental health care.

### **6.2.2 Describe the institution's internal organizational structure (preferably through an organogram) and decision making processes and their effectiveness.**

Apart from the academic departments the other departments (Admin / Nursing / Purchase / IT / HRD /Finance / Maintenance) are shared by Chettinad Dental College and Research Institute along with Chettinad Academy of Research and Education for which an Memorandum Of Understanding is entered for the same.



- Chettinad Dental College and Research Institute has laid down an organizational structure defining the various reporting and decision making process. This is shown in the orgnogram.
  - Chettinad Dental College and Research Institute has framed policies and protocols for managing various functional activities like student affairs, planning time table, scheduling of classes, conducting exams, administrative functions like Human Resource Department, Finance, planning and monitoring by various committees and information management systems. This enables a smooth and seamless flow the organizational process.
  - Ensures the institute works within the framework and regulations of statutory / regulatory bodies.
- **Is there a system for auditing health care quality and patient safety? If yes, describe.**  
 Yes, there is a medical audit being conducted by the patient co ordination committee once a month to discuss about the different cases. The outcome of the audit throws up solutions for improvements which helps in the patient safety. Apart from the above a patient feedback is obtained from the patients about his views, opinions and suggestions to improve our standards

**How often are these review meetings held with the administrative staff?**

The review meetings are held once in 3 months.

**6.2.3 Does the institution conduct regular meetings of its various Authorities and Statutory bodies? Provide details.**

Yes, the institution conducts regular meetings and the details are as follows

S.No	Name of the Committee	Schedule of Meeting
1	Grievance redressal cell-students	As and when it is required
2	Anti ragging committee	Starting of the academic year and as and when required
3	Sports and cultural committee committee	Once in 4 months and during requirements
4	Student counseling and guidance cell	Once 6 months
5	Parent teacher association	4 times a year
6	Sexual harassment cell	As and when required
7	Grievance redressal cell for Teaching and non teaching staff	As and when required
8	Dental education unit	Once in a month
9	Library committee	Once in a month
10	Biosafety committee	Once in 4 months
11	Out Reach committee	Once in a months
12	Patient Coordination Committee	Once in a month

**6.2.4 Does the institution have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?**

Yes, CDCRI has a quality policy. The quality policy aligns with the vision and mission of the institution with clear objectives that are to be met in a defined time frame. The quality policy is displayed and it is made aware to the stakeholders at all levels. Review of the same is done based on the outcomes of various key parameters.

**6.2.5 Does the institution encourage its academic departments to function independently and autonomously and how does it ensure accountability?**

Yes, the departments function independently as far as academic programs are concerned. However the individual departments are to submit their schedule and progress periodically thereby ensuring accountability.

**6.2.6 During the last four years, have there been any instances of court cases filed by and / or against the institution? What were the critical issues and verdicts of the courts on these issues?**

None

**6.2.7 How does the institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?**

There is a grievance redressal system for both teaching and non-teaching staff constituted for addressing such grievances. The grievances are obtained through complaint box, in person and email. The grievances are enquired through appropriate forum / committee and appropriate actions are taken.

**6.2.8 Does the institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?**

Yes, the feedback is obtained from patients, students, parents, employees for performance enhancement.

Feedback from patients - Collected through questionnaire / suggestion box that is kept throughout the hospital

Feedback from Students – Through questionnaire

Feedback from Parents – Through parent teacher meetings

Feedback from Employee – Through discussions at various committee forums

**6.2.9 Does the institution conduct performance audit of the various departments?**

Yes

**6.2.10 What mechanisms have been evolved by the institution to identify the developmental needs of its affiliated / constituent institutions?**

The Institution conducts periodical meetings with respect to patient management, student performance and requirements, faculty development with its constituent departments. Areas of improvement and requirements are identified and necessary measures are undertaken to fulfill them.

**6.2.11 Does the institution and hospital have their own updated websites? If so, is the information regarding faculty and their areas of specialization, days of availability, timings, consultation charges available on the website?**

Yes, the data base does contain details as mentioned above except the consultation charges since the charges for most of the treatments are free of cost.

**6.2.12 What are the feedback mechanisms and documentations to evaluate the outcomes of these exercises?**

Feedback mechanisms are in place and are documented, evaluated by a statistical analysis with inferences towards the various quality parameters to measure the growth of the institution.



### **6.3 Faculty Empowerment Strategies**

#### **6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff? What is the impact of Continuing Professional Development Programs in enhancing the competencies of the university faculty?**

- By way of conducting regular staff development programs (CDE) through Dental Education Unit.
- Granting them academic leave for attending seminar/workshops/conferences externally
- Conducting / Hosting conferences
- Encouraging the staff to publish scientific data in Chettinad health city times and Chettinad Health City Medical Journal
- Training and other in-house development program for non teaching staff
- Awards / Recognition for faculty
- Promoting research among faculty by funding them

The impact of such staff development programs are greater exposure among faculty and non teaching staff about global standards, Focus on Quality, updated information on the chosen area, knowledge sharing and imparting the same to the students.

#### **6.3.2 What is the outcome of the review of various appraisal methods used by the institution? List the important decisions.**

Appraisal forms are designed to assess the performances of faculty members, administrative staff and Technical Staff.

An annual appraisal review is done at the beginning of the year all the staffs are given targeted KRAs(ie the sum of the departmental work in theory, clinical , practical examinations which is divided among the faculty and each faculty know their day to day time table.) The execution of this job is ensured by biometrics, departmental work- done register, feedback forms from the students, patients and parents. The outcome and performance of each staff is evaluated by the appraiser(HOD) and by the reviewer(The Principal) and the performance of all the staffs are graded down in a Bell's curve scale of 5, 4, 3, 2 ,1 where the percentage of increment is 14,12,10, 4,0 respectively.

**6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.**

- In-house Staff quarters at subsidized rents
- Maternity leave for pregnant woman
- Provident Fund and Employer State Insurance
- Training and development programs for teaching / non teaching staff
- Indoor and outdoor sports facility
- Fitness Centre
- Sponsoring Faculty to attend and conduct development programs

**6.3.4 What are the measures taken by the institution for attracting and retaining eminent faculty?**

***Strategic plans for recruitment:***

By getting constant feedback from the existing network of faculty

By posting of advertisements on the website

***Strategic plans to retain the staff :***

By constantly improving the welfare facilities

By providing a conducive environment for their working needs.

By encouraging and helping those in their growth initiatives, including research activities.

By making them members in various committees to chair and air their views.

Performance based increments.

**6.3.5 Has the institution conducted a gender audit during the last four years? If yes, mention a few salient findings.**

Even though a gender audit has not been conducted, the institution has a predominant female population of about 80%.

**6.3.6 Does the institution conduct any gender sensitization programs for its faculty?**

During induction the faculty is sensitized.

**6.3.7 How does the institution train its support staff in better communication skills with patients?**

Yes, the institute conducts regular personality and soft skills training for the support staff apart from inducting.

**6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?**

All such research programs pertaining to faculty and students are displayed in the respective department's notice boards.

**6.3.9 Do faculty members mentor junior faculty and students?**

Yes. The Head of the Department of the respective Departments is the mentor for junior faculty below the grades of readers. For students the mentorship programs in which each faculty is responsible for around 20-25 students.

**6.3.10 Does the institution offer incentives for faculty empowerment?**

Such faculty are recognized and given priority in the committee forums by making them members, thus encouraging them further to take up leadership roles.

**6.4 Financial Management and Resource Mobilization**

**6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?**

Monthly Budgets are prepared and quarterly review of accounts is done by Management.

**6.4.2 Does the institution have a mechanism for internal and external audit? Give details.**

There is an external audit system by the firm of qualified chartered accountants and the audit is done on a concurrent basis and the internal audit is done by the management in periodic intervals.

**6.4.3 Are the institution's accounts audited regularly? Have there been any audit objections, if so, how were they addressed?**

Audit is done on a regular basis and no audit objections or qualifications are recorded

**6.4.4 Provide the audited statement of accounts with details of expenses for academic, research and administrative activities of the last four years.**

<b>Year</b>	<b>Academic expenses</b>	<b>Administration expenses</b>	<b>Total</b>
2009-10	82,49,490	2,02,85,175	2,85,34,665
2010-11	98,07,366	3,09,42,735	4,07,50,101
2011-12	81,16,105	3,48,78,297	4,29,94,402
2012-13	79,96,724	3,74,54,273	4,54,50,997

**6.4.5 Narrate the efforts taken by the institution for resource mobilization.**

Resource mobilization is done through college income and Hospital income

**6.4.6 Is there any provision for the institution to create a corpus fund? If yes, give details.**

There is no corpus fund

**6.4.7 What are the free / subsidized services provided to the patients in the hospital?**

Free treatment charges for camp patients

Free dentures

Free Transportation

**6.4.8 Does the institutions receive fund from philanthropic organizations / individuals towards patient care? If yes, give details.**

No such funds received

**6.4.9 Do patients from other states / abroad come for treatment, reflecting the unique quality health care provided by the institution?**

Yes.

## **6.5 Internal Quality Assurance System**

### **6.5.1 Does the institution conduct regular academic and administrative audits? If yes, give details.**

Yes. The academic audit is conducted every 6 months in advance of the forthcoming examination

### **6.5.2 Based on the recommendations of the Academic Audit, what specific follow up measures have been taken by the institution to improve its academic and administrative performance?**

- To improve attendance percentage among students and undertake compensatory classes
- Individual attention to slow learners by specially appointed faculty guide.
- Orientation program towards examination
- Student counseling as required by the individuals
- To strengthen research

### **6.5.3 Is there a central unit within the institution to review the teaching-learning process in an ongoing manner? Give details of its structure, methodologies of operations and outcome?**

The Dental Education Unit takes the responsibility of the teaching learning process through its team. The team includes specially appointed course in-charge for the respective year of study and there by monitor the teaching process, academic performance and student affairs continuously as required by the governing body. The details of the review are communicated to the office of the principal, parent – teacher committee and thereby to the parents.

The above systems has helped the institute in improving its results from 60% to 100%

### **6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?**

The roles and responsibilities of various committees' of the institution are well defined. The IQAC gives a broad roadmap of key quality parameters to be attained. Based on those guidelines, the individual committees function accordingly.

**6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the institution for implementation?**

The main decision making body are the 13 committees which is actually the steering committee of this institution. The IQAC of the Institution constitutes all these committees. These committees meet periodically as per the time table and the decisions are reinforced as per the implementation/ feedback .

**6.5.6 Are external members represented in the IQAC? If so, mention the significant contribution made by such members.**

Yes, Dr.Mathangi, Professor of Physiology, Chettinad Academy of Research and Education is part of Internal Quality Assurance Cell of Chettinad Dental College and Research Institute. She has contributed towards promotion of research activities in our institution.

**6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?**

Yes.

**6.5.8 Are there effective mechanisms to conduct regular clinical audit of the teaching hospital? Give details.**

Yes, medical audit is carried out once a month where by the clinicians discuss about the various critical cases and the outcomes.

**6.5.9 Has the institution or hospital been accredited by any other national / international body?**

Chettinad Dental College and Research Institute has a tie up with the central clinical lab of Chettinad Hospital and Research Institute which is accredited by NABL for carrying out lab investigations. They are in the process of NABH accreditation.

**6.5.10 Does the hospital have institutional and individual insurance schemes to cover indemnity claims?**

Group insurance for students available

**CRITERIA VII: INNOVATIONS AND  
BEST PRACTICES**

## **CRITERIA VII: INNOVATIONS AND BEST PRACTICES**

### **7.1 Environment Consciousness**

#### **7.1.1 Does the institution conduct a Green Audit of its campus?**

At present the process of water audit, energy audit and green audit is under implementation

#### **7.1.2 What are the initiatives taken by the institution to make the campus eco-friendly?**

1.	Energy conservation	1. Installation of VFDs for AHU Blower motors 2. Testing of LED Street Lights being carried out. 3. Solar energy is used for water heating
2.	Use of renewable energy	1. Solar Power Generation – under proposal 2. Bio Energy from Food, Garden and General Waste – under proposal
3.	Water harvesting	Under implementation
4.	Solar panels	1. Proposal for erecting a 100KW Solar Power Generating Plant is underway. 2. 24 Nos. of 500 lpd Solar Water Heaters are installed in Hostels
5.	Efforts for carbon neutrality	The entire campus has been designed in an environmental friendly atmosphere wherein 90% of the area is prohibited for motorized vehicle.  Apart from the above restriction we have also planted more than 50000 plants and about 10000 trees to compliment the carbon neutrality



6.	Plantation Botanical Medicinal significance	- or	Almost 75% of campus is having green cover with various species of plants and trees
7.	Bio-hazardous waste management		1. Enrolled our Hospital in Industrial Waste Management Association.
8.	E-waste management		2. Hazardous Wastes (used DG oil, used grease, cotton waste and batteries) are segregated and stored and disposed off methodically through Tamil Nadu Waste Management Ltd. 3. Biomedical waste compliance is monitored and also complied as per the TNPCB norms. 4. Restricted usage of CD's / DVD's
9.	Effluent treatment and recycling plant		1200 Kl/D (600 Kl/D x 2) ETP are in operation with an average of 750 Kl being treated per day.
10.	Recognition certification environment friendliness	/ for	Yearly renewal of Air and Water consent from Tamil Nadu Pollution Control Board
11.	Any other (specify)		1. Green zone campus 2. Pedestrian friendly pathways 3. Bicycle friendly campus 4. Pollution free battery operated vehicles for all 5. Recycled water for gardens 6. Usage of Solar energy 7. Well ventilated ( air and light) building structures

**7.1.3 How does the institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?**

The Hospital has an infection control team ably assisted by a hospital infection control nurse. The hospital infection control program is devised and monitored by the HIC Committee and infection ratios are monitored.

**7.1.4 Has the institution been audited / accredited by any other agency such as NABL, NABH, etc.?**

The Institution has a tie up with CHRI which has a NABL accreditation for its diagnostic services.

**7.2 Innovations**

**7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the institution.**

- A Quality Assurance cell has been established recently with a cross section of members drawn from Academic (Teaching, Non-Teaching Technical) and Administrative side chairing the IQA panel to effectively monitor and implement methodologies in continual improvement of the Institution.
- By establishing a mechanism to obtain feedback from students on the effectiveness and relevance of the programs offered, learning tools and regarding infrastructure for the students to carry on their activities towards quality education. These feedback are analyzed for necessary corrective, preventive and improvement measures
- In keeping pace with e-Learning, the Institution has established a Web based high level, strategic solution for planning, delivering and managing all events including online, virtual classrooms, and instructor led courses. This facilitates “anytime, any place, any pace” access to learning content and administration is enabled with the main focus on “Advanced Teaching and Learning Technology”. Teaching, learning is through the LMS. Since it is being practiced regularly, all faculties are sensitized to these methods.
- Over 897 outreach programs have been conducted by CDCRI since the year 2009 throughout Tamilnadu and few in the neighboring state.

All staff and students form an integral part of all our outreach activities, awareness and oral health care delivery. These camps are held frequently resulting in internalization of health care to the community at large. Systematic examinations, diagnostic and therapeutic strategies, empathy for the population and taking care of their needs are undertaken.

### **7.3 Best Practices**

#### **A. Learning Management System – IT put to effective use in learning process**

##### **1. Title of the practice**

Chettinad's Learning Management System.

##### **2. Objective of the practice**

The objective of this Learning Management System is to deliver content to all students from a centralized location which would be available online 24/7. It would be a centralized location for the faculty, student and parents to monitor the progress of attendance, marks and educational content downloads. It would help the institution to maintain records of the students which would be easily track able.

##### **3. The context that required initiation of the practice**

The learning management system was brought to provide course materials to students from a central location. The idea was also to provide them with these materials anywhere as long as they are connected to the internet. The enhancements would make course wise distribution, maintenance of records and management of students' records effective. Apart from the above the necessity to measure the student's progress, schedules were also one of the main requirements which initiated this system.

#### **4. The Practice**

Ever-improving technology, new rules and regulations, increased student demands, and a changing workforce are all factors that create an environment where professors must efficiently and effectively deliver and manage learning experiences for their students. These experiences must be easily accessible and easily traceable.

#### **5. Evidence of Success**

##### **Centralized Learning Environment has Ensured Consistency**

The LMS ensures consistency in delivery and evaluation since each user sees the exact same material in the exact same manner and can be evaluated through common pre-testing and/or post-testing methods.

An LMS allows users to easily design and deploy customized courseware. This feature is especially important when hard topics are in for exams, previous years' materials to be made available, or keeping track of students' progress is significant. This feature also applies to updates to circulars and new rules. Students can no longer say, “no one told me that...” or “no one ever gave it to me...” and make education very transparent.

##### **Tracking and Reporting for Enhanced Performance**

The LMS allows students to view all required learning paths, track progress against the learning path, review records of examinations and attendance, and ask doubts online. Teachers can offer this material through various media including instructor-led videos, slide shows, or video conferencing. Institution can access the same records of success and can also analyze the records data to determine areas of success and areas for needed improvement.

##### **Immediate Capabilities Evaluation**

The LMS allows users to be evaluated prior to taking an assignment, while participating in the course, and upon topic completion. Teachers can evaluate retention by periodically administering scheduled assessments via the LMS. They can review the records of the results to determine success levels and the actual time taken to complete each course and its components. Apart from the above, the student usage of this facility is also measured for its effectiveness.

### **Continuous Product and Service Proficiency for Employees who Interact with Customers and Clients**

The LMS provides a central point for the institution to change information, specifications, requirements, forms, and to allow easy uploading of new content or assignments. Students will access the same training courses and the same evaluation materials. Teachers set predetermined course completion dates and monitor the number of students downloading the course at any given point in time. The LMS also allows teachers to administer updates and evaluations online and assess knowledge levels and abilities.

#### **6. Obstacles faced if any, and Resources required**

The learning management system had limited features as common to those distributed around the world. The regular learning management system does not have modules like Attendance, Shopping Cart and Searches. To overcome these obstacles, we custom developed our own Learning Management System which could integrate any kind of module on demand.

**Resources Required :** A computer with any operating system which has a browser Internet connectivity with a minimum speed of 128 kbps

One server with basic features

Software-Visual basic run time

Manpower – 4 (for power point preparation)

### **B. Outreach Program: serving the community**

#### **1. Title of the Practice :**

Chettinad Dental College and Research Institute, Outreach Program

#### **2. Objectives of the Practice:**

- To provide the under privileged rural population with cutting edge health technology in good Dental health practices preventive, palliative, curative and promotive services.
- To make Dental care accessible to the rural population.

- To enable students to gain experience of dental health care set up at the primary health care / grassroots level.
- To enable students to have a first hand glimpse into the way of life of rural masses, and thus develop a holistic outlook on dental and medical practice.
- To create the foundation of an efficient health management information system using data collected in outreach services.
- To enable the logistical infrastructure for community based research projects.

### 3. The context that required initiation of the practice

- **Patient needs - Service gap:** The Chettinad Health City is located in a rural area. The villages here are mainly served by primary Health Centers, which are not equipped to offer dental health care. The outreach programs thus fill this service gap which is created and allows the rural population to avail of cutting edge dental health technology at affordable cost without having to travel long distances.

- **Research/Teaching/Academic needs:**

- Chettinad Dental College and Research Institute students are exposed to the rural health set up. They get a glimpse of life of the Indian masses, and have developed a more holistic outlook towards the practice of dental medicine. They are thus able to empathize with patients and build confidence in their patients.
- The information collected in various outreach programs helps to build up a data base of dental health statistics for the area. This is the need of the hour as far as operations and maintenance of rural health information and management systems are concerned.
- The outreach programs will also aid in conducting community based research studies.

### 4. The Practice:

Since 2007, the institute has conducted more than 1000 camps focusing on various problems pertaining to dental health care.

**5. Evidence of success :**

- Since 2009, the health camps conducted by Chettinad Dental College and Research Institute is as follows –

<b>Year</b>	<b>Type of camp</b>	<b>Total</b>	<b>Total screen</b>	<b>Total Treatment</b>
<b>Oct 2009 to Dec-2010</b>	Screening	147	7649	
<b>2011</b>	Screening	116	10254	
<b>2012</b>	Screening	135	11343	
<b>2013</b>	Screening	200	20841	
<b>Jan-14 to 20.09.2014</b>	Screening	199	25467	
<b>March-2010 to Dec-2011</b>	Treatment	25	1829	1414
<b>2012</b>	Treatment	19	3324	3621
<b>2013</b>	Treatment	34	4209	2819
<b>Jan-14 to 20.09.2014</b>	Treatment	22	1871	1174
<b>Total(from Oct 09 to Sep-14)</b>	Screening	797	75554	
	Treatment	100	11233	9028
<b>Gross Total</b>		<b>897</b>	<b>86787</b>	<b>9028</b>

- Development of self reliance in the community by involving the self help groups village counselors.
- Preventive Dental Health and general health awareness
- Awareness creation on Dental Hygiene
- School Health Program: Creating awareness of oral health and ill effects of tobacco.
- Care of underprivileged/Marginalized groups like the Irulas, Gypsies, Fishermen and construction workers.

- Progress in corporate social responsibility by involving various companies in our outreach programs.

#### **6. Problems encountered and Resources required**

- Poor awareness levels in the community : Tackled by active participation in all Dental health camps, tie up with NGOs in spreading and creating awareness regarding oral hygiene
- Resource restrains: Various MOUs signed with corporate bodies, enabling the industries to discharge their Corporate Social Responsibility (CSR) duties and provides additional resources to the institute.
- CDCRI, Kelembakkam is a central area, with patients coming from Chengalpet, Kalpakkam, Thirukazalikundram and Mahabalipuram. They face the hurdles of long distance travel.
  - Strategy: The institute has developed two urban Health Centers (Karapakkam) catering to the needs of the population in these areas.
  - Rural Health Center is also maintained at Poonjeri which caters to a population of around 10,000.
- Affordability constraints for patients strategy
  - 1) Free treatment packages.
  - 2) Free treatment for senior citizens and physically challenged

#### **Resources required:**

- 1) Finance
- 2) Transportation
- 3) Manpower
- 4) Equipment
- 5) Training for doctors
- 6) Allocation of Doctors/ Faculty for going to camp without affecting Out Patient / In Patient services
- 7) Miscellaneous-for the camp beneficiaries mementoes and certificates for participants



**Part – III**  
**EVALUATIVE REPORT OF THE DEPARTMENT**

**Chettinad Dental College & Research Institute**  
Padur, Rajiv Gandhi salai, IT highway,  
Kelambakkam, kancheepuram district

**DEPARTMENT OF ORAL MEDICINE &  
RADIOLOGY**

**Evaluative Report of the Department**

1. **Name of the Department :**  
Department of Oral Medicine and Radiology.
2. **Year of establishment:**  
2007
3. **Is the Department part of a college/Faculty of the university?**  
Yes, Chettinad Dental College and Research Institute, affiliated to the Tamilnadu Dr. M.G.R. Medical University, Chennai
4. **Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated**  
Under Graduate program in dentistry, Bachelor of Dental Surgery.
5. **Interdisciplinary programs and departments involved**  
Yes, Oral and Maxillofacial Surgery, Oral and Maxillofacial Pathology, Periodontia.
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
9. **Participation of the department in the courses offered by other departments**  
Bachelor of Dental Surgery (B.D.S., Under-Graduate program)

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

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	<b>1</b>	<b>1</b>	<b>1</b>
Associate Professor/Reader	2	2	2
Assistant Professor	NA	NA	NA
Lecturer	2	2	2
Tutor / Clinical Instructor	2	2	2
Senior Resident	NA	NA	NA

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

Name	Qualification	Designation	Specialization	Experience
Jagat RC Reddy	M.D.S	Professor	Medicine and Radiology	10
S. Karpagavalli	M.D.S	Reader	Oral Medicine and Radiology	8
S. Satish	M.D.S	Reader	Oral Medicine and Radiology	6
R. Christeffi Mabel	M.D.S	Lecturer	Oral Medicine and Radiology	3 yrs
C. Seethalakshmi	M.D.S	Lecturer	Oral Medicine and Radiology	1 yr
Dr. Vandana	B.D.S	Tutor	Dentistry	1 yrs
Dr. Visalakshi	B.D.S	Tutor	Dentistry	1yrs

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

None

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

None

**14. Program-wise Student Teacher Ratio**

20:1

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page:490*

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

Oral cancer, cardiovascular disease, Diabetes Mellitus, Geriatrics, Mental Health, Asthma, Ergonomic diseases.

**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.**

None

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

**a) National collaboration b) International collaboration**

PROJECT TOPIC	collaboration	Funding Agencies
Usage of Toluidine blue in identification of a biopsy site in potentially malignant lesions.	General Pathology, CHRI	ICMR
Salivary pH, incidence of dental caries and Periodontal status in Diabetes mellitus.	General Medicine and Biochemistry, CHRI.	ICMR
Prevalence of oral candidiasis in diabetes mellitus – A clinical and cytological study	General Medicine and Microbiology, CHRI.	Self Funding

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

STUDENT NAME	PROJECT TOPIC	THRUST AREA	GUIDED BY
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Mayank Kumar	Usage of Toluidine blue in identification of a biopsy site in potentially malignant lesions.	Oral Cancer	Dr.R.C.Jagat Reddy
Nisha Ashifa.N	Salivary pH, incidence of dental caries and Periodontal status in Diabetes mellitus.	Diabetes Mellitus	Dr.C. Seethalakshmi

**20. Research facility / centre with**

- **State recognition**-None
- **national recognition** -None
- **international recognition** -None

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

No

**22. Publications:**

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

	National	International	H index	Citation
Dr. Jagat Reddy	3	1	2	2
Dr. S. Karpagavalli	4	0	0	0
Dr. S. Sathish	3	1	0	0
Dr. R. Christeffi Mabel	5	0	0	0
Dr. C. Seethalakshmi	4	2	1	2

S.No	Name	Article
1.	Dr. Jagat Reddy	"An Unusual Site of Adenomatoid Odontogenic Tumor Presenting as Periapical (Radicular) Cyst: A Rare Case Report",2010,"Journal of Indian Association of Oral Medicine and Radiology.
		Staging and Medical Management of Oral Submucous Fibrosis",2012,"Journal of Scientific Dentistry

		Oral hamartomas with von Recklinghausen disease",2011,"Annals of Saudi medicine
		Prolotherapy in Temperomandibular Disorders: an Overview. Open Journal of Dentistry and Oral Medicine 1(2): 15-18, 2013
2	Dr. S. Karpagavalli	AMELOBLATOMA / DENTOALVEOLAR ABSCESS.....? The Gregorian Voice. Journal of St.Gregorios Dental College, April 2010; vol 3: issue 1
		DENTIGEROUS CYST OF ANTERIOR PALATE – a rare entity. SMILE – IDA Journal (central Kerala branch) Dec2009 – Feb2010, vol 10; issue1.
		BISPHOSPHONATES : DENTAL CONSIDERATIONS – A REVIEW. Clinical Dentistry Dec 2011.
		Application of CBCT in dentistry JIAOMR, 23(4: P 163 - 167). OCT – DEC. 2011.
3.	Dr. S. Sathish	Application of CBCT in dentistry JIAOMR, 23(4: P 163 - 167). OCT – DEC. 2011.
		Sialolithiasis: A Case report with review of literature, Indian Journal of Multidisciplinary dentistry, vol 2 issue 1: page 377-379. Nov2011 – Jan 2012.
		Oral cancer- a haunting disease. KLR's Getting Research into Practice – GRIP. April – June 2012 – Vol 1: Issue 1.
		Evaluation of reliability ultrasonographic parameters in differentiating benign and metastatic cervical group of lymphnodes , ISRN otolaryngology (Acceptance received)

4	Dr. R. Christeffi Mabel	Ranula – A Case Report . Journal of Indian Academy of Dental Specialists, Vol.1 Issue -3, (Jul. – Sep. ) 2010 : 52-53.
		Cervical Lymphadenopathy- A Review. Journal of Indian Academy of Dental Specialists Vol-2, Issue-1, (Jan-Mar) 2011:31-33
		Adenoid Cystic Carcinoma – A Solid Variant- Case .Report. Journal of Indian Academy of Dental Specialists , Vol-2, Issue-3, (July-Sep). 2011, 191-195.
		Burning Mouth Disorder. Journal of Indian Academy of Oral Medicine and Radiology. Vol.24,Issue : 3, (July-Sep) 2012; 213-216
		Brain Pacemakers: The happiness implants in refractory depression. Journal of Indian Academy of Oral Medicine and Radiology.(Acceptance Received)
4	Dr.C. Seethalakshmi	Fibrous Dysplasia of the Maxilla – Report of two Cases with review. Indian Journal of Multidisciplinary Dentistry, Vol 1, Issue 2, Jan – feb 2011.
		Developmental Bone Defect of the Mandible – An Incidental Radiographic Finding. Indian Dentist Research and Review, Vol 5, Issue 11, July 2011.
		Dental and Skeletal Abnormalities in Apert Syndrome – A Case Report and Review of the Literature. National Journal of Basic Medical Sciences (Indexed), Vol 2, Issue 2 October – December 2011.
		Literature Review of Amelogenesis Imperfecta with Case Report. Journal of Indian Academy of Oral Medicine and Radiology, Vol 24, Issue 1, Jan – March 2012.
		Early Detection of Oral Squamous Cell Carcinoma (Osc) – Role of Genetics: A Literature Review. Journal of Clinical and Diagnostic Research (pub med



		indexed), Vol-7(8): 1824-1826, Aug 2013
		Goldenhar Syndrome – Review with case Series, Journal of Clinical and Diagnostic Research (pub med indexed), (Acceptance received)

**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. R.C. Jagat Reddy in the Editorial board of Indian Journal of Dental Research

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

Faculties attend seminars, conferences and Workshops apart from the regular institutional CDE and CME programs.

**Dr. Jagat Reddy**

<b>S.No.</b>	<b>Conferences/ CDE Programs/Workshops/Seminars</b>
1	Work shop on basic life support at SRMC andRI(DU) Chennai on 28 <sup>th</sup> Aug 2003
2	15 <sup>th</sup> National IAOMR conference held in Hyderabad on 20 <sup>th</sup> and 21 <sup>st</sup> Dec 2003.
3	4 <sup>th</sup> National Triple “O” Symposium in Bangalore on 14 <sup>th</sup> and 15 <sup>th</sup> aug 2004.
4	27 <sup>th</sup> A.P. State dental council conference in Tirupathi from 24 <sup>th</sup> to 26 <sup>th</sup> Nov 2006.

5	National IAOMR conference 2009- Indore.
6	64 <sup>th</sup> Annual Meeting Of American Academy Of Oral Medicine U.S.A.

**Dr. S. Karpagavalli:**

S.No.	Conferences/ CDE Programs/Workshops/Seminars
1	17 <sup>th</sup> Annual Conference of ISDR 26 <sup>th</sup> and 27 <sup>th</sup> November 2005 at Ragas Dental College, Chennai.
2	All India B.D.S. students Convention National Seminar On Oral Medicine and Radiology Dec 20052006, Nov 2007 at Saveetha Dental College, Chennai.
3	XVII National Conference of Indian Academy of Oral Medicine and Radiology 6 <sup>th</sup> – 8 <sup>th</sup> Jan 2006 at Sharad Pawar Dental College, Wardha.
4	National symposium on salivary Gland Diseases 28 <sup>th</sup> and 29 <sup>th</sup> January 2006 at Meenakshiammal Dental College, Chennai.
5	Maxillofacial Imaging 13 <sup>th</sup> February 2006 at SIMATS, Chennai.
6	National symposium on Diagnostic Thrills in Oral Diseases 4 <sup>th</sup> March 2006 at SIMATS, Chennai.
7	Workshop on Oral Health Care and HIV/ AIDS 11 <sup>th</sup> and 12 <sup>th</sup> March 2006 at Hotel Savera, Chennai.
8	Workshop on Anatomical 3- D Modelling 28 <sup>th</sup> May 2006 at Ragas Dental College, Chennai.
9	Workshop on Basic Epidemiology including Statistics and Critical Appraisal 13 <sup>th</sup> to 16 <sup>th</sup> September 2006, SRMCandRI, Chennai.
10	All India B.D.S. students Convention National Seminar On Oral Medicine and Radiology Nov 2006 at Saveetha Dental College, Chennai.

11	The 6 <sup>th</sup> Asian congress of Oral and Maxillofacial Radiology and XVIII National Conference of IAOMR, 8 <sup>th</sup> – 10 <sup>th</sup> Dec 2006 at Bangalore.
12	Triple O National Workshop on Oral Cancer 24 <sup>th</sup> - 26 <sup>th</sup> May 2007, Bangalore.
13	IDA - CDE Programme on: Oral Cancer Prevention 28 <sup>th</sup> August 2007, at Hotel Green Park Chennai.
14	Twentieth National conference of Indian Society for Dental Research 8 <sup>th</sup> and 9 <sup>th</sup> September 2007, at Penang International Dental College, Salem.
15	National PG Convention “JNANADHARE – 2007”, 27 <sup>th</sup> to 29 <sup>th</sup> September 2007, at The Oxford Dental College and Hospital, Bangalore
16	Postgraduate Symposium on TMJ and Orthognathic Surgery, 10 <sup>th</sup> and 11 <sup>th</sup> Nov 2007, at Saveetha Dental College, Chennai
17	All India B.D.S. students Convention National Seminar On Oral Medicine and Radiology Nov 2007 at Saveetha Dental College, Chennai.
18	XIX National Conference Of Indian Academy Of Oral Medicine And Radiology 21 <sup>st</sup> To 23 <sup>rd</sup> Dec 2007 At Hotel Green Park, Chennai
19	Pre Conference Scientific Programme on “CT and MRI in Oral and Maxillofacial Diseases” in XIX National Conference Of IAOMR 21 <sup>st</sup> Dec 2007 At Apollo Hospital, Chennai.
20	5 <sup>th</sup> National conference of Indian Association of Forensic Odontology on 19 <sup>th</sup> and 20 <sup>th</sup> Jan 2008, Chennai
21	“Basic Life Support Course” 31 <sup>st</sup> February 2008 at SRMCandRI, Chennai.
22	Target – Interactive CME on “Head and Neck Imaging” 28 <sup>th</sup> and 29 <sup>th</sup> June 2008 at Hotel Savera, Chennai.

23	Seminar on Oral Cavity in Systemic Diseases 20 <sup>th</sup> September 2008 at Saveetha Dental College, Chennai.
24	ORAL SERIES'08 – CDE Programme on “Advanced Maxillofacial Imaging” 1 <sup>st</sup> Nov 2008 at Rajah Muthiah Dental College and Hospital, Annamalai University, Chidambaram.
25	20 <sup>th</sup> National Conference of I.A.O.M.R. 13 <sup>th</sup> and 14 <sup>th</sup> Dec 2008 at Narayana Dental College and Hospital, Nellore, A.P.
26	The Popular All India BDS Students Symposium – National Seminar on Oral Medicine and Radiology, 11 <sup>th</sup> January 2009 at Sri Ramachandra Dental College and Hospital, SRU, Chennai.
27	National Level CDE Programme in Oral Medicine and Radiology 27 <sup>th</sup> and 28 <sup>th</sup> July 2009 - Sibar Institute of Dental Sciences and University of Medicine and Dentistry of New Jersey, USA at Guntur, AP.
28	National IAOMR P.G. Convention 1 <sup>st</sup> – 2 <sup>nd</sup> August 2009 at K.D. Dental College and Hospital, Mathura(U.P.)
29	National OOO Symposium on 25 <sup>th</sup> and 26 <sup>th</sup> October 2009 at Hyderabad
30	63 <sup>rd</sup> Indian Dental Conference from 12 <sup>th</sup> till 14 <sup>th</sup> January 2010, at Chennai Trade Center, Chennai.
31	National OOO symposium 2010, on 9 <sup>th</sup> and 10 <sup>th</sup> July 2010, at VS Dental College, Bengaluru.
32	National PG Convention in Oral Medicine and Radiology, on 4 <sup>th</sup> and 5 <sup>th</sup> September 2010 at Chennai.
33	All India B.D.S. students Convention National Seminar On Oral Medicine and Radiology Nov 2010 at Saveetha Dental College, Chennai.
34	International Conference in Radiation Biology – Nano technology, Imaging and Stem cell research in Radiation Oncology (ICRB - NISRRO), at Sri Ramachandra University on November 15 <sup>th</sup> to 17 <sup>th</sup> ,

	2010.
35	22 <sup>nd</sup> National Conference of Indian Academy Of Oral Medicine and Radiology, from 17 <sup>th</sup> till 19 <sup>th</sup> December 2010, at New Delhi.
36	23 <sup>rd</sup> National Conference of Indian Society of Dental Research, at Chettinad Health City, on 8 <sup>th</sup> and 9 <sup>th</sup> January 2011.
37	Society for Advanced Dental Imaging at Quality Diagnostics, on 17 <sup>th</sup> April 2011 at Chennai.
38	23 <sup>rd</sup> National Conference of Indian Academy Of Oral Medicine and Radiology, December 2011, at Bangalore.
39	CDE Programme on Vesiculo Bullous Lesions at Sree.Balaji Dental College and Hospital, Chennai on 26 <sup>th</sup> April 2012.
40	NAAC sponsored national seminar on “Outreach - A Catalyst towards improved educational outcome” at Chettinad University, chettinad health city, Kelambakkam on 28 <sup>th</sup> and 29 <sup>th</sup> September 2012.
41	The Popular All India BDS Student Scientific Meet, National U.G. Seminar on Oral Medicine and Radiology on 21 <sup>st</sup> October 2012 at Saveetha Dental College, Chennai.
42	International ISDR Conference, 2013

**Dr. Sivan Satish**

S.No.	Conferences/ CDE Programs/Workshops/Seminars
1	Indian Society of Dental Research, Chettinad Dental College, 2010.

**Dr. R. Christeffi Mabel**

S.No.	Conferences/ CDE Programs/Workshops/Seminars
1	“The Pallavas” 28 <sup>th</sup> Tamil Nadu State Dental Conference organized by Kanchipuram IDA branch on Nov 27 <sup>th</sup> and 28 <sup>th</sup> , 2010 and

	presented a scientific paper.
2	National PG Convention in Oral Medicine and Radiology held at Chennai from 4 <sup>th</sup> -5 <sup>th</sup> Sep,2010 and presented a scientific paper.
3	Hands On course in Laser Dentistry conducted by Indian Academy of Laser dentistry at Chennai on 2011
4	Certified program on Tobacco Cessation – conducted by Cancer Institute and WHO at Cancer Institute , Adyar-Chennai in 2011.
5	Oral Cancer Symposium on an “Integrated approach to the Diagnosis and Management of Oral Cancer” at Tiruchengode on 2012.
6	CDE Programme on Vesiculo Bullous Lesions at Sree.Balaji Dental College and Hospital,Chennai on 26 <sup>th</sup> April 2012.
7	National workshop on Drug Discovery and Development at IIT Chennai on May 11-13, 2012 and presented a scientific paper.
8	CDE Program on “Master Class in Oral Pathology, Medicine and Microbiology” at M.S.Ramaiah Dental College , Bangalore on 10 <sup>th</sup> Aug, 2012.
9	National IAOMR Post Graduate Convention on 25 <sup>th</sup> and 26 <sup>th</sup> Aug, 2012 at Guntur-Vijayawada.
10	NAAC sponsored National Seminar on “Outreach- A Catalyst towards Improved Educational Outcomes” held at Chettinad Academy of Research and Education on 28 <sup>th</sup> and 29 <sup>th</sup> September 2012.
11	National B.D.S Students Seminar on Oral Medicine and Radiology conducted by Indian Academy of Oral Medicine and Radiology at Chennai on 21 <sup>st</sup> October 2012 and chaired a session.
12	CDE Program “Publish or Perish” on 11 <sup>th</sup> Aug,2012 at M.S.Ramaiah Dental College , Bangalore
13	South Indian Undergraduate Dental Convention held on 6 <sup>th</sup> and 7 <sup>th</sup> April at Sri Venkateswara Dental College and Hospital, Chennai and chaired a session.
14	One day workshop on “Diagnostic Ultrasonography for Head and Neck Lesions” held on Feb.2 <sup>nd</sup> ,2013 at Sri. Ramachandra

	University.
15	25 <sup>th</sup> National IAOMR Conference held at King George Medical University, Lucknow on 18-20 , 2013 and presented a scientific paper.
16	Certified Hands On course in CBCT conducted by Aarthi Scans-Vadapalani, Chennai on 26 <sup>th</sup> and 27 <sup>th</sup> Oct, 2013.
17	CDE program titled “Adding Dimensions to Diagnosis” held on 13 <sup>th</sup> March 2014 at Sri Venkateshwara Dental College and Hospital, Chennai.

**Dr. C. Seethalakshmi.**

S.No.	Conferences/ CDE Programs/Workshops/Seminars
1	Attended, NAAC sponsored national seminar on “Outreach - A Catalyst towards improved educational outcome” at Chettinad University, chettinad health city, Kelambakkam on 28 <sup>th</sup> and 29 <sup>th</sup> September 2012.
2	Attended, The Popular All India BDS Student Scientific Meet, National U.G. Seminar on Oral Medicine and Radiology 2010 on 21 <sup>st</sup> October 2012 at Saveetha Dental College, Chennai.
3	Attended CDE programe “principles of CBCT” in Meenakshi Ammal Dental College” on January 30, 2013

**28. Student projects**

- **percentage of students who have taken up in-house projects including inter-departmental projects**  
20 %
- **percentage of students doing projects in collaboration with other universities / industry / institute**  
None

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

- Faculty
  - Dr. S. Karpagavalli
    - **Best Poster Award:** “Imaging of salivary Glands” in The National P.G. Seminar on Oral Medicine and Radiology – 27<sup>th</sup> and 28<sup>th</sup> September 2003 at Chennai.

- **Best Poster Award:** Role of mandible as a predictor of osteoporosis in Postmenopausal women using DXA-study report in **The 6th Asian congress of Oral and Maxillo-facial Radiology** and XVIII National conference of Indian academy of Oral medicine and Radiology – 8<sup>th</sup> – 10<sup>th</sup> December 2006 at Bangalore.
  - Dr. Sivan Satish
    - Second Prize for "Cockayne Syndrome-A Case Report of Two Cases and Review of literature “at XVI Annual Conference of Indian Academy of Oral Medicine and Radiology, Goa
    - Secured "First" Prize in Inter College Quiz Competition Conducted by Indian Academy of Interdisciplinary in Dentistry, Chennai
  - Dr. R. Christeffi Mabel
    - Best Paper Award for “Eagle’s Syndrome – Importance of a correct diagnosis” at national level CDE program in Oral Medicine and Radiology held Guntur
    - University Topper (The Tamil Nadu Dr.MGR Medical University) in Post Graduation (Oral Medicine and Radiology) in the year 2010
- **Doctoral / post doctoral fellows – NIL**

- **Students**

<b>Student Name</b>	<b>Conference</b>	<b>Topic</b>	<b>Award</b>
Cecil Priyanthi	All India B.D.S. Students Scientific Meet - 2012	Quiz	2 <sup>nd</sup> Place
Krishna Priya	All India B.D.S. Students Scientific Meet - 2012	Quiz	2 <sup>nd</sup> Place
Ramnandhini	All India B.D.S. Students Scientific Meet - 2012	Quiz	2 <sup>nd</sup> Place
Kasthuri	All India B.D.S. Students Scientific Meet - 2012	Quiz	2 <sup>nd</sup> Place
Kasthuri 4 <sup>rd</sup> yr	All India B.D.S. Students Scientific Meet - 2012	Google the Lesion	Best Poster
Nasreen Banu 4 <sup>rd</sup> yr	All India B.D.S. Students Scientific Meet – 2012	Google the Lesion	Best Poster



Vigneshwari 4 <sup>rd</sup> yr	All India B.D.S. Students Scientific Meet - 2012	Symposium in The Nile of Oral Cavity and its Ailments	Best Paper
Bhavithra 4 <sup>rd</sup> yr	All India B.D.S. Students Scientific Meet - 2012	Symposium in The Nile of Oral Cavity and its Ailments	Best Paper
Cecil Priyanthi 4 <sup>rd</sup> yr	All India B.D.S. Students Scientific Meet - 2012	Symposium in The Nile of Oral Cavity and its Ailments	Best Paper
Krishna Priya 4 <sup>rd</sup> yr	All India B.D.S. Students Scientific Meet - 2012	Symposium in The Nile of Oral Cavity and its Ailments	Best Paper
Harini Intern	MIDAS FEST 2013	Bullous lichen Planus, a case report	Best Paper
Anbu Meena 3 <sup>rd</sup> yr	CDE – Oral Medicine – the Academic Bridge between Dentistry and Medicine, SRM, Kattankulathur, 2013	Ozone Therapy	Best Poster
Eashwari Jagadish Intern	UG and PG Students Scientific Meet on Divine Dentistry TNGDCH, 2014	Radionuclide – the miracle worker	Best Paper - 2 <sup>nd</sup> place
Keerthana M 3 <sup>rd</sup> yr	CDE Program in Head and neck cancer, Tagore Dental College, 2014	Radiotherapy	Best Poster
Divya Bharathi	CDE Program in Head and neck cancer, Tagore Dental College, 2014	Radiotheraphy	Best Poster

- 30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**  
The college organized the Indian Society of Dental Research conference at Chettinad Dental College and Research Institute 2010.

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

The institutional ethical committee clearance is achieved prior to start of any research work.

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

<b>Name of the Program</b> (refer to question no. 4)	<b>Applications received</b>	<b>Selected</b>	<b>Pass percentage</b>
BDS Final year - Aug'11	61	61	96.72%
BDS Final year - Feb'12	12	12	91.67%
BDS Final year - Aug'12	79	79	81.01%
BDS Final year - Feb'13	25	25	92%
BDS Final year - Aug'13	74	72	97.30%
BDS Final year – Feb-14	22	22	100%

**33. Diversity of students**

<b>Name of the Program</b> (refer to question no. 4)	<b>% of students from the same State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other countries</b>
<b>UG – Final year B.D.S (2013-14)</b>	98%	2%	0%

**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? Give details category-wise.**

The Chettinad Dental College and Research Institute is six years old and so only two batches have graduated. Many aspiring students of the institution are active preparing for the All India post-graduate, state entrance examination and exams conducted by other universities. Few of the students are in the process of appearance in civil service examination and foreign degree programs.

<b>S.No</b>	<b>Name of the Student's</b>	<b>Name of the competitive examinations</b>
1	Dr.Karthikay Kausik	TOEFL, GRE
2	Dr.Vaishnavi Rao	TOEFL

3	Dr.Niharika Dahake	IELTS
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Student progression	Percentage against enrolled
UG to PG	6%
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than campus recruitment</li> </ul>	Employed in dental college – 5 Employed in private clinics – 28 Started own clinics – 28
Entrepreneurs	10%

### 35. Student progression

### 36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	29%
from other universities within the State	71%
from universities from other States	NA
from universities outside the country	NA

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

None

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

- Library - NA
- Internet facilities for staff and students – Available
- Total number of class rooms - 2+1(department)
- Class rooms with ICT facility and ‘smart’ class rooms – 2
- Students’ laboratories – radiology lab 1

f) **Research laboratories – NA**

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

**a) from the host institution/university**

**b) from other institutions/universities**

NA

**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 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 the feedback?**

Yes, feedback is collected through departmental meetings .

The views on the curriculum, teaching schedules, teaching tools, and student assessment outcomes are discussed for taking improvement measures. Internal assessment among the staff members is discussed and ways to improve quality of teaching learning and evaluation methods are adopted.

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

Yes, student feedbacks are collected once in 6 months through questionnaires for feedback on department as a whole and staff as individuals. The finer points of the feedback are summarized and suitable improvement measures adopted accordingly.

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

Yes, feedback from the alumni is received through emails, letters and word of mouth during their periodical visit to the institution

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

So far only 2 batches of students have graduated and yet to gain recognition in their chosen area.

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

- Clinical Society Meetings are organized weekly with inter departmental discussions.
- The Seminars are conducted daily within the department.
- Infection control meetings are organized weekly for students, interns and non teaching staff.

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

- ICT aided teaching.
- Clinical demonstrations and discussions along with the patients.
- Radiographic demonstrations in the radiology department.

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

The objectives of the department are met by monitoring the results from periodic assessment (tests conducted), feedback forms are obtained from the students and also from the final exam results.

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

- Participating in the camps organized by the charities and NGO's.
- Creating medical and dental awareness among the general population and also doing the maximum possible treatment under free of cost.

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

- Participation of the students in specialty conferences, academic quiz competitions and presenting scientific papers and posters
- Motivated the students for doing short studies in department clinics.

**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.**

- Encouraging and guiding the undergraduate students to participate and present scientific papers in the specialty conference
- Building up interests among the undergraduate students to participate in the competitive programs like academic quiz competitions
- Guiding the students to attend orientation programs to have a wider perspective about their future plans
- Also helping them to build a strong clinical orientation by making them to implement their basic knowledge on the clinical cases

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

➤ **STRENGTHS OF THE DEPARTMENT**

- Intellectual and knowledgeable faculties
- Adequate patient flow in OP
- Amenities available in the hospital to enable and plan proper and appropriate treatment for each and every case
- Co-ordination of the teaching and non teaching staffs in building up the department
- Treatment plan specifically tailored for each and every case with adequate follow up
- Individual and personal attention given by the doctors/faculty for each and every case
- 

➤ **WEAKNESS OF THE DEPARTMENT**

- Non-availability of post-graduate programs

➤ **OPPORTUNITIES OF THE DEPARTMENT**

- Enriching ourselves(faculties)by attending CDE and CME programs within the campus at regular intervals for updating of recent trends in the medical and dental fields
- Guide the students for scientific poster and paper presentations at national and international levels
- Existing department infrastructure enables us to look for new avenues of frontiers in terms of clinical research

➤ **CHALLENGES OF THE DEPARTMENT**

- Dynamic and empirical treatment planning is always tailored to cater the special and demanding diagnostic challenges.
- To stay focused on achieving 100% result in under graduate

examinations

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

- To implement advanced technologies available in the field of Oral Medicine and Radiology.
- To adequately fulfill the requirements for Post Graduate program thereby availing Post Graduate program in our institution.
- Enhancing the number of publications, especially focusing on indexed journals.
- To further widen the number of department studies.

**DEPARTMENT OF PEDODONTICS &  
PREVENTIVE DENTISTRY**



**Evaluative Report of the Department**

- 1. Name of the Department :**  
Department of Pedodontics and Preventive Dentistry
- 2. Year of establishment:**  
2009
- 3. Is the Department part of a college/Faculty of the university?**  
Yes, Chettinad Dental College and Research Institute (CDCRI). Under The Tamilnadu Dr. M.G.R Medical University, Chennai.
- 4. Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) Names of programmes offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated**  
Under Graduate programme in dentistry, Bachelor of Dental Surgery.
- 5. Interdisciplinary programmes and departments involved**  
Bachelor of Dental Surgery
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.**  
None
- 7. Details of programmes discontinued, if any, with reasons**  
None
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Annual
- 9. Participation of the department in the courses offered by other departments**  
Bachelor of Dental Surgery (B.D.S., Under-Graduate programme)

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

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	1	1	1
Associate Professor/Reader	2	2	2
Assistant Professor	NA	NA	NA
Lecturer	3	3	3
Tutor / Clinical Instructor	1	1	1
Senior Resident	NA	NA	NA

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

Name	Qualification	Designation	Specialization	Experience
Dr Joe Louis.C	M.D.S	Professor	Pedodontia and Preventive Dentistry	12 years
Dr D. Senthil	M.D.S	Reader	Pedodontia and Preventive Dentistry	6 years
Dr Daya Srinivasan	M.D.S	Reader	Pedodontia and Preventive Dentistry	5 years
Dr Senthil Eagappan	M.D.S	Lecturer	Pedodontia and Preventive Dentistry	3years
Dr Rekha	M.D.S	Lecturer	Pedodontia and Preventive Dentistry	2 years
Dr Senthil Kumar	M.D.S	Lecturer	Pedodontia and Preventive Dentistry	2 years
Dr.Eugine	B.D.S	Tutor	Dentistry	2 yrs

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

None

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

Not Applicable

**14. Programme-wise Student Teacher Ratio**

20:1

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page:490*

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

Dental caries, Oral hygiene, malocclusion, Special child

**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.**

None

**18. Inter-institutional collaborative projects and associated grants received  
b) 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 / centre with**

- state recognition-None
- national recognition-None
- international recognition -None

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

No

**22. Publications:**

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

	National	International	H-Index	Citation
Dr Joe Louis.C	2	1	1	8
Dr Senthil.D	2	-	-	-
Dr Daya Srinivasan	1	-	1	7
Dr Senthil Aegappan	1	-	1	5

S.No	Name	Article
1.	Dr Joe Louis.C	Nayak UA, Louis J, Sajeew R, Peter J. Band and loop space maintainer - Made Easy. JISPPD September (2004); 22 (3): 134- 136.
2		Poovelil MK, Venugopal Reddy N, Arun Prasad Rao V, Louis J. Computed tomography) and conventional radiography as diagnostic tools in dentistry. Kerala Dent J 2008; 31(2): 35-6.
3		Joe Louis. Why do dentists get caries. Newsletter. Condentaire 2004.
4		Oral Lymphangioma as multiple papular lesions of pulp – A case report. Hong Kong Dent J 2011;8:107-10.
5		Punithavathy, Esther nalini, Geetha priya, Rachuri Narendra kumar, Joe louis.C. A greater focus on the knowledge and attitude on the management of children with special needs among primary Dental care providers. .Journal of Indian association of public health dentistry. Volume 2011. Issue 18 suppl III
6		Daya Srinivasan, Senthil Eagappan A.R, Joe Louis.C. Management of persistent non nutritive sucking habit. Chettinad Health City Medical Journal. Volume -1, Number - 2, April - June 2012.

1	Dr Senthil.D	Arun Prasad, Jayanthi.M, Elizabeth Joseph, D.Senthil. The Remineralization potential of CCP-ACP (GC tooth Mousse) and TCP with 0.21% W/w sodium fluoride Anti cavity paste (Clinpro tooth Crème) on artificial caries-like subsurface lesions in Primary and Permanent teeth- An invitro study. Journal of Indian Society of Public Health Dentistry. Volu 2011. Issue 18. suppl III
		Madhavan .V ,Jayanthi. M, Elizabeth Joseph, D.Senthil.Oral health status of children with cardiac disease and the awareness attitude and knowledge of their parents. Journal of Indian Society of Public Health Dentistry. Volu 2011. Issue 18. suppl III
3.	Dr Daya Srinivasan	Daya Srinivasan, M. Jayanthi. Comparative evaluation of formocresol and mineral trioxide aggregate as pulpotomy agents in deciduous teeth. Indian journal of Dental research 2011; 22(3): 385 – 390
		Daya Srinivasan, Jayanthi M, Nilaya Reddy. Fibrous Dysplasia of maxilla. SRM university journal of Dental Sciences.Volume 1 issue 1 January-March 2012.
		Daya Srinivasan, Senthil Aegappan A.R, Joe Louis.C. Management of persistent non nutritive sucking habit. Chettinad Health City Medical Journal. Volume -1, Number - 2, April - June 2012.
4	Dr Senthil Aegappan	Prasad Rao VA, Reddy NV, Krishnakumar, Sugumaran DK, Mohan G, Senthil Aegappan AR Primary double tooth with partial anodontia of permanent dentition – A case report. Journal of Clinical and Experimental Dentistry 2010; 2(2): 99-101
		Daya Srinivasan, Senthil Aegappan A.R, Joe Louis.C. Management of persistent non nutritive sucking habit. Chettinad Health City Medical Journal. Volume -1, Number - 2, April - June 2012

### 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**

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

Dr. Joe Louis.C in the Editorial board of Indian Journal of Dental Research

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

Faculties attend seminars, conferences and Workshops apart from the regular institutional CDE and CME programmes.

**Dr. Joe Louis.C**

<b>S.No.</b>	<b>Conferences/ CDE Programmes/Workshops/Seminars</b>
1.	Attended the CDE Programmeme on Emergency Management, conducted by Kumbakonam IDA on July 2003.
2.	Attended 23 <sup>rd</sup> TN State Dental Conference held at RMDCandH on 5-6 <sup>th</sup> November 2005.
3.	Attended CDE programmeme on “Pain” conducted by Department of Oral and Maxillofacial Surgery, at RMDCH in 2006.
4.	Attended CDE programmeme on “Stem cell research” conducted by Department of Oral and Maxillofacial Pathology, at RMDCH in 2006.
5.	Attended CDE programmeme on Preventive Orthodontics held at RMDCH on 5 <sup>th</sup> September 2008
6.	Attended the CDE Programmeme (PEDOFEST) on “Pedodontics Update” on 14 <sup>th</sup> March 2009 held at R.M.D.CandH.
7.	Attended 23 <sup>rd</sup> National Conference of ISDR held from 7 <sup>th</sup> to 9 <sup>th</sup> January 2011 at Chettinad health city, Chennai.

8.	Attended symposium on composites, organized by Ivoclar Vivadent at hotel Park.
9.	Participated on Pedodontic Debate titled “Extraction vs Non extraction of primary dentition” in 23 <sup>rd</sup> National Conference of ISDR.
10.	Attended 33 <sup>rd</sup> ISPPD Conference held at Mangalore from 4 <sup>th</sup> - 6 <sup>th</sup> November 2011.
11.	Attended National students convention held on 2 <sup>nd</sup> - 4 <sup>th</sup> December 2011 at Chettinad health city, Chennai
12.	Participated in “Research Methodology in Dentistry” conducted at Chettinad Dental College and Hospital on 24 <sup>th</sup> July 2013

#### **Dr. Senthil.D**

1.	CDE programme in Pedodontics and Preventive dentistry at Oxford Dental College, Bangalore in 2004
2.	CDE Programme in “ Mind and Machine- A Rendez” at Rajah Muthiah Dental College and Hospital Chidambaram.2004.
3.	26 <sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive Dentistry, Kolkata 2004
4.	22 <sup>nd</sup> Tamil Nadu state Dental Conference “Con Denaire 2004 at Puduchery
5.	2 <sup>nd</sup> National P.G Convention of ISPPD at A.B Shetty Memorial Institute of Dental sciences, Manglore 2005
6.	CDE programme “ Dental caries a 4 <sup>th</sup> Dimension “ at Rajah Muthiah Dental College and Hospital Chidambaram.2005
7.	23 <sup>rd</sup> Tamil Nadu state Dental Conference at Rajah Muthiah Dental College and Hospital Chidambaram.2005
8.	CDE Programme in “Principles and Practice of Rotary

	Endodontics” at Puducherry 2006
9.	CDE Programmeme in General Anesthesia and conscious Sedation in Pediatric Dentistry with emphais on special child management” at Ragas Dental College and Hospital, Chennai 2007.
10.	CDE programmeme “Pediatric Dentistry-Widening Horizons” at Saveetha Dental College Chennai-2008
11.	CDE Programmeme on Current Concepts of Orthodontics in Pediatric Dentistry at Ragas Dental College and Hospital, Chennai 2008.
12.	30 <sup>th</sup> Annual Conference of ISPPD at Hyderabad -2008
13.	CDE programmeme in Pedodontics in Rajah Muthiah Dental College and Hospital Chidambaram. 2009
14.	CDE programmeme on “ Scientific Presentations of Post Graduate students” at Ragas Dental College and Hospital, Chennai.2010
15.	CDE programmeme on “ Oomph your mind in Pediatric Dentistry at Thai Moogambigai Dental College 2010
16.	23 <sup>rd</sup> National conference Of Indian Society of Dental research in Chettinad Dental College. 2011
17.	CDE programmeme “Technology Techniques and trends today in Pediatric Dentistry” at Rajah Muthiah Dental College and Hospital Chidambaram 2011.
18.	33 <sup>rd</sup> ISPPD conference, Manglore 2011
19.	CDE programmeme in Pedodontics and Preventive dentistry at Oxford Dental College, Bangalore in 2004
20.	CDE Programmeme in “ Mind and Machine- A Rendez” at Rajah Muthiah Dental College and Hospital Chidambaram.2004.
21.	26 <sup>th</sup> Annual Conference of Indian Society of Pedodontics and Preventive Dentistry, Kolkata 2004



22.	22 <sup>nd</sup> Tamil Nadu state Dental Conference “Con Dentaire 2004 at Puduchery
23.	2 <sup>nd</sup> National P.G Convention of ISPPD at A.B Shetty Memorial Institute of Dental sciences, Manglore 2005
24.	CDE programmeme “ Dental caries a 4 <sup>th</sup> Dimension “ at Rajah Muthiah Dental College and Hospital Chidambaram.2005
25.	23 <sup>rd</sup> Tamil Nadu state Dental Conference at Rajah Muthiah Dental College and Hospital Chidambaram.2005
26.	CDE Programmeme in “Principles and Practice of Rotary Endodontics” at Puducherry 2006

**Dr. Daya Srinivasan**

S.No.	Conferences/ CDE Programmes/Workshops/Seminars
1.	Attended 17 <sup>th</sup> Annual ISDR conference at Ragas Dental College, Chennai in November 2005.
2.	Attended 27 <sup>th</sup> ISPPD annual conference at S.D.M. Dental college, Dharwad in December 2005.
3.	Attended Programmeme on Rehabilitation of Cleft Lip and Palate at S.D.M. Dental College, Dharwad in December 2005.
4.	Attended 3 <sup>rd</sup> Post graduates students Convention at Chennai in May 2006.
5.	Attended 28 <sup>th</sup> ISPPD conference at Rohtak in November 2006.
6.	Attended Seminar on Minor oral Surgery for general practitioners by Indian Academy of Intedisciplinary Dentistry on January 2007.
7.	Attended CDE Programmeme on Use and Misuse of Drugs in dentistry, Management of medically compromised patient in Dental chair, Taming the Little Angels at IDA, Puducherry in February 2007.
8.	Attended CDE programmeme on General Anesthesia and Consious

	sedation in pediatric dentistry with emphasis on special child management at Ragas Dental College, Chennai in July 2007.
9.	Attended certificate course on the Thesis search at Meenakshi Ammal Dental College and Hospital, Chennai in October 2007.
10.	Attended 29 <sup>th</sup> ISPPD conference at Bangalore from 21 <sup>st</sup> to 23 <sup>rd</sup> November 2007.
11.	Attended ISDR conference in November 2007 in Hyderabad
12.	Attended 63 <sup>rd</sup> Indian Dental Conference, Chennai.
13.	Attended conference of Tamil Nadu maxillofacial surgeon association 2009
14.	Attended 1 <sup>st</sup> undergraduate Pedodontic Convention held on 4 <sup>th</sup> December 2010 at Sree Balaji Dental College and Hospital, Chennai.
15.	Attended 23 <sup>rd</sup> National Conference of ISDR held from 7 <sup>th</sup> to 9 <sup>th</sup> January 2011 at Chettinad health city, Chennai.
16.	Attended National students convention held on 2 <sup>nd</sup> - 4 <sup>th</sup> December 2011 at Chettinad health city, Chennai
17.	Attended 25 <sup>th</sup> ISDR and IADR(INDIA CHAPTER) INTERNATIONAL CONFERENCE
18.	Participated in “Research Methodology in Dentistry” conducted at Chettinad Dental College and Hospital on 24 <sup>th</sup> July 2013
19.	Participated in 4 <sup>th</sup> UG Pedodontic convention held at Sree Balaji Dental college on 13.12.2013

**Dr. Senthil Aegappan**

S.No.	Conferences/ CDE Programmes/Workshops/Seminars
	Attended 29 <sup>th</sup> ISPPD Conference held at Bangalore from 21 <sup>st</sup> to 23 <sup>rd</sup> November 2007.

	Attended 25 <sup>th</sup> Tamilnadu state Dental Conference held on 1 <sup>st</sup> December 2007 at Erode.
	Attended 30 <sup>th</sup> ISPPD conference held at Hyderabad from 13 <sup>th</sup> to 15 <sup>th</sup> November 2008.
	Attended a CDE programmeme “Cleft symposium 2009” on 4 <sup>th</sup> March 2009 held at Sri Ramachandra Dental College, Chennai.
	Attended a CDE programmeme (PEDOFEST) on “Pedodontics Update” on 14 <sup>th</sup> March 2009 held at R.M.D.CandH.
	Attended 31st ISPPD Conference held at Murad Nagar, Ghaziabad from 12 <sup>th</sup> – 14 <sup>th</sup> November 2009.
	Attended CDE programmeme on “The Update in Orthodontics for Dental Practitioners” conducted by Pondicherry IDA on 21 <sup>st</sup> March 2010.
	Attended 23 <sup>rd</sup> National Conference of ISDR held from 7 <sup>th</sup> to 9 <sup>th</sup> January 2011 at Chettinad health city, Chennai.
	Attended CDE programmeme on Pedo-Endo confluence held on 2 <sup>nd</sup> February 2011 at Sri Ramachandra Dental College, Chennai.
	Attended CDE programmeme “Pedofest” on Technology, Techniques and Trends today in Pediatric dentistry held on 16 <sup>th</sup> July 2011 at Rajah Muthaih Dental College and Hospital, Chidambaram.
	Attended National students convention held on 2 <sup>nd</sup> - 4 <sup>th</sup> December 2011 at Chettinad health city, Chennai
	Attended Hands on course on Inhalation sedation and Basic life support held on 22 <sup>nd</sup> – 24 <sup>th</sup> December 2011 at Sri Sai Dental college, Vikarabad

## 28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects – 4 %

S.No	Name of Proposal	Student	Guide
1	Awareness of child's Dental problems among medical interns	Mughil III year	DrSenthil Aegappan
2	Frequency of change of tooth brush and brushing techniques among children and parents	Neethi III year	DrDaya Srinivasan
3	Primate space and primary molar relationship	Kunguma Supraja-Final year	Dr Senthil.D
4	Dental Findings and treatment needs in Down's Patients	Prathitha III yr	Dr Joe Louis.C

- percentage of students doing projects in collaboration with other universities / industry / institute - None

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

- Faculty

Dr Daya Srinivasan-

- Got fifth prize in essay competition organized by Colgate in 2002
- Best paper award in 23<sup>rd</sup> National Conference of ISDR held at Chettinad health city, Chennai titled "Regenerative Pedodontics" in 2011

- Doctoral / post doctoral fellows – NIL
- Students

Student Name	Conference	Topic	Award
Vedalakshmi and Sahiti setikam 2007-8 batch	UG poster competition at sathyabama university	Treating the negatives of the positives.	Best poster
Pradeepa Ravi and Prasnathi 2007-8	UG poster competition 63 <sup>rd</sup> Indian Dental Conference at chennai	Aesthetics undeterred	Ist prize-poster

Kalaivani and Padmavathy 2007-8	1 <sup>st</sup> undergraduate Pedodontic Convention, Sree Balaji Dental College and Hospital	Ego Defence Mechanisms.	III prize-poster
Kalaivani and Padmavathy 2007-8	23rd National Conference of ISDR, Chennai	Ego Defence Mechanisms.	I prize-poster
Ratan Soni 2007-8	23rd National Conference of ISDR, Chennai.	“Caries Vaccine”	I prize-paper
Taheen Fathima 2007-8	23rd National Conference of ISDR, Chennai	Role of Forensic Odontology	I prize-paper
Kanimozhi 2007-8	23rd National Conference of ISDR, Chennai	Crowns in pediatric dentistry	I prize-paper
Jayavardhini, Akila S.Raghavan, Padamavathy, Kalaivani 2007-8 batch , Sudha , Visalini 2008-9 batch	Pedo Planet LAP quiz		Selected till penultimate round
Gokila 2010-2011	GDC Chennai on 23.1.2014	Prescription in Pedodontics	II prize - paper
Jennifer 2010-11	GDC Chennai on 23.1.2014	Herbal dentistry	I prize-paper
Gowri 2010-11	GDC Chennai on 23.1.2014	Anterior tooth fracture	II prize
Sudha priya , 2009-10	GDC Chennai on 23.1.2014	Probiotics	II prize
Archana , 2009-10	GDC Chennai on	Biomimetics	II prize

	23.1.2014		
Lavanya.I and Alamelu.K 2011- 12	Pedodontic convention held on 13.12.2013 at Sree Balaji Dental College,	Pre surgical treatment for cleft lip and palate	I prize poster
Mayank Kumar Parakh and Shri Raam.U 2011-12	Pedodontic convention held on 13.12.2013 at Sree Balaji Dental College,	Tooth Friendly sweets	III prize poster

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

Organized the Indian Society of Dental Research conference at Chettinad Dental College and Research Institute 2010.

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

The institutional ethical committee clearance is achieved prior to start of any research work.

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

<b>Name of the Programme</b> (refer to question no. 4)	<b>Applications received</b>	<b>Selected</b>	<b>Pass percentage</b>
BDS Final year - Aug'11	61	61	100%
BDS Final year - Feb'12	11	11	100%
BDS Final year - Aug'12	77	70	90.9%
BDS Final year - Feb'13	17	17	100%
BDS Final year - Aug'13	72	71	98.61%
BDS Final year - Feb'14	21	21	100%

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same state	% of students from outside the State	% of students from other countries
UG – Final year(2013-14)	98 %	2%	0%

**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? Give details category-wise.**

The Chettinad Dental College and RI is six years old and so only two batches have graduated. Many aspiring students of institution are active preparing for the All India post-graduate, state entrance examination and exams conducted by other universities. Few of the students are in the process of appearance in civil service examination and foreign degree programmes. Few students have joined Post Graduate courses in other national and international university.

S.No	Name of the Student's	Name of the competitive examinations
1	Dr.Karthikay Kausik	TOEFL, GRE
2	Dr.Vaishnavi Rao	TOEFL
3	Dr.Niharika Dahake	IELTS

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	6%
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than campus recruitment</li> </ul>	Employed in Dental college – 5 Employed in private clinics – 28 Started own clinics – 28
Entrepreneurs	10%

**36. Diversity of staff**

Percentage of faculty who are graduates	
of the same university	14%
from other universities within the State	72%
from universities from other States	14%
from universities outside the country	NONE

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

None

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

a) **Library** - yes

b) **Internet facilities for staff and students** – Available

c) **Total number of class rooms** - 2+1(department)

d) **Class rooms with ICT facility and ‘smart’ class rooms** – 2

e) **Students’ laboratories** – yes

f) **Research laboratories** – NA

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

a) **from the host institution/university**

b) **from other institutions/universities**

None

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

None

**41. Was any need assessment exercise undertaken before the development of new programme(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 the feedback?**

Yes, feedback is collected through departmental meetings in which the views on the curriculum, teaching schedules, teaching tools, and student assessment outcomes are discussed for taking improvement measures. Internal assessments among the staff members are discussed and ways to improve quality of teaching learning and evaluation methods are adopted.

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

Yes, student feedbacks are collected once in 6 months through questionnaires



for feedback on department as a whole and staff as individuals. The finer point of the feedback is summarized and suitable improvement measures adopted accordingly.

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

Yes, feedback from alumni received through emails, letters and word of mouth during their periodical visit to the institution

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

So far only 2 batches of students have graduated and yet to gain recognition in their chosen area.

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

The student enrichment programmes are Clinical Society Meeting, departmental discussions and seminars conducted within the department.

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

- ICT aided teaching.
- Clinical demonstrations and discussions along with the patients.
- Observation of cases done by the faculty on the patients, video demonstrations.

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

The programme objectives are met by conducting periodical internal assessment examination, class discussions and seminars. The department receives feedback from the students and parent through one to one interaction conducted during biannual parent-teacher meet. The feedbacks from the student are also received following the completion of a chapter or term and the feedbacks are evaluated and necessary measures are taken. The Dental education unit (DEU) also includes student members who will give regular inputs on student's requirement.

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

Camp, school oral health based programmes is organized. Department faculty accompanies the students to the camp. Screening is done in the school with the help of school authorities. Parents are informed about the treatment

and oral health needs of the child. An informed consent is obtained from the parents before the starting the treatment. Dental ambulance with Dental chair attached, portable Dental chair, instruments, Dental materials, the autoclave are taken to school venue and treatment is rendered. Special and complicated treatments are given an appointment and patient is asked to come to the main hospital.

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

- The Department trains the students in psychology and in behavioral approach to the student.
- The Department trains the students in rural Dental health programs for children.
- Participation of the students in specialty conferences, academic quiz competitions and presenting scientific papers and posters
- Motivated the students for doing short studies in department clinics.

**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.**

- Encouraging and guiding the undergraduate students to participate and present scientific papers in the specialty conference
- Building up interests among the undergraduate students to participate in the competitive programmes like academic quiz competitions
- Guiding the students to attend orientation programmes to have a wider perspective about their future plans
- Also helping them to build a strong clinical orientation by making them to implement their basic knowledge of the clinical cases
- All the members of the Department regularly attend various CDE Programmeme, Conferences, Workshops to garnish and enrich new knowledge.

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

➤ **STRENGTHS OF THE DEPARTMENT**

- Attached with an Medical college which helps in getting referrals
- Variety of clinical cases for both students and faculty to learn.
- Operation theater facility- for sedation and general Anesthesia helpful for special child, very young child who cannot be managed in O.P set

up.

- Scheduled and Co-ordinated work pattern for students
- Equipped with sufficiently talented, dedicated and responsible faculty team

➤ **WEAKNESS OF THE DEPARTMENT**

- Non-availability of post-graduate programmes

➤ **OPPORTUNITIES OF THE DEPARTMENT**

- Enriching ourselves(faculties)by attending CDE and CME programmes within the campus at regular intervals for updating of recent trends in the medical and Dental fields
- Guide the students for scientific poster and paper presentations at national and international levels
- Existing department infrastructure enables us to look for new avenues of frontiers in terms of clinical research

➤ **CHALLENGES OF THE DEPARTMENT**

- Dynamic and empirical treatment planning is always tailored to cater the special and demanding diagnosed challenges
- To stay focused on achieving 100% result in under graduate examinations

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

- To adequately fulfill the requirements for post graduate programme thereby availing post graduate programme in our institution
- Enhancing the number of publications –especially focusing on indexed journals
- To further widen the number of department studies.

**DEPARTMENT OF ORTHODONTICS &  
DENTOFACIAL ORTHOPEDICS**

**Evaluative Report of the Department**

**1. Name of the Department**

Department of Orthodontics and Dentofacial Orthopedics

**2. Year of establishment**

2009

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

Yes, Chettinad Dental College and Research Institute, affiliated to the Tamilnadu Dr.MGR Medical University.

**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.)**

Bachelor of Dental Surgery- UG Programme.

**5. Interdisciplinary programmes and departments involved**

Bachelor of Dental Surgery

**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

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

Bachelor of Dental Surgery (B.D.S., Under-Graduate programme)

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

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	1	1	1
Associate Professor/Reader	2	2	2
Assistant Professor	-	-	-
Lecturer	2	2	2
Tutor / Clinical Instructor	2	2	2
Senior Resident	-	-	-

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

Name	Qualification	Designation	Specialization	No. of Years of Experience
D Dr S.Venkateswaran	MDS, DNB	HOD and Prof	Orthodontics	17yrs
Dr. Saravana Kumar	MDS	Reader	Orthodontics	8 yrs
Dr Annamalai	MDS	Reader	Orthodontics	6 yrs

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
Dr. Divya	MDS	Lecturer	Orthodontics	4 yrs
Dr. Yamini	MDS	Lecturer	Orthodontics	2 yrs
Dr.Mohammed Asiya Marliya	BDS	Tutor	Dentistry	1yr
Dr.Durga	BDS	Tutor	Dentistry	1yr

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

None

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

Not Applicable

**14. Programme-wise Student Teacher Ratio**

20:1

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page:490*

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

TMJ disorders

**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.**

None

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

**c) 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 / centre 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)**

	National	International	H-Index	Citation
Dr. Venkateswaran	3	5	4	4
Dr. Saravanakumar	3	-	0	0



Dr. Annamalai	3	-	0	0
Dr. Divya	2	-	0	0
Dr. Yamini	1		0	0

**Faculty- Dr Venkateswaran**

S No	Title
1	Treatment of an adult with a periodontally compromised skeletal class II malocclusion; World journal of Orthodontics; Volume.10, No.3; 2009
2	Effect of 3 adhesion boosters on shear bond strength of new and rebonded brackets- An in vitro study; World Journal of orthodontics; Volume 11; no.3; 2010
3	Camouflage treatment for class II division 2 malocclusions - A case report; Journal of Asia Pacific Orthodontic Society; Volume 2; Number 1; February 2011
4	En masse retraction using skeletal anchorage in the tuberosity and retromolar region; Journal of clinical orthodontics; Volume 45, No.5; 2011
5	Comparison of 2 imaging programmes in predicting the soft tissue changes with mandibular advancement Surgery; Volume 12; Number 4; 2011
6	Article review compilation- Journal of Indian Orthodontic Society; Volume43; Number 4; Oct-Dec 2009 Pages 57-60
7	Prevalence and prevention of Dental caries and gingivitis in patients undergoing orthodontics; Journal of the Indian Health of Public Dentistry; Volume ; issue no18, supplement 111, 2011, Pages-938-940
8	Skeletal anchorage using mini-implants in the maxillary tuberosity region; Journal of Indian Orthodontic Society; 2013; 47(4);217-224.

**Faculty- Dr Saravana Kumar**

S No	Title
1	Prevalence of Malocclusion and its correlation with Incidence of Caries and Periodontal Disease -Journal of the Indian association of public health dentistry vol: 2011 issue: 18 suppl. 3, pg 999
2	Correction of class III with asymmetry- A case report –STREAMDENT Vol 02, Issue 04 October-December 2011
3	Diode Lasers applications in orthodontics: Case Series IDA Journal of Mahaboob nagar, Vol 4, Issue 2, Oct 2011.
4	Diagnosis and Management of Temporomandibular Joint Disorders-What the Medical and Dental practitioners should know Chettinad Health City Medical Journal Indexed. Volume -2, Number - 2, April - June 2013
5	A comparative evaluation of frictional resistance between stainless steel, TMA and low friction TMA orthodontic arch wires- an in vitro study. International Journal of recent trends in science and technology 2014;10(1): 74-81
6	An Evaluation and Comparison of Composition and Surface Characteristics of Different Orthodontic Wires – Energy Dispersing Spectrometry and SEM Study. International Journal of Recent Trends in Science And Technology 2014;10(2):233-238

**Faculty- Dr Annamalai**

S No	Title
1	Comparison of Shear Bond Strength of Three Different Company Composites Cured with Plasma Arc Curing Light and a Conventional Tungsten-Quartz-Halogen Curing Light: An in vitro Study

	Indian Journal of Multi Disciplinary Dentistry May – June 2011.
2	COMPARISON OF FRICTIONAL RESISTANCE OF AESTHETIC AND SEMI AESTHETIC SELF LI GATING BRAC KETS , Volume 2 (2011 - 2012) - Issue 4 Indian Journal of Multi Disciplinary Dentistry (Aug 2012-Oct 2012)
3	Diagnosis and Management of Temporomandibular Joint Disorders-What the Medical and Dental practitioners should know. Chettinad Health City Medical Journal Indexed Volume -2, Number - 2, April - June 2013
4	Primary failure of eruption – A case report with cone beam computerized tomographic imaging. Journal of clinical and diagnostic research Indexed, Vol-8(4): ZD14-ZD16, 2014 April.

**Faculty- Dr Divya**

S No	Title
1	Prevalence of Malocclusion and its correlation with Incidence of Caries and Periodontal Disease -Journal of the Indian association of public health dentistry vol: 2011 issue: 18 suppl. 3, pg 999
2	Diagnosis and Management of Temporomandibular Joint Disorders-What the Medical and Dental practitioners should know Chettinad Health City Medical Journal Indexed. Volume -2, Number - 2, April - June 2013

**Faculty- Dr Yamini**

S No	Title
1	Diagnosis and Management of Temporomandibular Joint Disorders-What the Medical and Dental practitioners should know Chettinad Health City Medical Journal Indexed. Volume -2, Number - 2, April - June 2013

**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)

Name of the Faculty	Member	Name of the Journal
Dr S. Venkateswaran	Indian Orthodontic Society	EC member for 3 yrs
	Indian Dental association	Life member
	Journal of Indian Orthodontic society	Review Committee member
	Member of Indian Orthodontic Society	Life member
	World Federation Of Orthodontics( WFO)	Member
	Asia Pacific Orthodontic Conference	Co-Convener
	Dental Surgery CDE programme	Guest lecturer
	Four steps for success for indirect bonding	Invited guest lecture at national orthodontic conference Nov 2013

Dr Saravanakumar	Indian Orthodontic Society	Life member
	ISDR	Scientific committee
	TOMA	Scientific committee
Dr Annamalai	Indian Orthodontic Society	Life member
	Indian Dental association	Member
Dr Divya	Indian Orthodontic Society	Life member
	ISDR	Scientific committee
Dr Yamini	Indian Orthodontic Society	Life member
	Indian Dental association	Life member

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

Yes, the faculties of the department refresh their knowledge and keep themselves updated by active participation in various seminar, workshops and training programme conducted by the professional associations, other colleges and universities.

Following are the conference / workshops attended by the faculty –

**Dr S.Venkateswaran**

INTERNATIONAL	World federation of orthodontists, Sydney, Australia, 2010 Orthodontic midyear convention, Malaysia, 2012. Asia Pacific Orthodontic Conference and National orthodontic conference – Spain-2014
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<b>SPECIALITY</b>	<p>Asia Pacific Orthodontic Conference and National orthodontic conference – New Delhi-2012</p> <p>National orthodontic conference - Khajuraho-2011</p> <p>National orthodontic conference- Mangalore- 2010</p> <p>National orthodontic conference- Mumbai- 2008</p> <p>IOS PG student's convention- Visakapatnam -2012</p>
<b>NATIONAL</b>	<p>IOS PG student's convention- Visakapatnam -2012</p> <p>NAAC-Conference on Outreach programmeme, Chennai 2012.</p> <p>IOS PG student's convention- Pune- 2007</p> <p>National orthodontic conference- Ahmedabad- 2013.</p> <p>18th IOS Post Graduate Students Convention Meerut-2014</p>
<b>STATE</b>	<p>Attended the 1st Zonal Pg convention held at Sri Ramachandra Medical College and hospital, Chennai on 18th and 19th June 2011.</p> <p>Attended a one day work shop on TMD jaw vibration analysis and musculo- stable bite registration at SRMC on October 18th, 2012</p>
<b>Workshops</b>	<p>Orthodontic occlusion and TMJ : an orthodontic prospective (a hands-on course on use of Gnathological Principles in Orthodontic treatment planning) workshop- 18th IOS Post Graduate Students Convention Meerut-2014</p>
	<p>Orthognathic Surgery workshop- 18th IOS Post Graduate Students Convention Meerut-2014.</p>

**Dr Saravana Kumar**

<b>INTERNATIONAL</b>	<p>Asia pacific Dental conference –Colombo, Srilanka - 2010</p>
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<b>NATIONAL</b>	ISDR conference – Chennai 2010 Indian Dental conference – Chennai 2011
<b>STATE</b>	November 2009 Attended 5th Annual Conference of TOMA conference in Chettinad Health City, Chennai
<b>WORKSHOPS</b>	Lingual orthodontics course – Mumbai 2007
<b>CONTINUING DENTAL EDUCATION</b>	7 CDE held in Chettinad Dental college and Research institute
<b>OTHERS</b>	NAAC-Conference on Outreach programmeme, Chennai 2012

**Dr Annamalai**

<b>SPECIALITY</b>	45 <sup>th</sup> National Indian Orthodontic Conference, Mangalore December 2010.  1 <sup>st</sup> Zonal Pg convention held at Sri Ramachandra Medical College and hospital, Chennai on 18 <sup>th</sup> and 19 <sup>th</sup> June 2011.  46 <sup>th</sup> National IOS Conference held at Khajuraho in 2011 Asia Pacific Orthodontic Conference and 47 <sup>th</sup> National orthodontic conference – New Delhi-2012. 48 <sup>th</sup> National IOS conference In Ahmedabad in Nov 2013
<b>NATIONAL</b>	XIX Annual Conference of Indian Society for Dental Research and IADR – India section held at Trivandrum

	<p>in December 2006.</p> <p>ISDR conference – Chennai 2010</p> <p>The 63<sup>rd</sup> Indian Dental Conference held at Chennai, February 2010.</p> <p>24<sup>th</sup> ISDR conference held at Madurai in 2011.</p> <p>Attended the 25<sup>th</sup> ISDR International conference held at Chennai October 3<sup>rd</sup> to 5<sup>th</sup>, 2012.</p> <p>Indian Dental conference – Chennai 2011</p>
<b>STATE</b>	<p>5th Annual Conference of TOMA conference in Chettinad Health City, Chennai November 2009</p>
<b>WORKSHOPS</b>	<p>“Research methodology–modern trends” held in March 2007 at Trivandrum.</p> <p>Micros implant Anchorage by Dr.Hyo Sang Park at Saveetha University, Chennai in July 2008.</p> <p>Workshop on Lingual Orthodontics conducted by Sree Balaji Dental College at Chennai in May 2009.</p> <p>“Obstructive Sleep Apnea” by Dr.Vas Srinivasan in December 2010 at Sree Balaji Dental College and Hospital, Chennai.</p> <p>TMD jaw vibration analysis and musculo stable bite registration at SRMC on October 18<sup>th</sup>, 2012.</p> <p>What every dentist needs to know about TMD-Jeffery Okeson</p> <p>TMD and Orthodontics- Dr Anoop Sondhi</p>



<b>SYMPOSIUM</b>	On “Flapless Implant Surgery” by Dr.Ash Vasanthan on 12 <sup>th</sup> January 2011 at Sree Balaji Dental College and Hospital, Chennai.
<b>CONTINUING DENTAL EDUCATION</b>	<p>Minimal Intervention CDE programmeme by David Manton conducted by GC India in January 2010 at Chennai.</p> <p>Future Dental Professionals programme” by Indian Dental Association in September 2010.</p> <p>” Attended the Golden Jubilee Clinical Society Meeting at Sree Balaji Dental College, Chennai on 24<sup>th</sup> November 2010.</p> <p>“Prevention of entry of flavivirus into the host cell” by Dr.Ravikumar Rajamanonmani held at Sree Balaji Medical College and hospital, Chennai on 16.12.10.</p> <p>On “Cleft lip and palate – Orthodontics” held at The Tamilnadu Government Dental College on December 2010, Chennai.</p> <p>7 CDE held in Chettinad Dental college and Research institute</p>
<b>OTHERS</b>	<p>NAAC-Conference on Outreach programmeme, Chennai 2012</p> <p>Chaired a scientific session at the Asia Pacific Orthodontic Conferenece and National orthodontic conference – New Delhi-2012.</p>

**Dr.Divya**

SPECIALITY	41st IOS conference, Chennai. 2006 november 11th IOS PG Students' Convention at New Delhi 2007 January 12 th IOS PG Students' Convention at Pune 2007 october 42nd IOS conference Nagpur 2008 January
NATIONAL	63RD IDA national conference chennai- 2010 23RD National conference of ISDR 2011
STATE	5TH TOMA conference chennai – 2009 Tamil Nadu state IDA Conference, Kanchipuram- 2011
WORKSHOPS	Workshop on micro screw anchorage by Hyo-Sang Park, Saveetha Dental college, Chennai 2008 Workshop on biomechanics in orthodontics at GDC Bangalore 2008 June Workshop on self ligating brackets 2008 october
CONTINUING DENTAL EDUCATION	7 CDE programmes held in Chettinad Dental college and research institute
OTHERS	NAAC-Conference on Outreach programmeme, Chennai 2012

**Dr Yamini**

SPECIALITY	42 nd Indian Orthodontic Conference, Nagpur 2007 43rd Indian Orthodontic Conference, Mumbai. 2008 44th Indian Orthodontic Conference, 2009
STATE	November 2009 Attended 5th Annual Conference of TOMA conference in Chettinad Health City, Chennai

WORKSHOPS	Micro implant Anchorage conducted by Dr.Hyo Sang Park at Saveetha University, Chennai in July 2008.
SYMPOSIUM	Dr.William Clark's Post Conference course on Functional Appliances Nagpur 2007
CONTINUING DENTAL EDUCATION	7 CDE held in Chettinad Dental college and Research institute
OTHERS	NAAC-Conference on Outreach programmeme, Chennai 2012

## 28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

10%

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

None

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

- Faculty

Faculty	Awards	Year
Prof and HOD Dr.Venkateswaran	DNB Orthodontics	2001
	Diplomat of the Indian Board of Orthodontics	2002

- Doctoral / post doctoral fellows

Not Applicable

- Students – None

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

Following are the conference / workshops Organized by the faculty–

CONFERENCE	23rd ISDR national conference	Funding by Chettinad Dental College
CONFERENCE	5th TOMA conference	Funding by Chettinad Dental College
WORKSHOP	Orthodontic occlusion and TMJ : an orthodontic prospective (a hands-on course on use of Gnathological Principles in Orthodontic treatment planning) workshop- 18th IOS Post Graduate Students Convention Meerut-2014	Funding by Indian Orthodontic Society
WORKSHOP	Orthognathic Surgery workshop- 18th IOS Post Graduate Students Convention Meerut-2014.	Funding by Indian Orthodontic Society

**31. Code of ethics for research followed by the departments** - For all research projects, CDCRI has an MOU with CARE for submission and clearance of such research projects

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

Name of the Programme (refer to question no. 4)	Applications received	Selected	Pass percentage
Aug-2011	61	61	95%

<b>Name of the Programme</b> (refer to question no. 4)	<b>Applications received</b>	<b>Selected</b>	<b>Pass percentage</b>
Feb-2012	<b>13</b>	<b>13</b>	<b>77%</b>
Aug-2012	<b>82</b>	<b>82</b>	<b>62%</b>
Feb-2013	<b>40</b>	<b>40</b>	<b>92.5%</b>
Aug-2013	<b>75</b>	<b>75</b>	<b>94.7%</b>
Feb-2014	25	25	100%

### **33. Diversity of students**

<b>Name of the Programme</b> (refer to question no. 4)	<b>% of students from the same state</b>	<b>% of students from other State</b>	<b>% of students from other countries</b>
UG-2013-14	98%	2%	0%

### **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? Give details category-wise.**

<b>S.No</b>	<b>Name of the Student's</b>	<b>Name of the competitive examinations</b>
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1	Dr.Karthikay Kausik	TOEFL, GRE
2	Dr.Vaishnavi Rao	TOEFL
3	Dr.Niharika Dahake	IELTS

### 35. student progression

Student progression	Percentage against enrolled
UG to PG	6%
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	Employed in Dental college – 5 Employed in private clinics – 28 Started own clinics – 28
Entrepreneurs	10%

### 36 Diversity of staff

Percentage of faculty who are graduates	
of the same university	14%
from other universities within the State	72%
from universities from other States	14%
from universities outside the country	-

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

<b>Faculty</b>		<b>Year</b>
Prof and HOD Dr.Venkateswaran	DNB Orthodontics	2001
Prof and HOD Dr.Venkateswaran	Diplomat of the Indian Board of Orthodontics	2002

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

**a) Library:** Nil

**b) Internet facilities for staff and students:**

**One computer and I -pad with WIFI and laptops for every student**

**c) Total number of class rooms:** 3

**d) Class rooms with ICT facility and ‘smart’ class rooms:** 2

**e) Students’ laboratories:** 2

**f) Research laboratories:** NA

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

**a) From the host institution/university**

NA

**b) From other institutions/universities**

NA

**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**

**A. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes, we use the feedback forms to improve the quality of teaching and learning methods. Responses also serve as one measure of the quality of faculty member's teaching that is used to evaluate. This is also used in updating the syllabus and introducing new courses and programmes.

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

The feedbacks are used to improve teaching and in order to ensure consistency and quality of the courses taught, quality circle meetings are conducted class wise.

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

The feedback forms of the alumni and the employers are used to improve the teaching methods and guide us for obtaining the quality teaching. Teaching the concepts through practical demonstration and special attention is given to slow learners.

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

So far only 2 batches of students have graduated from the institution comprising a bunch of aspiring young talents.

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

**Following are the conference / workshops Organized by the faculty–**

Nil

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

- Students are increasingly using technology in their everyday life for communication and learning. Engage with innovative opportunities in technology to provide the best learning experience for students.
- Learning management system (LMS) consists of power point



presentations of all the classes taken by our department.

- We conduct online test and assignments by using LMS.
- LMS also consists of varieties of wire bending videos.
- Students get a first hand experience to learn about fixed and removable appliance
- Fabrication of various functional appliance in the department
- Students get an experience on Cephalmetric Tracing

#### **46. Student staff mentorship:**

Each student of the institution has been assigned under a faculty in the student – staff mentorship programme. The faculties help the students in identifying the various problems and provide appropriate support to the student.

#### **47. How does the department ensure that programme objectives are constantly met and**

##### **learning outcomes are monitored?**

- Department evaluation meetings
- Students feedback survey
- By conducting regular internal assessment exams
- Regular wire bending tests
- Continued Dental education(CDE) programmes
- Discussions among the students and faculty to improve the standards.

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

- By conducting various Dental camps in schools, colleges, offices etc to create awareness among public.
- Orientation programmes among public.

**47. Give details of “beyond syllabus scholarly activities” of the department:**

- Learn about fixed and removable appliance
- Various functional appliance in the department
- Cephalometric Tracing
- Continued Dental education(CDE) programmes
- Dental camps in schools, colleges, offices etc to create awareness among public.
- Orientation programmes among public.

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

None

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

- By practicing lingual orthodontics
- Self ligating bracket systems
- Micro implants for retraction
- Temporomandibular joint(TMJ) splints for TMJ disorders

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

**Strengths:**

- Digital OPG and lateral cephalograms
- Adequate infrastructure for teaching UG and Pg students
- Student centered teaching
- Well trained and qualified faculty
- Easy and fast retrieval of orthodontic patient records.

**Weaknesses:**

- Even though the patient flow for this academic year has increased, but

the variety of cases has to be improved

- Less frequency of team teaching
- Should conduct collaborative teaching with other institutions
- Less focus on personal attention
- Less frequent workshops, seminars and conferences for students

**Opportunities:**

- Students get a first hand experience to learn about fixed appliance.
- Leadership and social entrepreneurship opportunities for students
- Fabrication of functional appliance in the department
- Fabrication of temporomandibular joint splints in the department.
- Students get an experience on Cephalmetric Tracing

**Challenges:**

- To get molded for leadership by conducting workshops , seminars and conferences for students
- 100% placements for students
- Advancement in field of orthodontics to strengthen research facility
- Inter-institutional collaborative projects and associated grants
- Conducting and participating in International conferences

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

- Improving the variety of cases -TMJ disorders, Orthognathic Surgery, mini Implants.
- Conducting work Shops
- More number of CDE programmes
- Bring out quality research papers.

## **DEPARTMENT OF PERIODONTICS**

**Evaluative Report of the Department**

- 1. Name of the Department**  
Department of Periodontics
- 2. Year of establishment**  
2009
- 3. Is the Department part of a college/Faculty of the university?**  
Yes, the department is part of Chettinad Dental college and research institute.
- 4. Names of programs offered**  
Bachelor of Dental Surgery (BDS)
- 5. Interdisciplinary programs and departments involved**  
Bachelor of Dental Surgery (BDS)
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Not applicable
- 7. Details of programs discontinued, if any, with reasons:**  
None
- 8. Examination System:**  
Annual
- 9. Participation of the department in the courses offered by other departments**

S.No	Department Involved	Name of the Programe	Date
1	Department of Oral and Maxillofacial Surgery and Department of Prosthodontics	Nobel Bio-Care Implant Course including hands-on and live demonstration held in Chettinad Health City	7 <sup>th</sup> - 9 <sup>th</sup> January 2011
2.	Public Health Dentistry	CDE in Research Methodology	July 2013

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

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	1	1	1
Associate Professor/Reader	2	2	2
Assistant Professor	NA	NA	-
Lecturer	1	1	1
Tutor / Clinical Instructor	1	1	1

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

Name	Qualification	Designation	Specialization	No of years of experience
Dr.Anitha .V	MDS	Professor	Periodontics	10
Dr.Shanmugam M	MDS	Associate Professor	Periodontics	7.5
Dr.B.Ashwath	MDS	Senior Lecturer	Periodontics	3
Dr.Meena Priya	MDS	Senior Lecturer	Periodontics	2
Dr.Sadhana	B.D.S	Tutor	Dentistry	1

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :**  
None

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

Not applicable

**14. Program-wise Student Teacher Ratio :**

25:1

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page:490*

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

Oral cancer , Cardiovascular disease, Diabetes Mellitus, Geriatrics, Mental Health, Asthma, Ergonomic diseases.

**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**

Annexure -4; page:301

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

**a) National collaboration b) International collaboration**

<b>S No</b>	<b>Name of the Project</b>	<b>Collaborating institution</b>	<b>Grants</b>
<b>1</b>	Prevalence of gingival squamous cell carcinoma and its outcome-a retrospective observational study	Govt.Arignar Anna Cancer Institute, Kanchipuram	Self Funding
<b>2</b>	The frequency of medically compromised patients visiting Chettinad Dental college and research institute, kanchipuram district. a retrospective study	General Medicine, CHRI	Self Funding

3	Periodontal risk assessment in patients with supportive periodontal therapy	Inter department	Self Funding
4	Evaluation of oral and periodontal health status among dialysis patients	Dept. of nephrology, CHRI	Self Funding
5	Assessment of oral lesions and periodontal status among smokeless tobacco users	Dept of dentistry, CHRI	Self Funding
6	Insulin resistance index in diabetes patients with and without periodontal disease	Dept of general medicine, CHRI	Self Funding
7	Periodontics as a career option for post graduation	Thai Moogambikai, Balaji, Meenakshi Ammal, Ragas Dental college, Chennai	Self Funding
8	Periodontal knowledge , awareness and attitude in general Medical practioners	Medical college	Self Funding
9	Estimation of high sensitivity c- reactive protein in patients with periodontal disease and without coronary artery disease	Dept of cardiology	Department of Periodontology
10	Comparative evaluation of curcumin and chlorhexidine as a local drug delivery in the management of chronic periodontitis	Dept of Microbiology	Department of Periodontology

Annexure-2; page:290



**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** : None
- **national recognition** : None
- **international recognition**: None

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

Analysis of Highly sensitive C-reactive protein in patients with periodontal disease, CHRI, Microbiology lab.

**22. Publications:**

**Number of papers published in peer reviewed journals (national / international) – annexure 1; page:284**

	National	International	H index	Citation	Impact factor
Dr.Anitha	22	3	2	7	1
Dr.Shanmugam	14	-	2	9	1
Dr.Meena Priya	7	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**

None

**26. Faculty serving in**

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

**Dr.V.Anitha**

- Associate Editor of Chettinad Health city Medical Journal

- Editorial Board – ISDR

**Dr.M.Shanmugam**

- Reviewer- Chettinad Health city Medical Journal

**Dr.B.Meenapriya**

- Reviewer- Chettinad Health city Medical Journal

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

All the faculties of the department frequently attend CDE programs conducted in college by various specialties. We conduct intra departmental seminars, case discussions, short topic discussions with interns and webinars by intellectuals and experts. The faculties attended national and international conferences. The faculties attended IQAC national seminar on outreach programs and research methodology program organized by public health dentistry.

Courses attended: Dr.Shanmugam- Management in human resource management,  
Indian forensic science- Diplomate in forensic odontology

	National conference					International conference					Symposium/ Seminars					Workshops				
	20 10	2 0 1 1	2 0 1 2	2 0 1 3	2 0 1 4	20 10	20 11	20 12	20 13	20 14	20 10	20 11	20 12	20 13	20 14	2 0 1 0	2 0 1 1	2 0 1 2	2 0 1 3	2 0 1 4
Dr.Anitha	3	2	-	-	1	1	-	-	-	-	1	-	1	1	-	-	-	1	1	-
Dr.Shanmugam	3	4	-	-	-	-	-	-	-	-	2	-	-	1	-	2	2	1	-	-
Dr.Ashwath	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	2	-	-
Dr.Meena Priya	2	1	-	-	-	-	-	-	-	1	6	5	-	1	-	1	1	-	1	-

Annexure-3; page: 292

## 28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects-  
100%
- percentage of students doing projects in collaboration with other universities / industry / institute –  
20%

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

Staff	Awards
Dr.Anitha	1. Dr.K.L.Baby Award for the best article title “Melanin Depigmentation of gingiva - case report “ by kerala Dental association. 2. CoastalAndhra National Award for the best paper in Periodontics on “A case Report –Coverage of Lingual Recession with GTR” in the 63rd National Conference of Indian Dental Association.
Dr.Shanmugam	1. <u>III<sup>rd</sup> Place</u> Awarded In Tissue Engineering In Periodontics- <u>Poster</u> Presented In XXI <sup>st</sup> Tamilnadu State Dental Conference-Ooty, on 29 <sup>th</sup> and 30 <sup>th</sup> Nov.2003. 2. Best Paper Award in “The association of periodontal disease and cardiovascular disease-A Case control study” paper presented in 23 <sup>rd</sup> National Indian Society for Dental Research Conference held in 7 <sup>th</sup> -9 <sup>th</sup> January 2011 at Chettind Health City.
Dr. B.Meena Priya.	Debate Competition- Best Speaker Award. 34th National Conference Of Indian Society Of Periodontology, Dharwad

▪ **Doctoral / post doctoral fellows:** NA

▪ **Students –**

Student Name	Conference	Topic	Award
Dr.Jessica(intern)	MIDAS Fest 2013 Chennai	Effect of anti inflammatory property of curcumin in periodontal disease – an observational study	Best paper award
Dr.Sai Prabha	CDCRI	BDS examination	ISP academic award

Presented :

- Herbs in dentistry –Ms.Mughil(III BDS) –IDA Hyderabad

- Evaluation of oral health and emotional status in patients with halitosis
- Assessment of oral hygiene status among female Dental students (Dr.Sheik Nadhiya)- MIDAS 2013
- Assessment of oral hygiene status among Dental students(Dr.Sujith)- GDC 2013
- Careers opted by Indian dentists post UG- Ms.Andrea Suresh(IV BDS)-Sathyabama Dental College April 2014

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

- 23<sup>rd</sup> ISDR national conference
- 5<sup>th</sup> TOMA conference

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

Yes. The research works of the department are submitted and presented to ethical committee prior to the commencement.

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

Name of the Program (refer to question no. 4)	Applications received	Selected	Pass percentage
BDS Final year - Aug'11	61	55	90%
BDS Final year - Feb'12	16	15	93.7%
BDS Final year - Aug'12	79	66	83.5%
BDS Final year - Feb'13	23	23	100%
BDS Final year - Aug'13	72	70	97.2%
BDS Final year-Feb'14	21	21	100%

**33. Diversity of students**

Name of the Program	% of students from the same state	% of students from outside the State	% of students from other countries
UG – Final year B.D.S (2013-14)	98%	2%	0 %

**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? Give details category-wise.**

The Chettinad Dental College and RI is six years old and so only two batches have graduated. Many aspiring students of institution are actively preparing for the All India post-graduate and state entrance examination and exams conducted by other universities. Few of the students are in the process of appearance in civil service examination and foreign degree programs.

S.No	Name of the Student's	Name of the competitive examinations
1	Dr.Karthikay Kausik	TOEFL, GRE, MPH-University of North Carolina.
2	Dr.Vaishnavi Rao	TOEFL
3	Dr.Niharika Dahake	IELTS

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	10%
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	Employed in Dental college – 5 Employed in private clinics – 28 Started own clinics – 28
Entrepreneurs	10%

**36. Diversity of staff**

Percentage of faculty who are graduates	
of the same university	40%
from other universities within the State	40%
from universities from other States	20%
from universities outside the country	-

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

None

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

a) **Library** – yes

b) **Internet facilities for staff and students** –

Yes two computers with internet for staff and one laptop per student with wi-fi and lan connectivity provided. Apart from that one tablet PC is provided for HOD.

c) **Total number of class rooms-** 3 (1- seminar room)

d) **Class rooms with ICT facility and ‘smart’ class rooms-** 2

e) **Students’ laboratories** – NA

f) **Research laboratories** – NA

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

a) **from the host institution/university**

b) **from other institutions/universities**

None

**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 program(s)? If so, highlight the methodology.**

NA

**42. Does the department obtain feedback from**

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

Yes, feedback is collected through departmental meetings in which the views on the curriculum, teaching schedules, teaching tools, student assessment outcomes are discussed for taking improvement measures. Internal assessment among the staff members are discussed and ways to improve quality of teaching learning and evaluation methods are adopted.

**b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes, student feedbacks are collected once in 6 months through questionnaires for feedback on department as a whole and staff as individuals. The finer points of the feedback is summarized and suitable improvement measures adopted accordingly.

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

Yes, feedback from alumni received through emails, letters and word of mouth during their periodical visit to the institution.

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

So far only 2 batches of students have graduated and yet to gain recognition in their chosen area.

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

Yes, Dr Guru Raja Rao, lecture on periodontal Surgery

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

- Teaching students- staff mentorship 2:1,
- Clinical teaching via audio visual aids, clinical models
- periodic clinical tests are conducted at the end of the clinical posting
- periodic conductance of seminars, revision tests, viva voce

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

1. Periodic meetings with the faculty in the department. (twice a month)
2. Department conducts monthly tests and clinical tests at the end of each

clinical posting. Moreover we conduct examination question paper and viva question discussions to know their understanding of the topic periodically.

3. Through the PTA committee the feedback is obtained from the parents to improve the student's performance.

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

Yes, the students and faculty of the department take part in the camps organized by various organization and institutions. The faculties and the students are involved in creating awareness on effects of periodontal health. The faculties and the students of the department participate in outreach programs and perform periodontal procedures.

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

We encourage students in short term surveys, research program and writing scientific articles.

**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.**

Department has formulated Chapterwise MCQs, viva questions and clinical manual

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

**Strengths:**

- Co ordinate work -Equal distribution of work
- Mentorship/guide
- Well scheduled intradepartmental activities
- Research work
- Completed more than 1000 laser surgical cases in Periodontics.
- Adequate infrastructure for the program offered

**Weaknesses:**

- More staff strength required to face the increasing amount of clinical cases and research works in the department



**Oppurtunities:**

- For students: Students are allowed to assist all kinds of surgical procedures which encourages them to face the clinical cases in their future practice
- Students are permitted to perform minor surgical cases
- For department: More than sufficient amount of surgical cases for starting post Graduation. The Department has required facilities for placement of Dental implants since 2009.
- Platform for short term study works and publications for interns

**Challenges:**

- To motivate the public regarding awareness about the periodontal disease and prevent the incidence of the periodontal disease
- More staff members are required to strengthen the future challenges of the department

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

- To do more research projects (National)
- To introduce laser and implant programs (fellowship)
- Post graduation
- Dental hygienist course

### Annexure – 1

S.No	Name	Article
1	<b>Dr.V.Anitha</b>	Papillon-Lefevre syndrome - Evidence based report. Pakistan Oral and Dental Journal 2008; 27:175-178.Dr.Bhavana, Dr.V.Anitha, Dr.R.Vijavalakshmi, Dr.T.Ramakrishnan, Dr.Vikram Bali.
2		Double lateral sliding bridge flap for the coverage of denuded roots: two case reports. PERIO-Periodont Pract Today 2008
3		Is there an association between periodontal disease and acute myocardial infarction? – A cross-sectional study. Periodontal practice today 2008; 5 (1): 57-63. Dr.R.Vijavalakshmi, Dr.T.Ramakrishnan, Dr.N.Ambalavanan, Dr.Pamela Emmadi, Dr. R.Saravana Kumar, Dr. V.Anitha, Dr.Bhavana.
4		Photodynamic therapy- A Review - ISP-2006 - Dr.V.Anitha, Dr. T.Ramakrishnan, Dr. P. Aravind Kumar
5		Double laterally repositioned flap for root coverage - a report of two cases. Journal of Indian society of periodontology Aug 2008 Dr. V. Anitha, Dr.T.Ramakrishnan, Dr. Aravind
6		Management of furcation defect by bicuspidization - a case report – In JIDA2008; 2: 69 70. Dr.R.Vijavalakshmi, Dr.T.Ramakrishnan, Dr.V.Anitha, Dr. R.Saravana Kumar, Dr.Biju Mammen, Dr.Vikram Bali.
7		Melanin depigmentation of the gingiva- three case reports- Kerala Dental journal2007, Dr.V.Anitha, Dr.T.Ramakrishnan, Dr.P.Aravind Kumar, Dr.R.Vijavalakshmi.
8		Effect of external beam radiotherapy on the oral cavity and the periodontium - Kerala Dental journal 2007 - Dr.R.Vijavalakshmi, Dr.V.Anitha, Dr.Biju Mammen, Dr.T.Ramakrishnan, Dr.R.Saravanakumar
9		Periodontal status of cleft lip and palate patients - a case series. JIAPHD Nov 2007;10:81-89.Dr.Uma Sudhakar,

		Dr.Ramesh Babu,Dr.Pamela Emmadi, Dr. R.Vijayalakshmi, Dr.V.Anitha, Dr.Bhavana.
10		Occurrence of gingival overgrowth in post renal transplant patients treated with cyclosporine -A and its possible associations with periodontal and pharmacological Variables .JIAPHD Nov 2007; 10: 90- Dr.V.Anitha,Dr.Srilakshmi, Dr.T.Ramakrishnan, Dr.Pamela Emmadi, Dr.N.Ambalavanan.
11		Periodontal vaccines- An overview. JIAPHD Nov- 2007; 10:96100. Dr.Bhavana, Dr.V.Anitha, Dr.Uma Sudhakar, Dr.R.Vijayalakshmi.
12		A cross sectional study on prevalence and determinants of Dental caries among school children of Padur – Journal of Indian Association of Public Health Dentistry-Vol:2011; Issue:18
13		A cross sectional study of awareness of Dental hygiene among school children in Chennai- Journal of Indian Association of Public Health Dentistry Vol:2011; Issue:18.
14		Obesity and Periodontics-review- Indian Journal of Multidisciplinary dentistry-2012.
15		“Clinical Evaluation of Alloderm For Root Coverage and Colour Match”- Journal of Indian Society of Periodontology (Indexed in Pubmed) –April-June-2012:Vol:16; Issue-2
16		Esthetic management of gingival recession using GTR membrane with osteoinductive bone graft matrix-a case report. Pondent Journal-2012
17		Prevalence of Malocclusion and its correlation with incidence of caries and periodontal disease-The Journal of the Indian association of public health dentistry Vol: 2011; Supple: III; Issuee: 18; 999-1003.
18		Evidence-based periodontal therapy: An overview. R Vijayalakshmi, V Anitha, T Ramakrishnan, Uma Sudhakar. Journal of Indian Society of Periodontology 2009;12(3):62

19		Double Laterally Rotated Bilayer Flap Operation for Treatment of Gingival Recession-A Report of Two Cases. V Anitha, R Vijayalaskhmi, J Bhavna, T Ramkrishnan, Vikram Bali. Journal of the Indian Dental Association 2008;
20		Diabetes and Dental diseases. Dr.B.Meena Priya, Dr.V.ShivaKumar, Dr.V.Anitha, Dr.M.Shanmugam. Chettinad Health City Medical Journal 2013
21		Dental Implants with Simultaneous Guided Bone Regeneration. Dr.V.Anitha, Dr.V.Shivakumar, Dr.M.Shanmugam, Dr.R.Saravanakumar. Chettinad Health City Medical Journal 2013
22		A Rare Combination of Aggressive Periodontitis with Multiple Impacted Supernumerary Teeth. Dr. Shanmugam M, Dr. Anitha V, Dr. Shivakumar V, Dr. Meena Priya B. Chettinad Health City Medical Journal July - September 2013; Volume -2, Number – 3:96-98.
23		The frequency of medically compromised patients visiting Chettinad Dental college and research institute, kanchipura district. a retrospective study . Chettinad health city Medical Journal 2014
1	<b>Dr.M.Shanmugam</b>	“Clinical and Histological Evaluation of two Dressing Material in the Palatal Wound Healing”- Journal of Indian Society of Periodontology Vol 14; Issue 4; Oct-Dec-2010, 241-244).
2		“Clinical Evaluation of Alloderm For Root Coverage and Colour Match”- Journal of Indian Society of Periodontology (Indexed in Pubmed) –April-June-2012:Vol:16; Issue-2
3		Esthetic management of gingival recession using GTR membrane with osteoinductive bone graft matrix-a case report. (Pondent Journal-2012)
4		A cross sectional study on prevalence and determinants of Dental caries among school children of Padur – (Journal of Indian Association of Public Health Dentistry-Vol:2011; Issue:18).

5		A cross sectional study of awareness of Dental hygiene among school children in Chennai- (Journal of Indian Association of Public Health Dentistry Vol:2011; Issue:18).
6		Prevalence of Malocclusion and its correlation with incidence of caries and periodontal disease-The Journal of the indian association of public health dentistry-Vol:2011;Supple:III;Issue:18; 999-1003.
7		Management of periapical lesion using autologous growth factors and osteoinductive bone graft with guided tissue regeneration –a case report. (Streamdent Journal-2011)
8		Scope of photodynamic therapy in Periodontics and other fields of dentistry-Journal of Interdisciplinary Dentistry/May-Aug 2012/Vo-2/Issue-2; 78-83
9		Aesthetic replacement of missing tooth using fiber splint-a case report-Chettinad Health City Medical Journal-vol 1; No 1; 31-33;Jan-March-2012.
10		Relationship Between Osteoporosis and Periodontitis-Chettinad Health City Medical Journal-vol 1; No 1;Jan-March-2012.
11		Diabetes and Dental diseases. Dr.B.Meena Priya, Dr.V.ShivaKumar, Dr.V.Anitha, Dr.M.Shanmugam. Chettinad Health City Medical Journal 2013
12		Dental Implants with Simultaneous Guided Bone Regeneration. Dr.V.Anitha, Dr.V.Shivakumar, Dr.M.Shanmugam, Dr.R.Saravanakumar. Chettinad Health City Medical Journal 2013
13		A Rare Combination of Aggressive Periodontitis with Multiple Impacted Supernumerary Teeth. Dr. Shanmugam M, Dr. Anitha V, Dr. Shivakumar V, Dr. Meena Priya B. Chettinad Health City Medical Journal July - September 2013; Volume -2, Number – 3:96-98.
14		The frequency of medically compromised patients visiting Chettinad Dental college and research institute, kanchipura district. a retrospective study . Chettinad health city Medical Journal 2014

1	<b>Dr.B.Ashwath</b>	Site based plaque removal efficacy four branded tooth brush the effect of dental floss in inter proximal plaque removal randomized examiner blind controlled study.Quintessence International 2014; 45:577-584
2		Self perceived halitosis and oral hygiene habits in undergraduate dental Students.Journal of Indian society of Periodontology 2014; 357-360
3		Resective procedures in the management of mandibular furcation Involvement. Journal of Interdisciplinary dentistry 2014; 4:41
4		Mandibular symphysis graft for ridge augmentation. International journal of clinical cases and investigations 2013;5(3): 12-18
5		Management of combined gingival and alveolar fenestrations report of rare case. Journal of orofacial research 2013; 3:466-469
1	<b>Dr B Meena Priya</b>	Dr.Meena Priya, Dr.Anitha, Dr.Shivakumar, D.Shanmugam.Diabetes and Dental diseases. Chettinad Health City Medical Journal 2013
2		Dr.Meena Priya, Dr.Aruna.Dr.Sandeep-Drugs inhibiting Periodontal bone loss. Bangalore Dental Journal 2013
3		Meena Priya Pranitha Kangondhi, Manjunath,Sowmya. Cellular capillary haemangioma: A case report. Karnataka State Dental Journal 2013
4		S Shetty, V Pitti, CL Satish Babu, Meena Priya. Restoration of anterior missing teeth using computer-aided manufacturing CAD/CAM zirconia restoration: A multidisciplinary report Journal of Interdisciplinary Dentistry 2012; 2 (1), 35
5		A Rare Combination of Aggressive Periodontitis with Multiple Impacted Supernumerary Teeth. Dr. Shanmugam M, Dr. Anitha V, Dr. Shivakumar V, Dr. Meena Priya B. Chettinad Health City Medical Journal July - September 2013; Volume -2, Number – 3:96-98.

6		The frequency of medically compromised patients visiting Chettinad Dental college and research institute, kanchipuram district. a retrospective study . Chettinad health city Medical Journal 2014
7		An innovative combined three dimensional augmentation of alveolar ridge using Titanium Mesh, PRF and autogenous bone graft with implant placement- a case report. Vinayak Gowda, Dr.Meena priya. Chettinad health city Medical Journal 2014
8		A critical review of bisphosphonates in periodontics. JIDAT 2013

**Annexure -2**

**RESEARCH PROJECTS OF THE DEPARTMENT OF PERIODONTICS**

<b><i>Completed</i></b>		
1	Oral hygiene practices among Dental students of Chettinad Dental college students	2012-2013
2	Estimation of HsCrp in patients with chronic periodontitis without coronary heart disease	2013-2014
3	The frequency of medically compromised patients visiting Chettinad Dental college and research institute, kanchipuram district. a retrospective study	2013-2014
4	Pattern of occurrence of oral squamous cell carcinoma and its outcome	2013-2014
5	Post operative bacteremia among periodontal patients with and without antibiotic prophylaxis	2013-2014
6	Comparison of chlorhexidine and curcumin as a local drug delivery agent- clinical and microbiological study	2013-2014
7	Periodontal referral among general practitioners	2011-2012
8	Relationship between periodontal and cardiovascular disease- a retrospective study	2009-2010
9	Assessment of periodontal disease among Pregnant women	2009-2010
10	Comparison between conventional and laser curettage -a clinical and microbiological study	2011-2012
11	Dental health status in disabled children	2012-2013
<b><i>Ongoing</i></b>		



1	Periodontal risk assessment in patients with supportive periodontal therapy	2013-2014
2	Evaluation of oral and periodontal health status among dialysis patients	2013-2014
3	Assessment of oral lesions and periodontal status among smokeless tobacco users	2013-2014
4	Insulin resistance index in diabetes patients with and without periodontal disease	2013-2014

### ANNEXURE-3

**Dr.Anitha**

<b>INTERNATIONAL</b>	<p>1. International Academy of periodontology, regional meeting, 27-28 ,2010 at Sri Ramachandra University,Chennai.</p> <p>2.Asia Pacific Society of Periodontology,4 November-2005,Chennai</p> <p>3. First international Conference on thesis writing and scientific publication,Feb 6-7,2008.Chennai.</p>
<b>SPECIALITY</b>	<p>1.26 th Indian Society of periodontology National Conference,22-23 Dec-2001,Trivandrum.</p> <p>2.27 th Indian Society of periodontology National Conference, Mount Abu,Rajasthan,22-24 Nov-2002.</p>
<b>NATIONAL</b>	<p>1.58 th Indian Dental Conference ,Vijayawada,Andhrapradesh,22-25 Jan 2004.</p> <p>2.63<sup>rd</sup> Indian Dental Conference ,Chennai,12,13,14 Febrauary,2010.</p> <p>3.57 th Indian Dental Conference,Chennai,23-26 Jan,2003.</p> <p>4.23 rd National Conference of ISDR in Chennai,7 Jan,2011</p> <p>5.24 th National Conference of ISDR in Madurai,14-16 oct 2011</p>
<b>STATE</b>	<p>1. Dentocon21 st Tamil Nadu State Dental Conference, 29-30 Nov, 2003, Ooty.</p> <p>2. Indian Dental Conference, Rajasthan, 9-10 2010, Bikaner.</p> <p>3.5 th Toma Conference, 21-22 Nov, 2009, Chennai.</p>
<b>SEMINARS</b>	Nil
<b>WORKSHOPS</b>	

	<ol style="list-style-type: none"> <li>1. International Workshop on Dental education.24-26,2006, Chennai .</li> <li>2. 1 st National Workshop on Ethical issues in medical, Dental research and publication, ISDR, Chennai,30 th Aug 2009.</li> <li>3. 6 th National Post graduate workshop, Trivandrum, 14-15 July 2007.</li> <li>4. Indian Society of periodontology, post graduate workshop,13-14 July, 2002,Chennai.</li> <li>5. Oral Health care and aids Workshop,Chennai,11-12 March 2006.</li> <li>6. National Informatics Center ,New Delhi and journal of oral and maxillofacial pathology,Jan 21 st 2012,Ragas Dental College Chennai.</li> </ol>
<b>SYMPOSIUM</b>	<ol style="list-style-type: none"> <li>1.Dental Council of India Scientific symposium, Diamond Jubilee Celebration,30 th Jan 2010</li> <li>2. National Symposium on current concepts in periodontology, Meenakshi Ammal Dental College,2-3 Sep,2006.</li> </ol>
<b>CONTINUING DENTAL EDUCATION</b>	<ol style="list-style-type: none"> <li>1.Perio-interactions,CDE,2008,Chennai,</li> <li>2.4 th CDE Organised by IDA, Madras Branch, Periodontics for General Dental Practioner, 2010.</li> <li>3.Periodontal and peri-implant soft tissue management 18<sup>th</sup> to 19 th dec-2009, Meenakshi Ammal Dental college, Chennai.</li> <li>4. posterior composite-a sensitive issue, 25<sup>th</sup> sep -2008, Sri Ramachandra Dental college, Chennai.</li> <li>5.The Endo day, lecture on endodontics conducted by IDA madaras branch, 18<sup>th</sup> March 2007, chenani.</li> <li>6. Dental education program in Dental implantology 7<sup>th</sup> Feb-2006, Meenakshi Ammal Dental college, Chennai.</li> <li>7.Inter collegiate PG education program, 31<sup>st</sup> Jan 2004, Ragas Dental college, Chennai.</li> <li>8.Bangalore Academy of Periodontology (Periodarshan)</li> </ol>

	6-7 <sup>th</sup> Dec-2003, Sri Ramachandra Dental college, Chennai. 9.CDE on 14-15 <sup>th</sup> June 2003, Govt Dental college, Trivandrum, Kerala.
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**Dr.Shanmugam**

<b>INTERNATIONAL</b>	1. Attended 6 <sup>th</sup> Asian Pacific Society of Periodontology Meeting on 4 <sup>th</sup> November 2005 at Chennai, India.
<b>SPECIALITY</b>	1. Attended 4 <sup>th</sup> ISP Post Graduate Workshop-Nasik on 4 <sup>th</sup> to 6 <sup>th</sup> June 2004. 2. Attended 29 <sup>th</sup> National Conference of ISP-Mangalore on 18 <sup>th</sup> to 21 <sup>th</sup> Nov. 2004. 3. Attended Givadent -`05 Perioconvention, Rajah Muthiah Dental College, Annamalai University.29 <sup>th</sup> and30 <sup>th</sup> Jan 05. 4. Attended 30 <sup>th</sup> Annual Conference of the ISP on 5 <sup>th</sup> ,6 <sup>th</sup> and 7 <sup>th</sup> of November 2005 at Chennai. 5. Attended 5 <sup>th</sup> National Post Graduate Workshop of Indian Society of Periodontology held on 5 <sup>th</sup> and 6 <sup>th</sup> May 2006 at Coorg. 6. <b>Indian Academy of Periodontology National Conference</b> attended on 27 <sup>th</sup> and 28 <sup>th</sup> of August 2010 held at Sri Ramchandra University Chennai. 7. <b>National Conference</b> attended 35 <sup>th</sup> National Conference of <b>Indian Society of Periodontology</b> –held at Bangalore on 27 <sup>th</sup> to 30 <sup>th</sup> Nov. 2010.

<b>NATIONAL</b>	<ol style="list-style-type: none"> <li>1. Attended 58<sup>th</sup> Indian Dental Conference- Vijayawada, Andharpradesh on 22<sup>nd</sup> to 25<sup>th</sup> Jan. 2004.</li> <li>2. Attended 3<sup>rd</sup> National Conference of Forensic Odontology - Ragas Dental College, Chennai on 19<sup>th</sup> Dec. 2004.</li> <li>3. Attended 17<sup>th</sup> National Conference of the Indian Society of Dental Research on 26<sup>th</sup> and 27<sup>th</sup> of November 2005 at Ragas Dental College and Hospital, Chennai.</li> <li>4. Attended I<sup>ST</sup> South India Dental Conference on 16<sup>th</sup>, 17<sup>th</sup> and 18<sup>th</sup> of December 2005 at Kochin.</li> <li>5. National Conference attended <b>63<sup>rd</sup> Indian Dental Conference</b> held in Chennai on 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> of February 2010.</li> <li>6. Working has <b>Organizing Scientific Committee</b> in 23<sup>rd</sup> National <b>Indian Society for Dental Research</b> Conference held on 7<sup>th</sup>-9<sup>th</sup> January 2011 at Chettinad Health City.</li> <li>7. National Conference attended <b>64<sup>rd</sup> Indian Dental Conference</b> held in Jaipur on 10<sup>th</sup> to 13<sup>th</sup> of February 2011.</li> <li>8. 24<sup>th</sup> National <b>Indian Society for Dental Research</b> Conference held on 15<sup>th</sup>-17<sup>th</sup> October 2011 at CSI Dental college at Madurai.</li> </ol>

	<p>9. National Conference for UG students attended in chettinad Health City at Chennai on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> of December 2011.</p>
<b>STATE</b>	<p>1. Attended Xxi<sup>st</sup> Tamilnadu State Dental Conference-Ooty, on 29<sup>th</sup> and 30<sup>th</sup> Nov. 2003.</p> <p>2. State Conference attended 5<sup>th</sup> TOMA conference held at Chettinad Health City, Chennai on 21<sup>st</sup> and 22<sup>nd</sup> November 2009.</p>
<b>SEMINARS</b>	<p>1. Attended presentation on Endosseous-implants by –Dr. Charles Weiss on 11<sup>th</sup> March 2005 at Ragas Dental College, Chennai.</p> <p>2. Attended perio-interactive session on Current trends in Periodontics at IADA hall, on 18<sup>th</sup> August 2005 at Chennai.</p>
<b>WORKSHOPS</b>	<p>1. Attended 4<sup>th</sup> <b>ISP Post Graduate Workshop</b>- Nasik on 4<sup>th</sup> to 6<sup>th</sup> June 2004.</p> <p>2. Attended <b>Givadent -'05 Perioconvention</b>, Rajah Muthiah Dental College, Annamalai University. 29<sup>th</sup> and 30<sup>th</sup> Jan 05.</p> <p>3. Attended <b>IDA workshop on Immediate loaded Implants</b> by Dr. Leonard Linkow during the 3<sup>rd</sup> American Academy of Implant Dentistry Maxicourse 2006 on 4<sup>th</sup> April 2006 at Chennai.</p> <p>4. Attended <b>5<sup>th</sup> National Post Graduate Workshop</b> of Indian Society of Periodontology held on 5<sup>th</sup> and 6<sup>th</sup> May 2006 at Coorg.</p> <p>5. <b>Workshop</b> attended- <b>“Research proposal writing”</b> conducted by the medical education unit of Chettinad hospital and research institute, Chettinad University on 22<sup>nd</sup> and 23<sup>rd</sup> January 2009, Chennai.</p>

	<ol style="list-style-type: none"> <li>6. <b>Hands-on Course (Workshop)</b> attended- “<b>Nobal Bio-Care Implant</b>” held at Chettinad Health City, Chennai on 21<sup>st</sup> November 2009.</li> <li>7. <b>Workshop</b> attended- <b>“Research methodology in health science”</b> by Dr.Thayagarajan, Director of research committee at Sri Ramachandra University, Chennai, Tamil Nadu, India held on 23<sup>rd</sup> March 2010 at Chettinad Health City, Chennai, Tamil Nadu, India.</li> <li>8. <b>Organized “In House Camp”</b> in Chettinad Dental College and Research Institute on December 2009.</li> <li>9. <b>Organized and attended “Stress Management workshop”</b> held on 2010 at Chettinad Health City, Chennai, Tamil Nadu, India.</li> <li>10. <b>Workshop “Piezo Surgery in Periodontal Therapy”</b> Attended at Sri Ramachandra University Chennai held on 27<sup>th</sup> and 28<sup>th</sup> of August 2010.</li> <li>11. <b>Contributed towards No Tobacco Day</b> Campaign, held on 29<sup>th</sup> May 2011, by Indian Dental Association, Madras Branch and State Tobacco Control Cell.</li> <li>12. <b>“Soft Tissue and Hard Tissue Laser” Pre-Conference</b> Course attended on 7<sup>th</sup> of January 2011 held at Chettinad Health City, Chennai.</li> </ol>
<b>SYMPOSIUM</b>	<ol style="list-style-type: none"> <li>1. Participated Bangalore academy Of Periodontology-Ramachandra Dental College, Chennai on 6th and 7th Dec. 2003.</li> <li>2. Participated National Symposium on Pulp-An interdisciplinary Approach-Meenakshi Ammal Dental College, Chennai on 13th Dec. 2003.</li> </ol>

<b>CONTINUING DENTAL EDUCATION</b>	<ol style="list-style-type: none"> <li>1. Organized and Participated Perio-Interactive Session-Ragas Dental College, Chennai on 31<sup>st</sup> Jan. 2004.</li> <li>2. Attended Perio-Interactive Session-Ramachandra Dental College, Chennai on 13<sup>th</sup> Dec. 2004.</li> <li>3. Participated Free Dental Checkup program conducted by Colgate Company in the month of September-October 2009,2010 at Chennai.</li> <li>4. Participated Oral Health Awareness Day by Colgate Company 2009,2010.</li> <li>5. Attended CDE Program –PHD on “Research Methodology” July 2013.</li> </ol>
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**Dr.Meena Priya**

<b>INTERNATIONAL</b>	IAP regional conference Mumbai Jan 2014
<b>SPECIALITY</b>	
<b>NATIONAL</b>	34 <sup>th</sup> ISP National Conference, Dharward. IX ISP National PG Convention, Tirupati. 35 <sup>th</sup> ISP National Conference, Bangalore. X ISP National PG Convention, Chennai.
<b>STATE</b>	Attended Givadent 2009 perioconvention at Chidambaram Oral medicine and radiology conference at Saveetha Dental College
<b>SEMINARS</b>	1.Oral hygiene day organised by BAP at Siddhartha Dental college, Tumkur 2.Lecture and live demonstration on “Sinus lift procedure and lecture on “Management of implant



	<p>complications – A periodontal perspective”</p> <p>3.Grafting techniques in implantology at Oxford Dental college</p>
<b>WORKSHOPS</b>	<p>1.Pre-conference on ‘New Frontiers of Periodontal Medicine’ by Dr.Genco-34<sup>th</sup> ISP Conference, Dharward.</p> <p>2.Pre-Conference course on ‘Sinus Lift Surgery’- 35<sup>th</sup> ISP National Conference, Bangalore.</p>
<b>SYMPOSIUM</b>	<p>1.Symposium and Hands course on Implant-Prosthodontics: Practical considerations at V.S.D.C, Bangalore.</p> <p>2.‘Symplaq’ at K.L.E. Society of Dental Sciences, Bangalore.</p>

<b>CONTINUING DENTAL EDUCATION</b>	1.Orientation program- Rajiv Gandhi university 2.‘Dentine Hypersensitivity-Diagnosis, Etiology and Biological approach to Management’ - by Dr. Martin Addy at M. S. Ramaiah Dental College, Bangalore. 3.Career options in dentistry 4.‘Pedagogy’ V.D.C.H, Bangalore- Dr.Shashidar Venkatesh Murthy 5.Basics of clinical research – RGUHS by Piramal knowledge academy 6.Gender and tobacco with emphasis on marketing to women – VSDCH 7.Antimicrobials in Periodontics 8.Basic life support 9.Dentin hypersensitivity and pro algin technology- a new perspective and its managements 10.Outreach- a catalyst towards improved education outcomes 11.Research Methodology in Dentistry
<b>OTHERS</b>	Clinical photography- at VS Dental college by Dr. Mayilvahanan

#### Annexure -4 Ongoing pilot studies

S No	Research projects	Student name	Guide name
1	Post operative bacteremia following periodontal Surgery- a microbiological study	G.Priyadharshini, Amritha	Dr.Anitha
2	Association between periodontal disease and hsCRP- a marker for cardiovascular disease	G.Priyadharshini, Amritha	
3	Comparative analysis of curcumin and chlorhexidine as a local drug delivery agent- a clinical and microbiological study	Hanimitha, Priyadharshini	
4	Comparison between lip prints and finger prints	Snega.E and Lavanya	Dr.M.Shanmugam
5	Parental attitude and awareness towards the care for their child Primary teeth	Lavanya	
6	periodontal risk assessment for patients in supportive periodontal therapy	sowmiya, pallavi,shahinas begum	
7	Periodontal knowledge , awareness and attitude in general practioners	Dharmisha, Krishnapriya	
8	Dental Pain in Children with Intellectual Disabilities	Aishwarya S , Anitha ,Savan	
9	Attitude of general dentists	Shanmugapriya	

	towards periodontal referral		
10	laser applications in mild periodontitis- a comparative study	-	
11	Patient satisfaction in Dental op	Vigneshwari	
12	initiation and motivation for smoke and smokeless tobacco	Sam Prasanth	
13	Knowledge of HIV/AIDS and attitude of Dental students	Lakshmi Kiruthika	
14	Assessment of the prevalence of myths regarding oral health among general population	Snega.E, Shreya Penukonda	
15	Knowledge of Dental students and paramedical staffs about hospital waste management.	Preetha Balaji	
16	Oral Hygiene practice among general public visiting Periodontics OP.	Archana, Ramyasri	
17	Oral hygiene status among the Dental college students in Chennai	Sujith	
18	Comparison of green tea and chlorhexidine mouth washes in the control of plaque and gingivitis	Suganthi D silva, Vigneshwari	
19	Career choices among Dental professionals in	Vidhu, Tejasri, Yazhini,	

	Tamil nadu	Tamil Selvi, Yeshwini	Dr.Meena Priya
20	Periodontics as a career option for post graduation	Sai Swetha, Palaniappan	
21	Gingival crevicular blood glucose a painless assessment of blood sugar	Aishwarya, Archana	
22	Comparison of oral mucosal lesions and periodontal status among smokeless tobacco users and smokers	Palaniappan	
23	Association of periodontitis with cognitive impairment in older adults	Sathish	
24	Oral hygiene status among the female Dental college students in Chennai	Sheik Nadhiya	
25	Periodontitis and Oral health Impact Profile	Dharmisha	

**DEPARTMENT OF PROSTHODONTICS and  
CROWN & BRIDGE**

**Evaluative Report of the Department**

**1. Name of the Department**

Department of Prosthodontics and Crown and Bridge

**2. Year of establishment**

2007

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

Yes, Chettinad Dental College and Research Institute, affiliated to the Tamilnadu Dr. M.G.R. Medical University, Chennai

**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.) –**

Under Graduate programme in dentistry, Bachelor of Dental Surgery.

**5. Interdisciplinary programmes and departments involved**

Bachelor of Dental Surgery

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

Not Applicable

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

None

**8. Examination System:**

Annual

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

Department of Oral and Maxillofacial Surgery and Department of Prosthodontics	Nobel Bio-Care Implant Course including hands-on and live demonstration held in Chettinad Health City,	7 <sup>th</sup> - 9 <sup>th</sup> January 2011
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**10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	1	1	
Associate Professor/Reader	2	2	
Assistant Professor	NA	NA	
Lecturer	3	3	
Tutor / Clinical Instructor	2	2	
Senior Resident	NA	NA	

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

Name	Qualification	Designation	Specialization	years of experience
Dr. Sridharan .R	MDS	HOD	Prosthodontics and implantolgy	12 yrs
Dr. Khalid Ghiaz	MDS	Reader	Prosthodontics and implantolgy	9 yrs
Dr. Eazhil R	MDS	Reader	Prosthodontics and implantolgy	7 yrs
Dr. Peter John	MDS	Senior Lecturer	Prosthodontics and implantolgy	4 yrs
Dr. Saritha M.K.	MDS	Senior Lecturer	Prosthodontics and implantolgy	3 yrs
Dr. Deepak K	MDS	Senior Lecturer	Prosthodontics and implantolgy	2 yr
Dr.Alen Richard	BDS	Tutor	Dentistry	1yr
Dr.Ajoy Kumar	BDS	Tutor	Dentistry	1yr



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

None

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

Not Applicable

**14. Programme-wise Student Teacher Ratio-**

20:1

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page:490*

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

- Nutritional Problems of Ageing
- Evaluation of burden and management of chronic diseases in elderly
- Drug studies in ageing.
- Studies on health systems research in geriatrics.
- Health profile of the elderly in India.

**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.**

None

**18. Inter-institutional collaborative projects and associated grants received  
d) National collaboration b) International collaboration. –**

S.No	Name of the project	Collaborating institution	Funding agency
1	Tooth loss in Diabetic patients-Dr.Sridharan	Dept of General Medicine, CHRI	Chettinad Dental College Aand Research Institute
2	Effect of adding E-glass fibres on impact strength of heat cure denture base resins.-Dr.Eazhil	Engineering college	Chettinad Dental College and Research Institute

**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**-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)

Name of the Faculty	National <sup>#</sup>	International <sup>#</sup>	H-index	Citation
Dr. Sridharan R	2	2	-	-
Dr. Khalid Ghiaz	2	-	-	-
Dr. Eazhil R	1	-	-	-
Dr. Peter John	-	-	-	-
Dr. Saritha M.K.	1	2	-	-
Dr. Deepak K	1	1	-	-

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**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. Sridharan–Sirona Dental equipments Germany and Baush Company , Germany

Dr. Khalid Ghiaz - Sirona Dental equipments Germany and Baush Company , Germany

Dr.Peter John- Maxillofacial Prosthodontics training programmeme in CMC, Vellore.

**26. Faculty serving in**

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

Dr. Sridharan : Reviewer - Journal of Indian Prosthodontics society

Executive committee member Indian Prosthodontic society

Executive member – Tamilnadu implantology and  
Prosthodontic society

Representative to state - Indian Dental association

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

Faculties attend seminars, conferences and Workshops apart from the regular institutional CDE and CME programmes to update about their speciality.

S.No.	Name of the faculty	Conferences/ CDE Programmes/Workshops/Seminars
1	Dr. Sridharan R	<ul style="list-style-type: none"><li>▪ Participated in National Seminar on “Oral Cancer in the New Millennium” in Saveetha Dental College, Chennai.</li><li>▪ Participated in Preconference Course on “Laminate Veneer crowns” held at Chennai in Dec 1999.</li><li>▪ Attended Course on “Hinge Axis Registration And Transfer” By Dr. K. Raj rayan and Dr.E.G.R.Solomon at Hyderabad in 2001.</li><li>▪ Presented scientific paper on “Tissue response to Dental casting alloys “in Indian prosthodontic conference held in AURANGABAD in dec 2005,</li><li>▪ Presented paper on combination syndrome in the Indian prosthodontic conference held in new Delhi in 2007</li><li>▪ Attended the one day work shop on oral Implantology conducted by “DR.LEONARD LINKOW” on April 4, 2006</li><li>▪ Conducted preconference course on persicion attachments in thissur 2009</li><li>▪ Conducted basic implantology course in Chettinad Dental college in 2009</li></ul>

		<ul style="list-style-type: none"> <li>▪ Attended the Asian Academy of Prosthodontist conference held in 2011 shanghai china and presented poster in the conference</li> <li>▪ Attended the 2012 Asian Academy of Prosthodontist in Chennai –india</li> <li>▪ Attended hands on training in cad-cam ,3d imaging in SIRONA –GERMANY</li> <li>▪ Conducted hands on course on –“DENTAL LAMINATES” in chettinad Dental college in 2013</li> <li>▪ Conducted hands on course on “complete dentures made easy” in chettinad Dental college in 2013</li> <li>▪ Conducted various complete denture camps in and around tamil nadu</li> <li>▪ Conducted course on COMPREHENSIVE PROSTHODONTICS in SRM DENTAL COLLEGE IN MARCH 2014.</li> <li>▪ Attended all Indian prosthodontic conferences and conventions all over in india.</li> <li>▪ Sirona Dental equipments Germany and Baush company visit Germany-2013</li> </ul>
2	Dr. Khalid Ghiaz	Sirona Dental equipments Germany and Baush company visit Germany-2013
3	Dr. Eazhil R	<ul style="list-style-type: none"> <li>▪ “Rhein 83 – Precision attachment” by Dr. Manoj Rajan, Chennai, Jan 2006.</li> <li>▪ “All about All-Ceramics” at Meenakshi Ammal Dental College, Chennai, Nov 2009.</li> <li>▪ Symposium on “Biofunctional Prosthetic System” Chennai 2007.</li> </ul> <div style="background-color: #e0e0e0; padding: 2px;">▪ Workshops attended</div> <ul style="list-style-type: none"> <li>▪ “Stepping stones” Workshop on fixed prosthodontics at <i>Raja Muthiah Dental College, Annamalai University. June 2006</i></li> <li>▪ Workshop on “Metal free ceramics – Crown and Bridge” at <i>Ragas Dental college July 2006</i></li> <li>▪ Workshop on “Introduction to Oral Implantology”</li> </ul>

		<p><i>by Dr. Leonard Linkow, during the 3<sup>rd</sup> AAID Maxicourse, Chennai July 2006</i></p> <ul style="list-style-type: none"> <li>▪ <i>Clinical hands on workshop on “Biofunctional Prosthetic System” Chennai, January 2008.</i></li> </ul>
		<p>Hands on course attended</p>
		<ul style="list-style-type: none"> <li>▪ <i>“Treating Edentulism using the principles of osseointegration” Surgical hands-on On Hi-tec Implants held at Chennai, September 2005</i></li> <li>▪ <i>“ADORO Fiber reinforced composite resin for Anterior crown and three unit fixed partial denture” at Ragas Dental college, Chennai 2006.</i></li> <li>▪ <i>“IVOCLAR Classic Porcelain fused metal – Wax up of metal copings, casting, metal framework finishing and ceramic layering” at Ragas Dental college, Chennai 2006.</i></li> </ul>
		<p>Guest lectures attended</p>
		<ul style="list-style-type: none"> <li>▪ <i>“Complete Denture impressions made easy” by Dr.Chandrasekharan Nair, Chennai 2005.</i></li> <li>▪ <i>“Success of Implant prosthodontics” by Dr.Shankar Iyer, Chennai 2005</i></li> <li>▪ <i>“Drawing the line between success and survival on Implant therapy” by Dr.Ratnadeep Patil, Chennai 2006.</i></li> <li>▪ <i>“Introduction to Oral Implantology” by Dr. Leonard Linkow, during the 3<sup>rd</sup> AAID Maxicourse, Chennai July 2006</i></li> </ul>
		<p>Pre Conference programme attended</p>
		<ul style="list-style-type: none"> <li>▪ <i>“Contemporary Fixed prosthodontics” 36th IPS conference at Bangalore 2008</i></li> <li>▪ <i>“Implant Overdent-SURE” 1<sup>st</sup> Pre Conference programme 30<sup>th</sup> April 2011, at Sree Balaji Dental</i></li> </ul>

		<p><i>college, Chennai for the 39<sup>th</sup> IPS Conference, Dubai, 2011</i></p>
		<p><b>Conferences and Conventions attended</b></p> <ul style="list-style-type: none"> <li>▪ 6<sup>th</sup> National Convention of Prosthodontic Post Graduate students held Bangalore 2004</li> <li>▪ 7<sup>th</sup> National Convention of Prosthodontic Post Graduate students held Chennai 2005</li> <li>▪ 33<sup>rd</sup> Indian Prosthodontic Society meeting held at Aurangabad, 2005.</li> <li>▪ 8<sup>th</sup> National Convention of Prosthodontic Post Graduate students held Pondicherry 2006</li> <li>▪ 34<sup>th</sup> Indian Prosthodontic Society meeting held at Kanyakumari, 2006.</li> <li>▪ 36<sup>th</sup> Indian Prosthodontic Society meeting held at Bangalore, 2009.</li> <li>▪ 63<sup>rd</sup> Indian Dental conference held at Chennai, 2010.</li> <li>▪ 23<sup>rd</sup> ISDR CONFERENCE held at Chennai, 2011</li> <li>▪ 64<sup>th</sup> Indian Dental conference held at Jaipur, 2011.</li> </ul>
4	Dr. Peter John	<ul style="list-style-type: none"> <li>▪ Attended C.D.E. Programmeme in “Restoration of Endodontically treated Teeth” on 2<sup>nd</sup> August 2009.</li> <li>▪ Attended C.D.E. Programmeme on “One day Lecture and Demonstration on Composite Resins” 25<sup>th</sup> October 2009.</li> <li>▪ Attended C.D.E programmeme in “Research Methodology and Publication” SRM Dental College, Chennai on 30<sup>th</sup> October 2009.</li> </ul> <p><b>Attended Workshops</b></p> <ul style="list-style-type: none"> <li>▪ Attended workshop on “Maxillofacial Prosthesis’ <i>Mamata Dental College, Khammam. On 13 and 14<sup>th</sup></i></li> </ul>

		<p><i>August 2008</i></p> <ul style="list-style-type: none"> <li>▪ Attended preconference course on “Contemporary Fixed Prosthodontics, 36<sup>th</sup> IPS conference Bangalore on 5th November 2008</li> <li>▪ Attended workshop on “Thesis Selection, Writing and Publishing’, Sri Ramachandra University and IPS, Chennai. On 18th April 2009</li> <li>▪ Attended Workshop on “Prosthetic Solutions in Implantology for Complete Oral Rehabilitation” on 11<sup>th</sup> April 2009 at Raintree Hotel Chennai.</li> </ul> <p>Attended Conferences and Conventions</p> <ul style="list-style-type: none"> <li>▪ 35<sup>th</sup> Indian prosthodontic society conference ‘Treatment modalities for partially edentulous’ on 6th -11th September 2007, New Delhi.</li> <li>▪ 25<sup>th</sup> Tamilnadu State Dental Conference, On 1 and 2<sup>nd</sup> Dec 2007, Erode.</li> <li>▪ 36<sup>th</sup> Indian prosthodontic society conference ‘Treatment modalities for partially edentulous’ on 6th -8th November 2008, Bangalore.</li> <li>▪ 37<sup>th</sup> Indian prosthodontic society conference ‘Prosthodontics is Transforming, Believe it Achieve it’ on 6th-8th November 2009 Thrissur, kerala.</li> <li>▪ 63<sup>rd</sup> Indian Dental Conference, On 12-14<sup>th</sup> Feb 2010, Chennai.</li> </ul>
5	Dr. Saritha M.K.	<ul style="list-style-type: none"> <li>▪ 1st National conference of “INDIAN SOCIETY OF PROSTHODONTICS – RESTORATIVE – PERIODONTICS”, held on 30th and 31st August 2008, at Mangalore, Karnataka.</li> <li>▪ “36th IPS Conference” held from 7th to 9th November 2008 at Bangalore , Karnataka.</li> <li>▪ “11th IPS POST GRADUATE STUDENTS CONVENTION” held from 26th Feb to 1st March 2009, at Maulana Azad Institute Of Dental Sciences, New Delhi.</li> </ul>

		<ul style="list-style-type: none"> <li>▪ 1<sup>st</sup> INTERNATIONAL CONGRESS ON CAD CAM and IMPLANT DENTISTRY, held from 28<sup>th</sup> to 30<sup>th</sup> Aug, 2009, Bangalore.</li> <li>▪ “37TH IPS CONFERENCE” held from 6th nov.to 8th nov.2009 at Thrissur, Kerala.</li> <li>▪ “NATIONAL CONFERENCE ON NANOBIO TECHNOLOGY: APPLICATIONS IN MEDICINE- NANOBIO TECH 2009” held from 28<sup>th</sup> -30<sup>th</sup> November 2009, at S.S. Institute of Medical Sciences and Research Centre, Davangere.</li> <li>▪ “ 12th IPS NATIONAL POST GRADUATE STUDENTS CONVENTION” held from 4<sup>th</sup>-6<sup>th</sup> June 2010, SRM Dental College, Chennai.</li> <li>▪ “38TH IPS CONFERENCE” held from 12th -14th nov at Indore, Madhya Pradesh.</li> </ul> <p>PRE – CONFERENCE COURSES ATTENDED:</p> <ul style="list-style-type: none"> <li>▪ “ MAKING SMILES A REALITY” conducted by Dr. George P.John and Dr. Samuel K. Ninan during 1ST National conference of “INDIAN SOCIETY OF PROSTHODONTICS – RESTORATIVE – PERIODONTICS”, held on 30<sup>th</sup> August 2008, at Mangalore, Karnataka.</li> <li>▪ “CONTEMPORARY FIXED PROSTHODONTICS” conducted by Dr. Stephen Rosenstiel during the 36th IPS Conference held from 4th to 6th November 2008 at Bangalore, Karnataka.</li> <li>▪ “ BASICS IN IMPLANT PROSTHODONTICS” during the 36th IPS Conference held from 4th to 6th November 2008 at Bangalore, Karnataka.</li> </ul> <p>LECTURES ATTENDED:</p> <ul style="list-style-type: none"> <li>▪ CDE lecture and Hands–on demonstration on “Crown and Bridge made easy” focussing on “Trouble shooting and impressioning and cementations” by Dr. Paresh kale; organized in collaboration with 3M ESPE Pvt. Ltd. at Bapuji Dental College and Hospital, 8TH September 2008.</li> <li>▪ CDE lecture and Hands–on demonstration on “Clinical Concepts of Crown and Bridge” by Dr. Paresh kale; organized in collaboration with 3M ESPE Pvt. Ltd. at Bapuji Dental College and</li> </ul>
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		<p>Hospital, 15TH December 2008.</p> <ul style="list-style-type: none"> <li>▪ CDE lecture and Hands–on demonstration on “RECIPIES TO ENHANCE RESTORATIVE PRACTICE” at Bapuji Dental College and Hospital , organized in collaboration with 3M ESPE Pvt. Ltd., 15Th September 2009.</li> <li>▪ CDE lecture on “INTERDISCIPLINARY APPROACH” by Dr. SadashivaShetty, at Bapuji Dental College and Hospital , 22<sup>nd</sup> March, 2010.</li> <li>▪ CDE lecture on “CAD-CAM DENTISTRY” by Dr. M. Shiv Shankar at Bapuji Dental College and Hospital , 4<sup>th</sup> August, 2010.</li> <li>▪ CDE lecture and Hands–on demonstration on “ORAL REHABILITATION VIA CROWN AND BRIDGE” by Dr. P.C. Jacob at Bapuji Dental College and Hospital , organized in collaboration with 3M ESPE Pvt. Ltd., 9th August 2010.</li> <li>▪ CDE lecture on “INFECTION CONTROL AND WASTE MANAGEMENT” byDr.Usha.M.G at Bapuji Dental College and Hospital , 6<sup>th</sup> September, 2010.</li> <li>▪ CDE lecture on “ENHANCING PRIVATE PRACTICE WITH DENTAL IMPLANTOLOGY and BONE GRAFTING PROCEDURE” by Dr. M.VijayDeshmukh at Bapuji Dental College and Hospital , 18<sup>th</sup> September, 2010.</li> <li>▪ CDE lecture on “DENTAL IMPLANTOLOGY – CREATING NEW AVENUES FOR GENERAL PRACTITIONERS” by Dr. M. Shiv Shankar at Bapuji Dental College and Hospital , 10<sup>th</sup> October, 2010.</li> </ul> <p>WORKSHOPS ATTENDED:</p> <ul style="list-style-type: none"> <li>▪ “Reseach methodology” organized by The Department of Preventive and Community Dentistry, Bapuji Dental College and Hospital, Davangere from 25th to 29th August 2008.</li> <li>▪ “Biofunctional Prosthetic System” course held on 30<sup>th</sup> January 2010 at Government Dental College and research Institute, Bangalore.</li> </ul>
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6	Dr. Deepak K	<ul style="list-style-type: none"> <li>▪ Attended C.D.E Programme in “Research Methodology and Publication” at SRM Dental College Chennai on 30<sup>th</sup> October 2009.</li> <li>▪ Attended C.D.E Programme in “Comfort Complete Denture Courage and Confidence” at TN Govt. Dental College, Chennai on 10<sup>th</sup> and 11<sup>th</sup> April 2010.</li> <li>▪ Attended C.D.E Programme in “Clinical and Laboratory Challenges in Full Mouth Rehabilitation with Implants” at Thai Moogambigai Dental College, Chennai on 3<sup>rd</sup> February 2012.</li> </ul> <div style="background-color: #e0e0e0; padding: 2px; margin-top: 10px;">Attended Workshops</div> <ul style="list-style-type: none"> <li>▪ Attended workshop on “Precision Attachments” at 37 IPS National Conference, Trissur, Kerala. – 6<sup>th</sup> – 8<sup>th</sup> November 2009.</li> <li>▪ Attended workshop on clinical Photography SRM Dental College Chennai on 8<sup>th</sup> September 2010.</li> </ul> <div style="background-color: #e0e0e0; padding: 2px; margin-top: 10px;">Attended Conferences and Conventions</div> <ul style="list-style-type: none"> <li>▪ 37<sup>th</sup> Indian Prosthodontics Society Conference from 6-8 November 2009 held at Trissur, Kerala.</li> <li>▪ 63<sup>rd</sup> Indian Dental Conference from 12<sup>th</sup> to 14<sup>th</sup> february 2010 held at Chennai.</li> <li>▪ 12<sup>th</sup> IPS PG Students Convention from 10<sup>th</sup> -12<sup>th</sup> June 2010 held at Chennai.</li> <li>▪ 23<sup>rd</sup> ISDR National Conference from 10<sup>th</sup> -11<sup>th</sup> January 2011 held at Chennai.</li> <li>▪ 13<sup>th</sup> IPS PG Students Convention from 24<sup>th</sup> – 26<sup>th</sup> July 2011 held at Lucknow.</li> </ul>
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**28. Student projects**

- **percentage of students who have taken up in-house projects including inter-departmental projects-**  
60 %
- **percentage of students doing projects in collaboration with other universities / industry / institute-**  
None

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

- **Faculty -** Dr.Sridharan, young achievers award Saveetha alumni association.
  - Dr. Eazhil R. – *Best poster award for “Die Systems” in 6<sup>th</sup> IPS PG Convention at Bangalore 2004.*

**Doctoral / post doctoral fellows - Not Applicable**

- **Students –**

<b>student name</b>	<b>conference</b>	<b>topic</b>	<b>award</b>
Dr.Celine joyce.C and Dr. Vyshali.d	63rd Indian Dental conference (14 feb 2010)	Evolution of implants.	Best poster
Dr. Eshwari Jagdish -	63rd Indian Dental conference (14 feb 2010)	Evolution of removable partial dentures.	Best poster
Dr. Divya and Dr. L.Vishalini	63rd Indian Dental conference (14 feb 2010)	Monitoring of sterilization	Best poster
Dr. Aishwarya.S -	63rd Indian Dental conference (14 feb 2010)	Characterization of dentures	Best paper
Dr. Aishwarya.S -	ISDR 2011	Comparitive analysis of polymerization shrinkage between	Best paper

		compression molding and injection molding technique	
Dr. Sathammai Lakshmanan	ISDR 2011	Zirconia in dentistry.	Best paper
Dr.K. Abinaya	ISDR 2011	Review on special dentures	Best paper
Dr. S. Harshavardhini	ISDR 2011	Dentogenic concept revisited.	Best paper
Dr. Celine Joyce	ISDR 2011	Golden proportions	Best paper
Ms. Sithara (III BDS)	The smile architect level teeth setting competition	.	Consolation prize in level 2

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

S.No.	Conferences/ CDE Programmes/Workshops/Seminars
1	Conducted BASIC IMPLANTOLOGY COURSE in Chettinad Dental college in 2009
2	Conducted hands on course on –“DENTAL LAMINATES” in Chettinad Dental college in 2013
3	Conducted hands on course on “COMPLETE DENTURES MADE EASY”in Chettinad Dental college in 2013.
4	Conducted various complete denture camps in and around Tamil Nadu.

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

All research works are done under the concurrences of the Ethical committee of Chettinad Academy of Research and Education

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

name of the programme (refer to question no. 4)		applications received	selected	pass percentage
II BDS DENTAL MATERIALS (2012 – 13)	AUG- REGULAR BATCH	69	68	98.5%
	AUG- ODD BATCH	10	5	50%
	FEB- ODD BATCH	18	12	66.6%
II BDS PRE- CLINICAL PROSTHODONTICS (2012 – 13)	AUG- REGULAR BATCH	69	68	98.5%
	AUG- ODD BATCH	10	5	50%
	FEB- ODD BATCH	18	12	66.6%
FINAL BDS (2012 – 13)	AUG- REGULAR BATCH	70	70	100%
	aug- odd batch	7	4	57.1%
	feb- odd batch	30	25	83.3%

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same State	% of students from outside the State	% of students from other countries
UG – I B.D.S	98%	2%	0%
UG – II B.D.S	95%	4%	1 %
UG – IV B.D.S	98%	2%	0%

**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? Give details category-wise.**

The Chettinad Dental College and Research Institute is six years old and so only two batches have graduated. Many aspiring students of the institution are active preparing for the All India post-graduate, state entrance examination and exams conducted by other universities. Few of the students are in the process of appearance in civil service examination and foreign degree programmes.

S.No	Name of the Student's	Name of the competitive examinations
1	Dr.Karthikay Kausik	TOEFL, GRE
2	Dr.Vaishnavi Rao	TOEFL
3	Dr.Niharika Dahake	IELTS

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	6%
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA

Student progression	Percentage against enrolled
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	Employed in Dental college – 5 Employed in private clinics – 28 Started own clinics – 28
Entrepreneurs	10%

### **36. Diversity of staff**

Percentage of faculty who are graduates	
of the same university	63%
from other universities within the State	25%
from universities from other States	12%
from universities outside the country	-

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

None

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

a) **Library** – yes

b) **Internet facilities for staff and students** – yes

One computer with internet for staff and one laptop per student with wi-fi and lan connectivity provided.

c) **Total number of class rooms-** 4

d) **Class rooms with ICT facility and ‘smart’ class rooms-** 4

e) **Students’ laboratories** -1

f) **Research laboratories** –none

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

a) **from the host institution/university** – Not Applicable

b) **from other institutions/universities** – Not Applicable

### **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. –**

Not Applicable

- 42. Does the department obtain feedback from**

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

Yes, feedback is collected through departmental meetings in which the views on the curriculum, teaching schedules, teaching tools, and student assessment outcomes are discussed for taking improvement measures. Internal assessment among the staff members are discussed and ways to improve quality of teaching, learning and evaluation methods are adopted

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

Yes, student feedbacks are collected once in 6 months through questionnaires for feedback on department as a whole and staff as individuals. The finer points of the feedback is summarized and suitable improvement measures adopted accordingly

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

Yes, feedback from alumni received through emails, letters and word of mouth during their periodical visit to the institution

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

So far only 2 batches of students have graduated the institution comprising a bunch of aspiring young talents.

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

S.No	Name of the Faculty	Name of the Topic
1	Dr.Sanket Reddy	Basic of maxillofacial Prosthesis
2	Dr.Rijesh	Bio Functional Prosthetics systems

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

Each student of the institution has been assigned under a faculty in the student – staff mentorship programme. The student staff mentorship functions at a ratio of 15:1. The faculties help the students in identifying the problem and



provide appropriate support to the student. Apart from the student-staff mentorship programme, the institution keeps a track on the academic performance of individual student through the course in-charges designated for each year of study function under the Dental education unit (DEU). The students can also avail the services of the student's counseling and guidance centre both independently or through the Dental Education Unit.

- Student staff mentorship 15:1,
- Clinical teaching via audio visual aids, clinical models
- Periodic clinical tests are conducted at the end of the clinical posting
- Periodic conductance of seminars, revision tests, viva voce.

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

The programme objectives are met by conducting periodical internal assessment examination, class discussions and seminars. The department receives feedback from the students and parent through one to one interaction conducted during biannual parent-teacher meet. The feedbacks from the student are also received following the completion of a chapter or term and the feedbacks are evaluated and necessary measures are taken. The Dental education unit (DEU) also includes student members who will give regular inputs on student's requirement.

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

Yes, the students and faculty of the department take part in the camps organized by various organization and institutions. The department had been proactive in establishing and in the functioning of the Dental out-patients department at the Chettinad Medical College and Research Institution. The department is in collaboration with a good number school, companies and construction in organizing medical, Dental camps and facilitates treatment. The faculties and the students are involved in creating awareness on effects of tooth loss and rehabilitation of the same in general population.

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

Continuing Dental Education programme in the fields of Implantology, Maxillofacial Prosthodontics and Bio-Functional Prosthetic system have been conducted.

**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.** – Conducted various Continuing Dental Education programmes for under graduate and private practioners.

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

**Strengths:**

1. Attached with other departments for inter departmental rehabilitation of the patients.
2. Department has sufficient space for future expansion for post graduation.
3. Scheduled and Co-ordinate work pattern for students.
4. Equipped with sufficiently talented, dedicated and responsible faculty team.
5. Department provides an academically oriented environment which has a major role in the student's progress and their metamorphism.

**Weakness:**

1. The specialty demands many sophisticated equipments.
2. The specialty demands hard work from students to master the art and science of fabricating dentures for patients.
3. A very absorbing curricular pattern.
4. Speciality needs more patient exposure to master the skill in treating the patient.

**Opportunities –**

- For students: Students are allowed to assist all kinds of cases which encourages them to face the clinical cases in their future practice
- Students are permitted to perform clinical cases under staff supervision.
- For department: More than sufficient amount of cases for starting Post Graduation.

**Challenges –**

- To conduct many Prosthodontic outreach awareness camps and onsite treatment camps.

- To update the staffs about recent concepts in this specialization.

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

1. To transform into post graduate institute.
2. To introduce newer treatment modalities for our patients.
3. To improve maxillofacial prosthetic treatment options in this institute.
4. And to further train the staffs and students in maxillofacial prosthetics.

### **ANNEXURE-1**

#### **Publication of the faculties in the department of Prosthodontics and Implantology**

Name of the faculty and designation: **Dr.Sridharan R, Professor**

<b>S.No</b>	<b>Title</b>	<b>Journal Category (Indexed, International, National, State, Institutional, etc)</b>
	Tissue response to Dental casting alloy. An invitro study. Journal of Indian prosthodontic society-supplement 1.	Journal of Indian prosthodontic society- supplement 1(2009),79
2.	Preparation and use of fibrin composite as a hard tissue graft material, an animal study.	International journal of Prosthodontics and restorative dentistry 2011;1(2), 77-82
3.	Combination syndrome- a review.	International journal of Prosthodontics and restorative dentistry. 2012:2 (4),156-60.
4.	Prosthodontic correction of midline diastema	Chettinad Health City Medical Journal, , Volume -1, Number - 3, July - September 2012.

Name of the faculty and designation: **Dr. Khalid Ghiaz. Reader**

<b>S.No</b>	<b>Title</b>	<b>Journal Category (Indexed, International, National, State, Institutional, etc)</b>
1	Periodontal disease in Asian-Indian diabetics.	Int J Dev Counteries 2011, vol 21
2	Is fasting blood glucose a diagnostic marker for diabetes.	Journal of basic medical and allied sciences 2011:1

Name of the faculty and designation: **Dr. Eazhil R. Reader**

S.No	Title	Journal Category (Indexed, International, National, State, Institutional, etc)
1	Comparision of radicular and intra radicular stud attachment: a case report.	Journal of Indian Dental association, tamil nadu branch. Jan-mar 2013, vol 5:issue 16.

Name of the faculty and designation: **Dr. Saritha M.K. Senior lecturer**

S.No	Title	Journal Category (Indexed, International, National, State, Institutional, etc)
1	An in vitro study to investigate the flexural strength of conventional heat polymerised denture base resin with addition of different percentage of aluminum oxide powder.	Asian J Med Cli Sci  May - Aug 2012  Vol-1   Issue- 2, 80-85.
2	Virtual articulator. An future oriented technology	Asian J Med Cli Sci  May - Aug 2012  Vol-1   Issue- 2,98-101.
3	Prosthodontic correction of midline diastema	Chettinad Health City Medical Journal, Volume - 1, Number - 3, July - September 2012.

Name of the faculty and designation: **Dr. Deepak K. Senior lecturer**

S.No	Title	Journal Category (Indexed, International, National, State, Institutional, etc)
1.	Comparative evaluation of effect of laser on shear bond strength of ceramic bonded	Indian J Dent Res. 2013 Sep-

2.	<p>with two base metal alloys: an in-vitro study.</p> <p>Prosthetic Management of Flabby ridge – ‘Clinical report ’</p>	<p>Oct;24(5):610-5.</p> <p>StreamDent vol 3; issue(1): March 2012.</p>
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**DEPARTMENT OF CONSERVATIVE DENTISTRY &  
ENDODONTICS**

### **Evaluative Report of the Department**

1. **Name of the Department :**  
Department of Conservative dentistry and Endodontics
2. **Year of establishment:**  
2007
3. **Is the Department part of a college/Faculty of the university:**  
Yes, Chettinad Dental College and Research Institute, is affiliated to the Tamilnadu Dr. M.G.R. Medical University, Chennai
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 – Bachelor of Dental Surgery (BDS)
5. **Interdisciplinary programmes and departments involved:**  
Bachelor of Dental Surgery (BDS)
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
9. **Participation of the department in the courses offered by other departments –**  
Bachelor of Dental Surgery (BDS)
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	1	1	1
Associate	3	3	3



	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	1	1	1
Professor/Reader			
Assistant Professor	NA	NA	-
Lecturer	1	1	1
Tutor / Clinical Instructor	2	2	2
Senior Resident	NA	NA	-

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

name	qualification	designation	specialization	Yrs of experience
Dr.K.Senthilkumar	MDS	Professor	Conservative Dentistry and Endodontics	13
Dr.K.Sadasiva	MDS	Reader	Conservative Dentistry and Endodontics	8
Dr.R.Anupama	MDS	Reader	Conservative Dentistry and Endodontics	6
Dr.M.Deepalakshmi	MDS	Sr.Lecturer	Conservative Dentistry and Endodontics	4
Dr.I.Viji Karthikai Balan	MDS	Sr.Lecturer	Conservative Dentistry and Endodontics	3 months
Dr. Bharani	BDS	Tutor	Dentistry	1
Dr .Swetha Reddy	BDS	Tutor	Dentistry	1

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

NIL

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

NA

**14. Programme-wise Student Teacher Ratio**

20:1

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page:490*

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

Dental caries, Prevention Strategies, Regenerative endodontics, Dental trauma

**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**

**e) National collaboration b) International collaboration**

Name	TOPIC	Institution Collaboration	Funding Agencies
Anusha N	Recovery of silver and mercury from Dental amalgam scrap	Chemical Engineering	ICMR
Shivashakthi P	Evaluation of salivary pH in asthmatic patients- an in vivo study	Pulmonology and Pharmacology, CHRI	ICMR

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

Name	TOPIC	Institution	Status
Anusha N	Recovery of silver and mercury from Dental amalgam scrap	ICMR	Accepted
Shivashakthi P	Evaluation of salivary pH in asthmatic patients- an in vivo study	ICMR	Accepted
Lalitha NP	Prevalence of usage of carbonated drinks by medical students	ICMR	Accepted
Abirami K	In vivo evaluation of herbal extract as an antimicrobial agent	-	Self Funding
Soundharya M	Prevalence of musculoskeletal disorders among dentists	-	Self Funding

**20. Research facility / centre with**

- state recognition-None
- national recognition -None
- international recognition -None

**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 #	International <sup>#</sup>	H index	Citation Index
Dr. Senthil kumar	3	1	2	9
Dr. Sadasiva	3	-	1	1
Dr. Anupama	4	2	2	9
Dr. Deepalakshmi	7	2	3	17

**Dr. K. Senthil kumar**

S.No	Article Name	Journal
1.	Comparison of stress in the root canal with use of stainless steel and NITI spreaders FEM – study	JIDA – 2001.
2.	Role of Povidone-Iodine in Periapical Surgeries : Hemostyptic and Anti-inflammatory – A Pilot Study	Annals of maxillofacial Surgery Dec 2011
3.	The efficacy of pre-operative oral medication of Ibuprofen and Tenoxicam on the success of inferior alveolar nerve block in patients with irreversible pulpitis: a double-blind, randomized controlled clinical trial  Hidayathulla Sulthan 334 arcino raja khan , Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar,	Journal of conservative dentistry and endodontics society of kerala  Journal of conservative and endodontic society of kerela.. October issue, vol 2, 74-76,2011  National journal
4.	The effect of two different types of fibers on the fracture resistance of endodontically treated molar teeth restored with composite resin.  Hidayathulla Sulthan 334arcino raja khan, Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar,	Journal of adhesive dentistry  J Adhes Dent. 2013Apr;15(2):167-71. Dentistry  International journal PubMed Indexed

5.	<p>The efficacy of pre-operative oral medication of Paracetamol, Ibuprofen and Aceclofenac on the success of maxillary infiltration anaesthesia in patients with irreversible pulpitis: a double-blind, randomized controlled clinical trial</p> <p>Ramachandran Anupama, Hidayathulla Sulthan 335 arcino raja khan, Mohanavelu Deepalakshmi, Kumarappan senthil kumar.</p>	<p>Journal of conservative dentistry</p> <p>Journal of conservative dentistry 2012, vol-14 , issue -4 ,310-314</p> <p>PubMed Indexed</p>
6.	<p>The mandibular first molar with three canals in the mesial root – A case report</p> <p>Mohanavelu Deepalakshmi, Ramachandran Anupama, Hidayathulla Sulthan Ibrahim, Kumarappan Senthil kumar,</p>	<p>Journal of clinical and diagnostic research</p> <p>J Clin Diagn Res. 2013 March; 7(3): 601–603.</p> <p>PubMed Indexed</p>

**Dr. Anupama Ramachandran**

S.No	Article Name	Journal type
1.	<p>The effect of two different types of fibers on the fracture resistance of endodontically treated molar teeth restored with composite resin.</p> <p>Hidayathulla Sulthan 335arcino raja khan, Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar,</p>	<p>Journal of adhesive dentistry</p> <p>J Adhes Dent. 2013Apr;15(2):167-71. Dentistry</p> <p>International journal</p> <p>PubMed Indexed</p>

2.	<p>The efficacy of pre-operative oral medication of Paracetamol, Ibuprofen and Aceclofenac on the success of maxillary infiltration anaesthesia in patients with irreversible pulpitis: a double-blind, randomized controlled clinical trial</p> <p>Ramachandran Anupama, Hidayathulla Sulthan 336 arcino raja khan, Mohanavelu Deepalakshmi, Kumarappan senthil kumar.</p>	<p>Journal of conservative dentistry</p> <p>Journal of conservative dentistry 2012, vol-14 , issue -4 ,310-314</p> <p>PubMed Indexed</p>
3.	<p>The mandibular first molar with three canals in the mesial root – A case report</p> <p>Mohanavelu Deepalakshmi, Ramachandran Anupama, Hidayathulla Sulthan Ibrahim, Kumarappan Senthil kumar,</p>	<p>Journal of clinical and diagnostic research</p> <p>J Clin Diagn Res. 2013 March; 7(3): 601–603.</p> <p>PubMed Indexed</p>
4.	<p>Evaluation of pH and calcium ion release of mineral trioxide aggregate and a new root-end filling material</p> <p>Hidayathulla Sulthan 336 arcino raja khan, Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar.</p>	<p>E journal of dentistry</p> <p>E-Journal of dentistry 2012;2:2,166-169</p> <p>International journal Index Copernicus, Google scholar, DOAJ indexed</p>
5.	<p>The efficacy of pre-operative oral medication of Ibuprofen and</p>	<p>Journal of conservative dentistry and endodontics</p>

	<p>Tenoxicam on the success of inferior alveolar nerve block in patients with irreversible pulpitis: a double-blind, randomized controlled clinical trial</p> <p>Hidayathulla Sulthan 337 arcino raja khan , Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar,</p>	<p>society of kerala</p> <p>Journal of conservative and endodontic society of kerela.. October issue, vol 2, 74-76,2011</p> <p>National journal</p>
6.	<p>Diagnosis and treatment planning using rapid prototyping technology in surgical endodontics</p>	<p>Journal of contemporary dentistry</p> <p>J Contemp Dent: 2013;3(3):147-50</p> <p>Index Copernicus, Google scholar, HINARI, Proquest indexed</p>

**Dr. K Sadasiva**

S.No	Article Name	Journal type
1.	Comparative study of surface finish of conventional glass ionomer cement with fast setting glass ionomer cement –In vitro study. Journal of conservative dentistry – 1999 Vol 2, no 2. Authors: Dr. k.sadasiva, Dr .c.v. Subba rao , Dr .D. Kandaswamy	Pubmed indexed journal
2.	Bilateral fusion of mandibular 2 <sup>nd</sup> premolar with supernumerary tooth. A rare case report – Journal of oral and maxillofacial pathology. Authors: Dr R. satish 338arci kumar, Dr. K. Sadasiva , Dr. Sandhiya arun kumar.JOMFP, Jan- Apr 2012.	Pubmed indexed journal
3.	surface microhardness and scanning electron micrograph of white mineral trioxide aggregate in the presence of acidic PH , The journal of conservative and endodontic society of kerala, april 2012, vol .2- issue no 1.	State journal



**Dr. Deepalakshmi M**

S.No	Article Name	Journal type
1.	Evaluation of the antibacterial and physical properties of glass ionomer cements containing chlorhexidine and cetrimide: An in-vitro study <u>Mohanavelu Deepalakshmi, Saravanan Poorni, Revathi Miglani, Indira Rajamani, S Ramachandran</u> IJDR 2010 volume-21,issue-4, 552-25	PubMed Indexed  IJDR 2010 volume-21,issue-4, 552-25
2.	Spiral CT diagnosis and endodontic management of an anatomically variant palatal root with two canals in a maxillary first molar.  <u>Mohanavelu deepalakshmi, Revathi Miglani, Rajamani Indira, S Ramachandran</u> Year : IJDR 2010   Volume : 21   Issue : 3   Page : 443-445	PubMed Indexed  IJDR 2010   Volume : 21   Issue : 3   Page : 443-445
3.	Aberrant Canal Configuration of The Maxillary First Molar: A Case Report <u>Mohanavelu Deepalakshmi, Meenakshi Sundaram Rajasekaran, Anil Kumar, Rajamani Indira, S. Ramachandran</u> JCDR 2011   Month : November   Volume : 5   Issue : 7   Page : 1483 – 1485	Journal of clinical and diagnostic research  J Clin Diagn Res. 2011   Month : November   Volume : 5   Issue : 7   Page : 1483 –PubMed Indexed
4.	A questionnaire survey of rubber dam usage amongst subpopulation of Indian dentists. <u>Mohanavelu Deepalakshmi, Ramachandran Anupama, Hidayathulla Sulthan Ibrahim, Sadasiva Kumarappan Senthil kumar</u> , journal of oral health and	UNDER REVIEW

	preventive dentistry (under review).	
5.	Independent and Confluent Middle Mesial Root Canals in Mandibular First Molars: A Report of Four Cases. Mohanavelu Deepalakshmi, Chellasamy Savarimala Karumaran, Revathi Miglani, and Rajamani Indira, Case Reports in Dentistry.2012, may issue	International journal PubMed Indexed  Case Reports in Dentistry.2012, may issue
6.	The Mandibular First Molar with Three Canals in the Mesial Root- A Case Report. Mohanavelu Deepalakshmi, Ramachandran Anupama, Hidayathulla Sulthan Ibrahim, Kumarappan Senthil kumar, J Clin Diagn Res. 2013 March; 7(3): 601–603.	Journal of clinical and diagnostic research  J Clin Diagn Res. 2013 March; 7(3): 601–603. PubMed Indexed
7.	The efficacy of pre operative oral medication of Ibu profen and tinoxicam on the success of inferior alveolar nerve block in patients with ir reversible pulpitis- a double blind . randamised controlled clinical trial Hidayathulla Sulthan 340 arcino raja khan , Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar,Journal of conservative and endodontic society of kerela.. October issue, vol 2, 74-76,2011	Journal of conservative dentistry and endodontics society of kerala  Journal of conservative and endodontic society of kerela.. October issue, vol 2, 74-76,2011  National journal

8.	<p>The efficacy of pre operative oral medication of paracetamol, Ibu profen and aceclofenac on the success of maxillary infiltration anesthesia in patients with ir reversible pulpitis- a double blind . randamised controlled clinical trial Ramachandran Anupama, Hidayathulla Sulthan 341arcino raja khan, Mohanavelu Deepalakshmi, Kumarappan senthil kumar. Journal of conservative dentistry 2012, vol-14 , issue -4 ,310-314</p>	<p>Journal of conservative dentistry</p> <p>Journal of conservative dentistry 2012, vol-14 , issue -4 ,310-314</p> <p>PubMed Indexed</p>
9.	<p>The effect of two different types of fibers on the fracture resistance of endodontically treated molar teeth restored with composite resin. Hidayathulla Sulthan 341arcino raja khan, Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar, <u>J Adhes Dent.</u> 2013 Apr;15(2):167-71.</p>	<p>Journal of adhesive dentistry</p> <p>J Adhes Dent. 2013Apr;15(2):167-71. Dentistry</p> <p>International journal PubMed Indexed</p>
10.	<p>Evaluation of ph and calcium ion release of mineral trioxide aggregate and a new root end filling material. E-Journal of dentistry 2012;2:2,166-169 Hidayathulla Sulthan 341arcino raja khan , Ramachandran Anupama, Mohanavelu Deepalakshmi Kumarappan senthil kumar..</p>	<p>E journal of dentistry</p> <p>E-Journal of dentistry 2012;2:2,166-169</p> <p>International journal Index Copernicus, Google scholar, DOAJ indexed</p>

**23. Details of patents and income generated Areas of consultancy 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**

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

<b>Name of the Faculty</b>	<b>Member</b>	<b>Name of the Committee/Journal</b>
Dr. K Senthilkuma	Organizing Secretary	23 <sup>rd</sup> National Conference of Indian Society for Dental Research held on 7 <sup>th</sup> -9 <sup>th</sup> January 2011
	Organizing and Scientific Committee	63 <sup>rd</sup> Indian Dental Association Conference held in Chennai on 12 <sup>th</sup> , 13 <sup>th</sup> and 14 <sup>th</sup> of February 2010.
	Organizing Committee	5 <sup>th</sup> TOMA conference held at Chettinad Health City, Kancheepuram on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009
	Organizing Committee	25 <sup>th</sup> FODI conference held in Chennai , DEC 2010.
	Reviewer	Journal of conservative dentistry
	Life member	Indian Endodontic Society
Dr. Sadasiva	Guest speaker	63 <sup>rd</sup> Indian Dental Association Conference held in Chennai on 12 <sup>th</sup> , 13 <sup>th</sup> and 14 <sup>th</sup> of February 2010
	Reviewer	Journal of conservative dentistry
Dr. Anunama	Life member	Indian Endodontic Society
	Organizing	23 <sup>rd</sup> National Conference of Indian

Ramachandran	committee	Society for Dental Research held on 7 <sup>th</sup> -9 <sup>th</sup> January 2011
	Life member	Indian Endodontic Society
	Guest speaker	63 <sup>rd</sup> Indian Dental Association Conference held in Chennai on 12 <sup>th</sup> , 13 <sup>th</sup> and 14 <sup>th</sup> of February 2010
Dr. M. Deepalakshmi	Reviewer	IJDR
	Reviewer	Journal of clinical and diagnostic research
	Organizing committee	23 <sup>rd</sup> National Conference of Indian Society for Dental Research held on 7 <sup>th</sup> -9 <sup>th</sup> January 2011
	Indian Endodontic Society	Life member

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

Yes, the faculties of the department refresh their knowledge and keep themselves updated by active participation in various seminar, workshops and training programme conducted by the professional associations, other colleges and universities.

Following are the conference / workshops attended by the faculty –

**Dr. K. Senthil Kumar**

INTERNATIONAL	1) Common Wealth Dental Conference 2000– New Delhi Asia Pacific Dental Conference 2010- Colombo 2) 3 <sup>rd</sup> Triennial Commonwealth Dental Association and 54 <sup>th</sup> Indian Dental Association Congress. New Delhi 2000
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SPECIALITY	<ol style="list-style-type: none"> <li>1) 12<sup>th</sup> Annual Conference of Federation of Operative Dentistry of India and 5<sup>th</sup> Annual Conference of Indian Endodontic Society. New Delhi 1997.</li> <li>2) 13<sup>th</sup> Annual Conference of Federation of Operative Dentistry of India and 5<sup>th</sup> Annual Conference of Indian Endodontic Society. Mumbai 1998.</li> <li>3) 27<sup>th</sup> Indian Prosthodontic Society Congress. Chennai 1999.</li> <li>4) First All India Convention of Post Graduate Students Conservative Dentistry / Endodontics. Mangalore 2000.</li> <li>5) National Conference 19<sup>th</sup>-Federation of Operative Dentistry of India and 12<sup>th</sup>-Indian Endodontic Society. Bangalore 2005.</li> <li>6) National Conference 25<sup>th</sup>-Federation of Operative Dentistry of India and 17<sup>th</sup>-Indian Endodontic Society. Chennai 2010.</li> <li>7) National Conference 26<sup>th</sup> –IACDE and 18<sup>th</sup>-Indian Endodontic Society. New Delhi 2011.</li> <li>8) National Conference 28<sup>th</sup> –IACDE and 20<sup>th</sup>-Indian Endodontic Society. Hyderabad 2013.</li> </ol>
NATIONAL	<ol style="list-style-type: none"> <li>1) 63<sup>rd</sup> Indian Dental Conference. Chennai 2010</li> <li>2) 23<sup>rd</sup> National Conference of Indian Society for Dental Research. Chennai 2011</li> </ol>
WORKSHOPS	<ol style="list-style-type: none"> <li>1) Porcelain Laminate Veneers' Conducted by Saveetha Dental College. Chennai 1998.</li> <li>2) 'Demonstration in Cosmetic Dentistry' Conducted by Saveetha Dental College. Chennai 1998.</li> <li>3) "Endodontics Post/Core and Crown and Bridge" Conducted by Pierre</li> </ol>

	<p>Fauchard Academy. Chennai 1999.</p> <p>4) 'Clinical Fixed Prosthodontics' Certificate by New York University College of Dentistry and Smile Care. Mumbai 2005.</p> <p>5) 'Changing Paradigms In Restorative Dentistry – An Update' Conducted by Dr. Arvind Shenoy. Chennai 2005</p> <p>6) 'Digital Photography and Computerisation of Dental Clinic' Conducted by Dr. Toms Learning Institute. Chennai 2006.</p> <p>7) 'Comprehensive Modern Periodontics' Conducted by The Chicago Center for Advanced Dentistry. Chennai 2006</p> <p>8) Recapitulation Endo – Operative Forum, Meenakshi Ammal Dental College, Chennai 2009.</p>
SYMPOSIUM	<p>1) Optimal Esthetics Mumbai 2006</p> <p>2) Implant Symposium by National Academy of Dental Specialities. Chennai 2007</p>

**Dr. Anupama Ramachandran**

TRAINING PROGRAMME	Certificate of standard competency- Hard and soft tissue laser- IALD 2013 (University of California, San Francisco)
INTERNATIONAL	7 <sup>th</sup> international conference of IALD, 2013
SPECIALITY	<p>6<sup>th</sup> National PG Students Convention at SRMC Chennai, June 2005</p> <p>20<sup>th</sup> FODI and 13<sup>th</sup> IES conference at Lucknow,</p>

	<p>November 2005</p> <p>7<sup>th</sup> National PG Students convention at Mangalore, May 2006</p> <p>21<sup>st</sup> FODI and 14<sup>th</sup> IES conference at Mumbai, December 2006</p> <p>8<sup>th</sup> National PG Students Convention at Nainital, May 2007</p> <p>25<sup>th</sup> <i>FODI</i> and 18<sup>th</sup> IES National Conference – 2010 <i>CHENNAI</i></p>
NATIONAL	<p>63<sup>RD</sup> IDA national conference 346arcino- 2010</p> <p>23<sup>RD</sup> National conference of ISDR 2011</p> <p>Indian association of forensic odontology- 4<sup>th</sup> National conference - September 2006.</p>
STATE	<p>5<sup>TH</sup> TOMA conference 346arcino – 2009</p> <p>Dental Caries – 4<sup>th</sup> dimension – RMDCH, Annamalai University, Chidambaram, August 2005</p>
SEMINARS	Seminar on 346 arcinogenic protocols – Sataybama university
WORKSHOPS	Work shop on metal free ceramics – crown and bridge- Ragas Dental college Chennai, July 2006
SYMPOSIUM	First south zone rotary symposium – Bangalore, April 2007



CONTINUING DENTAL EDUCATION	Aesthetic dentistry and practice management—IIDC, Chennai, August 2006
OTHERS	17 <sup>th</sup> Annual Indian Society for Dental Research (ISDR) Conference, Chennai, November 2005

**DR.M.DEEPALAKSHMI**

INTERNATIONAL	FDI WORLD DENTAL CONGRESS, DELHI, 2006  International Assoc Periodontology MUMBAI 2014
SPECIALITY	22 <sup>th</sup> FODI and 15 <sup>th</sup> IES Conferences, Kuala Lumpur, November 2007.  9 <sup>th</sup> National Post Graduate students convention, Goa, May 2008.  Endo club, Sri Ramachandra Dental college, July 2008.  Endo club, Meenakshi ammal Dental College, October 2008.  23 <sup>rd</sup> FODI and 16 <sup>th</sup> IES Conferences, Chandigarh, November 2008.  Endo club, Ragas Dental college, April 2009.  24 <sup>th</sup> FODI and 17 <sup>th</sup> IES Conferences, Cochin, November 2009.  Endo Club at Government Dental college, Chennai, December 2009.  25 FODI and 18 <sup>th</sup> IES Conferences, Chennai, November 2010.
NATIONAL	ISDR conference 2011, Chettinad Health city

STATE	IDA conference kumbakonam
SEMINARS	<p>Thesis Search, Meenakshi Ammal Dental College, October 2007.</p> <p>Clinical tips for challenging situations – direct and indirect restorations, Ragas Dental college, November 2008.</p> <p>Finish line 2010’ Sri Ramachandra Dental College, February 2010.</p> <p>NAAC one day seminar, Chettinad Health city 2012</p>
WORKSHOPS	Workshop on rotary instruments. Chennai, 2009
SYMPOSIUM	SPIRIT, SRM Dental college, Chennai, April 2009.
CONTINUING DENTAL EDUCATION	<p>Research Methodology and Biostatistics, Tamil Nadu Dr MGR Medical University, February 2008</p> <p>Endodontics Simplified, CDE programme, Chennai, March 2008.</p> <p>Microscopes Magnified CDE programme, SRM Dental college, August 2008 Recapitulation, CDE programme, Meenakshi ammal Dental College, July 2009.</p> <p>CDE programme at Sree Balaji Dental college and hospital on 16<sup>th</sup> sep 2009.</p> <p>FORUM, CDE programme at Raja Annamalai Dental College, Chidambaram January 2010</p> <p>SEARCH FOR RESEARCH, Vels Dental college 2014.</p>

**Dr. K. Sadasiva**

INTERNATIONAL	<p>14<sup>TH</sup> World congress of the international society for laser Surgery and medicine, Chennai, India, 27<sup>th</sup> – 30<sup>th</sup> August, 2001.</p> <p>1<sup>st</sup> national guard Dental symposium and workshop for dentists, 7- 9<sup>th</sup> April 2007, Marriot, RIYADH, K.S.A</p>
SPECIALITY	<p>.1) 13<sup>th</sup> FODI and 6<sup>th</sup> IES- 4, 5, 6<sup>th</sup> December 1998, Mumbai.</p> <p>1. RESTORATIVE STUDY GROUP, First all India PG CONVENTION, 2000, Mangalore.</p> <p>2. 15<sup>th</sup> FODI and 8<sup>TH</sup> IES -18 – 21<sup>st</sup> January 2001, Kodaikanal.</p> <p>423rd National conference of Indian society for Dental research, 8<sup>th</sup> , 9<sup>th</sup> January 2011, Chettinad health city ,Chennai. (Chair person for scientific session)</p> <p>5) 26<sup>th</sup> Iacde and 19<sup>th</sup> IES national conference, New Delhi, November 2011</p> <p>6) AUGUST 10, 11 – ECCLIRES 2013, Balaji Dental college, Chennai, as chair person and participation</p> <p>3. November 14- 17<sup>th</sup> 2013- 28<sup>th</sup> IACDE and 21<sup>ST</sup> IES national conference , Hyderabad</p>
NATIONAL	ISDR conference 2011, Chettinad Health city

	<p>ECCLIRES 2<sup>nd</sup> national endodontic and conservative Dentistry clinical Research and Case Report Convention at Sree Balaji Dental college and hospital, Chennai, Aug 10, 11, 2013</p>
STATE	IDA 53 <sup>rd</sup> conference , Bangalore, January 7-10 <sup>th</sup> 1999
SEMINARS	<p>seminar on conservative dentistry and endodontics,</p> <p>Dec. 94 Chennai, Tamilnadu govt Dental college and hospital.</p>
WORKSHOPS	<p>4. Porcelain laminate veneers, Saveetha Dental college 21, 22 nd November 1998.</p> <p>5. Endodontics- post and core and crown and bridge, Pierre Fauchard academy, Chennai 14<sup>th</sup> November-1999</p> <p>6. ) QUEST FOR PERFECTION – NI-TI Rotary endodontic techniques, 25<sup>th</sup> and 26<sup>th</sup> November 2000.</p> <p>7. TEACHER TRAINING WORKSHOP- Dentistry , 3-5<sup>th</sup> October 2002, Sri Ramachandra medical college, Porur , Chennai.</p> <p>5) OCTOBER 25, 2013- Work shop on chemistry behind post and core and latest bonding systems. Venkateswara (vels) Dental college, Chennai.</p> <p>6)</p>
SYMPOSIUM	SPIRIT, SRM Dental college, Chennai, April

	2009.
CONTINUING DENTAL EDUCATION	<p>1)CDE – 8<sup>TH</sup> December, 2005, King Fahad central hospital, Jazan, Kingdom of Saudi Arabia.</p> <p>8. CDE- 6<sup>TH</sup> June, 2006, King Fahad central hospital, Jazan, Kingdom of Saudi Arabia.</p> <p>9. ) CDE – November 15, 2006, Sabia central hospital, Jazan, Kingdom of Saudi Arabia.</p> <p>4) )Endo club – Tamilnadu govt Dental college, 9<sup>th</sup> December 2009</p> <p>5) CDE: Laminate veneer- Dr Porus S. Turner, 8<sup>th</sup> August-2010, Chennai</p> <p>6) CDE: Competence in all ceramics, 21<sup>st</sup> August,2010,Ivoclar vivadent, Chennai</p> <p>7) CDE : Soft and hard tissue lasers- 7<sup>th</sup> January 2011, Chennai</p> <p>8) CDE: Implant esthetics- 2<sup>nd</sup> September 2011, Ivoclar vivadent, Chennai</p> <p>9) Endo club- Ragas Dental college, 7<sup>th</sup> 351arcinoge,2011, Chennai</p> <p>10) CDE: Composites- Ivoclar vivadent , 24<sup>th</sup> march 2012, Chennai</p> <p>11)SEARCH FOR RESEARCH, Vels Dental college 2014.</p>

**Dr.I.Viji Karthikai Balan**

<b>NATIONAL</b>	23 <sup>RD</sup> National conference of ISDR 2011 chettinad health city.
<b>STATE</b>	1.ENDOREGEN,2012,RMDCH,Chidambaram 2.IDA,2012YERCAUD 3.ACDEP,2013,PONDICHERY 4.SPIRIT 2013,SRM university,Chennai 5.CAESOK-2012,10 <sup>th</sup> midterm conferenceand 2 <sup>nd</sup> pg convention,AMRITA, cochin 6.IDA,2014,PONDICHERY 7.FINISH LINE-14,SRMC,chennai

**28. Student projects**

**Percentage of students who have taken up in-house projects including inter-departmental projects-20 %**

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

- **Doctoral / post doctoral fellows – NA**
- **Students –**

S NO	NAME OF THE STUDENT	CONFERENCE	TOPIC OF PRESENTATION	AWARDS and PRIZES
1.	Alladi Sneha	Divine Dentistry conducted in Govt Dental College in	Stem cell banking	First prize

		Jan 2014		
2.	S. Kabini	Divine Dentistry conducted in Govt Dental College in Jan 2014	Ozone therapy	Second Prize

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

SEMINAR	Conducted a seminar on “Minimal Invasive Dentistry” involving Dr. Usha Carounanidy and Dr. Satyanaranan from Indira Gandhi institute of Dental sciences	Funding by chettinad Dental college
WORKSHOP	“POST and CORE” Course conducted in 23 <sup>rd</sup> National Conference of Indian Society for Dental Research held on 7 <sup>th</sup> -9 <sup>th</sup> January 2011 at Chettinad Health City by Dr. Kritika Datta and Dr Nandini from Meenakshi Ammal Dental College and Dr. Anupama R – Chettinad Dental college	Funding by chettinad Dental college
WORKSHOP	Conducted a workshop on “Microscopes in Endodontics” the 23 <sup>rd</sup> National Conference of Indian Society for Dental Research held on 7 <sup>th</sup> -9 <sup>th</sup> January 2011 by Dr. Gopikrishna V and Dr.Vivek Hegde	Funding by chettinad Dental college
WORKSHOP	Conducted a workshop on “Lasers” the 23 <sup>rd</sup> National Conference of Indian Society for Dental Research held on 7 <sup>th</sup> -9 <sup>th</sup> January 2011	Funding by chettinad Dental college

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

All research works are done under the concurrences of the Ethical committee of Chettinad Academy of Research and Education

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

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
II B.D.S. (2012 – 13)	73	14	59	100%	100%
Final B.D.S. (2012 – 13)	74	17	57	100%	98.3%

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same State	% of students from outside the State	% of students from other countries
UG – II B.D.S	95%	4%	1 %
UG – IV B.D.S	98%	2%	0%

**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? Give details category-wise.**

Many students of institution are active preparing for the All India post-graduate, state entrance examination and exams conducted by other universities. Few of the students are in the process of appearance in civil service examination and foreign degree programme.

S.No	Name of the Student's	Name of the competitive examinations
1	Dr.Karthikay Kausik	TOEFL, GRE
2	Dr.Vaishnavi Rao	TOEFL
3	Dr.Niharika Dahake	IELTS



**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	6%
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	Employed in Dental college – 5 Employed in private clinics – 28 Started own clinics – 28
Entrepreneurs	10%

**36. Diversity of staff**

Percentage of faculty who are graduates	
of the same university	86%
from other universities within the State	-
from universities from other States	14%
from universities outside the country	-

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

NA

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

- a) **Library** -Yes
- b) **Internet facilities for staff and students**  
Two computers with WIFI and laptops for every student
- c) **Total number of class rooms**  
Three
- d) **Class rooms with ICT facility and ‘smart’ class rooms**  
Three
- e) **Students’ laboratories**  
Two
- f) **Research laboratories**  
None

39. **List of doctoral, post-doctoral students and Research Associates ---- NA**  
 a) from the host institution/university  
 b) from other institutions/universities
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.**  
 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 the feedback?**  
 Yes, feedback is collected through departmental meetings in which the views on the curriculum, teaching schedules, teaching tools, student assessment outcomes are discussed for taking improvement measures. Internal analysis among the staff members are conducted and ways to improve quality of teaching are discussed and adopted.
- b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**  
 Student feedbacks are collected through questionnaires for feedback on department. The feedback is analyzed and suitable improvement measures are adopted.
- c. **Alumni and employers on the programmes offered and how does the department utilize the feedback?**  
 Yes, feedback from alumni received through emails are collected.
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.**  
 1. Conducted a seminar on “minimal invasive dentistry” involving Dr. Usha Carounanidy and Dr. Satyanaranan from Indira Gandhi institute of Dental sciences.

2. Conducted a workshop on “Microscopes in Endodontics” the 23<sup>rd</sup> National Conference of Indian Society for Dental Research held on 7<sup>th</sup>-9<sup>th</sup> January 2011 by Dr. Gopikrishna V and Dr.Vivek Hegde
3. Dr Jagannathan –Principal of Asan Dental college- Gave a talk on “Tips and tricks to master the exams”
4. POST and CORE” Course conducted in 23<sup>rd</sup> National Conference of Indian Society for Dental Research held on 7<sup>th</sup>-9<sup>th</sup> January 2011 at Chettinad Health City by Dr. Kritika Datta and Dr Nandini from Meenakshi Ammal Dental College

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

Student staff mentorship, audio visual aids, clinical models, periodic clinical tests, seminars, revision tests, viva voce are conducted. Treatment procedures are demonstrated on patients as a part of clinical training. Various power point presentations are uploaded in the LMS (Learning Management System).

- Student staff mentorship 20:1,
- Clinical teaching via audio visual aids, clinical models
- Periodic clinical tests are conducted at the end of the clinical posting
- Periodic conductance of seminars, revision tests, viva voce

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

The department ensures that programme objectives are constantly met by conducting cycle tests at regular intervals, patient work assessment, internal assessment, and practical exams. Various continuing Dental education programmes are conducted to enhance student learning. Special attention is given to slow learners and separate classes and tests are conducted for them. The department receives feedback from the students and parents through one to one interaction conducted during biannual parent-teacher meet. The feedbacks from the student are also received through questionnaires and necessary measures are taken.

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

Yes, the students and faculty of the department take part in the camps organized by various organization and institutions. Various awareness programmes and orientation classes are also conducted.

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

- We encourage students in short term surveys, research programmes and writing journal articles. We also train interested students in advanced techniques like Rotary Endodontics and Post and Core procedures. Students are also encouraged to participate in specialty conferences, academic quiz competitions and presenting scientific papers and posters. Miss Sudha and Miss Shreya Penukonda (interns) attended a course on Rotary Endodontics at **Root canal centre** at Chennai.

**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.**

- Encouraging and guiding the undergraduate students to participate and present scientific papers in the specialty conference and attend workshops and CDE programmes
- Staff and the students are encouraged to publish in various scientific journals.
- Guiding the undergraduate students to participate in the competitive programmes like academic quiz competitions

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

**STRENGTH:**

- Department infrastructure
- Advanced Treatment by specialists resulting in increased patient census
- Good academic results from beginning
- Well trained and qualified faculty

**WEAKNESS:**

- Need more support staff
- Inter institutional collaborative projects are lacking

#### OPPORTUNITIES:

- Students are trained in the maximum number of cases which forms the bulk of clinical practice.
- Students are exposed to advanced procedures like Rotary endodontics.
- Students assist in surgical cases.

#### CHALLENGES:

- To update the faculty with the newer scientific advances
- To cultivate a stronger research environment
- Conducting specialty conferences

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

- To start post graduate course
- To encourage research activity and funding projects
- To conduct more number of CDE programmes

**DEPARTMENT OF ORAL &  
MAXILLOFACIAL SURGERY**

### **Evaluative Report of the Department**

**1. Name of the Department**

Department of Oral and Maxillofacial Surgery

**2. Year of establishment**

2008

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

Yes, Chettinad Dental College and Research Institute is affiliated to the Tamilnadu Dr. M.G.R. Medical University, Chennai.

**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.)**

Bachelor of Dental Surgery (B.D.S., Under-Graduate programme)

**5. Interdisciplinary programmes and departments involved**

BDS Course is of interdisciplinary in nature and involves 11 basic science departments, 2 medical clinical departments and 8 Dental clinical departments.

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

Not Applicable

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

None

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

Annual Examination

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

Department of Oral and Maxillofacial Surgery and Department of Prosthodontics	Nobel Bio-Care Implant Course including hands-on and live demonstration held in Chettinad Health City,	7 <sup>th</sup> - 9 <sup>th</sup> January 2011
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Department of Oral and Maxillofacial Surgery and Department of Anesthesiology	Basic Life support skills-hands-on training	Once a week
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**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	1	1	
Associate	2	2	
Assistant Professor	-	-	
Lecturer	2	2	
Tutor / Clinical	2	2	
Senior Resident	NA		

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

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.P. Rajesh .P	MDS, DNB, MNAMS	Professor	Oral and Maxillofacial Surgery	18 yrs
Dr.M. Alagappan	MDS, DNB, MFDSRCPS	Reader	Oral and Maxillofacial Surgery	9 years



Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr Vinay Kumar Reddy	MDS	Reader	Oral and Maxillofacial Surgery	5 YEARS
Dr.Semmia .M	MDS	Senior Lecturer	Oral and Maxillofacial Surgery	-
Dr.Samyukhta	MDS	Senior Lecturer	Oral and Maxillofacial Surgery	-
Dr.Santhosh	BDS	Tutor	Dentistry	1year
Dr.Anand Raj Paul	BDS	Tutor	Dentistry	1year

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

None

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

Not applicable

**14. Programme-wise Student Teacher Ratio**

20:1

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page: 490*

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

- a. To understand the carcinogenicity of areca nut/gutka
- b. Transformation of pre-cancerous lesions to invasive disease
- c. Epidemiological studies on cancers of gall bladder, stomach, lung and oral cavity
- d. Expansion of the National Cancer Registry Project
- e. Role of virus in cancers such as cervix, liver, oral cavity and oesophagus

**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 b) International collaboration**

S No	Name of the Project	Collaborating institution	Grants
1	“The role of platelet rich plasma on alveolar bone repair in post extraction wounds” – Dr.Alagappan	Department of hematology , CHRI	Chettinad Dental college and research institute
2	Efficacy of conscious sedation in dentistry-Dr.Vinay Kumar Reddy	Department of anesthesiology, CHRI	Chettinad Dental college and research institute
3	Pre malignant lesion and condition	Department of Oral Pathology	Chettinad Dental college and research institute

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

S No	Name of the Project	Collaborating institution	Grants
1	Prevalence of precancerous conditions and lesions	Department of Pathology, CHRI	Chettinad Dental college and research institute

**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)

Name of the Faculty	National <sup>#</sup>	International <sup>#</sup>	H index	Citation Index
Dr.Rajesh	17	14	2	46
Dr.M. Alagappan	6	-	1	1

Annexure –I; page:377

**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 Rajesh	Observer in cancer institute Adyar. India from 01.02.05 to 30.4.05 in the department of Head and Neck Oncology.
	Cleft and Cranio-facial training Jubilee Mission Hospital Under Dr. Adenwalla
Dr. Alagappan	Centre of Orthognathic Surgery, Sunninghill Hospital, Johannesburg, South Africa, for Clinical training in Orthognathic Surgery under Professor Johan Reyneke (2008). Observer in TATA memorial cancer institute, Mumbai-2004.

**26. Faculty serving in**

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

Dr. Rajesh .P	Associate Editor	Indian Journal of Dental Research
	Review committee member	Journal of Maxillofacial and oral Surgery Annals of Maxillofacial Surgery Chettinad Health city medical journal
		“Key Recourse Team for conducting,

	Member	<p>training</p> <p>Workshops in Oral Health care in HIV-AIDS.11<sup>th</sup> -12<sup>th</sup> March2006.Chennai</p>
		Complications in minor oral Surgery for Indian Dental Association. Chennai branch.India, Jan 2007
		Orthognathic Surgery in cleft patients 4 <sup>th</sup> Tamil Nadu Oral and maxillofacial surgeons Conference Kodaikanal, April 2008
		Oral and Maxillofacial Surgery 62 <sup>nd</sup> National Indian Dental Conference Nagpur. Feb 2009.
		Asymmetry correction June 2009 Nair Dental College,
		Management of Maxillo-facial trauma. 5 <sup>th</sup> Tamil Nadu Oral and maxillofacial surgeons conference Chennai, oct 2009.
		orthognathic workshop in 14 <sup>th</sup> AOMSI midterm conference June 2010 Nair Dental College
		Management of benign tumors. 6 <sup>th</sup> Tamil Nadu Oral and maxillofacial surgeons conference. Chennai, Aug 2010.
		8 <sup>th</sup> National up-date in AFMC Pune. For the topic surgically assisted distraction for Cleft maxilla. Nov 2008

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

Yes, the faculties of the department refresh their knowledge and keep themselves updated by conducting intra-departmental and interdepartmental seminars, debates and case presentations. All the faculties are members of the Association of Oral and Maxillofacial Surgery. The faculties take active participation in the workshops and training programme like basic life support, orthognathic workshops, hands on course in Dental implants and active participation in annual national conferences.

Dr Rajesh	CTLS Certificate by International Trauma, anesthesia and critical care Nov 2005
	Observer in cancer institute Adyar. India from 01.02.05 to 30.4.05 in the department of Head and Neck Oncology.
	Cleft and Cranio-facial training Jubilee Mission Hospital Under Dr. Adenwalla
Dr. Alagappan	Centre of Orthognathic Surgery, Sunninghill Hospital, Johannesburg, South Africa, for Clinical training in Orthognathic Surgery under Professor Johan Reyneke (2008).
	Certified by American Heart Association for providing Basic Life support (BLS) and Advanced Cardiac Life Support (ACLS) (July, 2013)
	Nobel biocare implant course at Rajan Dental Institute, Mylapore
	Clinical Observer at TATA Memorial Cancer Hospital, Mumbai, India (2003)
Dr. Semmia. M	Cleft and craniofacial centre, GSR Hospital, Hyderabad under Dr Gosla. Reddy

## 28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

3-4% %

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

Serum Lactate dehydrogenase levels as indicator for oral cancer in patient consuming smokless tobacco	Ms.Abhinaya.Chari, III B.D.S. student guided by Dr.Rajesh.P	Funded by ICMR
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## 29. Awards / recognitions received at the national and international level by

- Faculty

Dr Semmia	“Best Poster award”	15 <sup>th</sup> Mid Term National Conference and 2 <sup>nd</sup> post graduate convention AOMSI, Kanyakumari 2011.
Dr Semmia	“Best Scientific paper award”	The First South Zone Convention on “Maxillofacial Surgical Pathology and Diagnosis – A” ORAMPS 2012.
Dr. Alagappan	Understanding the complexities of orbital floor fracture. 1 <sup>st</sup> prize in Paper presentation	At Nair Hospital Dental College
Dr. Alagappan	Tuberculous osteomyelitis of jaws - 2 <sup>nd</sup> Prize in Poster presentation.	5 <sup>th</sup> Asian and 28 <sup>th</sup> National Conference of Oral and Maxillofacial Surgery, Mumbai, Dec.

		2002
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- **Doctoral / post doctoral fellows**

NOT APPLICABLE

- **Students**

Student name	Conference	Topic	Award
Arsheen khan	Midas fest 2013	Quiz	Third prize
Anitha .R	Midas fest 2013	Quiz	Third prize
Shaik nadia	Midas fest 2013	Quiz	Third prize
Amira . I.B	Midas fest 2013	Quiz	Third prize

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

DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY	<u>ORGANISED</u> 5 <sup>th</sup> TOMA conference held at Chettinad Health City, Kancheepuram on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009
Chettinad Dental college and research institute	23 <sup>rd</sup> national conference of Indian society of Dental research 2011.
Chettinad Dental college and research institute	“Dentistry and beyond” Indian Dental association national student convention.

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

All research works are done under the concurrences of the Ethical committee of Chettinad Academy of Research and Education



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

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
IV BDS - 2011	61	14	72	80%	86%
IV BDS - 2012	84	16	58	75%	77%
IV BDS - 2013	79	20	80	95%	98%

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same State	% of students from outside the State	% of students from other countries
UG – Final year B.D.S (2013 – 14)	97 %	2 %	1%

**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? Give details category-wise.**

The Chettinad Dental College and Research Institute is six years old and so only two batches have graduated. Many aspiring students of institution are active preparing for the All India post-graduate, state entrance examination and exams conducted by other universities. Few of the students are in the process of appearance in civil service examination and foreign degree programmes.

S.No	Name of the Student's	Name of the competitive examinations
1	Dr.Karthikay Kausik	TOEFL, GRE

2	Dr.Vaishnavi Rao	TOEFL
3	Dr.Niharika Dahake	IELTS

### 35. Student progression

Student progression	Percentage against enrolled
UG to PG	6%
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than campus recruitment</li> </ul>	Employed in Dental college – 5 Employed in private clinics – 28 Started own clinics – 28
Entrepreneurs	10%

### 36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	20
from other universities within the State	20
from universities from other States	60
from universities outside the country	-

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

Dr.Rajesh	DNB(2002), MNAMS(2006)
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**38. Present details of departmental infrastructural facilities with regard to**

- a) Library – NIL
- b) Internet facilities for staff and students –
  - i. One laptop per student with wi-fi and lan connectivity provided.
  - ii. One computer with internet connection
- c) Total number of class rooms: 3 (includes 1 seminar room)
- d) Class rooms with ICT facility and ‘smart’ class rooms: 3
- e) Students’ laboratories - NA
- f) Research laboratories - NONE

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

a) from the host institution/university :NA

b) from other institutions/universities :NA

**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**

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

Yes, feedback is collected and analysis of the views on the curriculum, teaching methods, student assessment outcomes are done at the department meetings.

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

Yes, student feedbacks are collected at regular intervals through questionnaires on department and staff. The same are discussed periodically to improvise or to bring about changes for the betterment of the department.

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

Yes, feedback from alumni received through emails, letters and word of mouth during their periodical visit to the institution

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

YES, So far only 2 batches of students have graduated from the institution comprising a bunch of aspiring young talents.

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

BASIC LIFE SUPPORT Teaching programmes for the CRI.

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

1. Encouraging students in the stabilization of emergency cases, pre operative work up and as an observer and assistant in major maxillofacial surgeries

**Student staff mentorship**

Each student of the department has been assigned under a faculty in the student – staff mentorship program. The student staff mentorship functions at a ratio of 1:10 the faculties help the students in identifying the problem and provide appropriate support to the student

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

Yes, student feedbacks are collected once in 6 months through questionnaires for feedback on the department as a whole and staff as individuals. The finer points of the feedback are summarized and suitable improvement measures are adapted accordingly.

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

Yes, the students and faculty of the department take part in the camps organized by various organizations and institutions. The department is in collaboration with a good number of companies and construction site, in organizing medical and Dental camps. The faculties and the students are involved in creating awareness on effects of tobacco, pre malignancies and oral cancer and Dental health.

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

Assistance in major oral Surgery

Research activities

Conduction of various community treatment camps and their active participation

**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.**

Live demonstration and training of Basic Life Support using mannequins and AED

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

**Strengths :**

1. Well trained, experienced and highly qualified faculty.
2. 24hrs casualty service to attend emergency cases.
3. STATE OF THE ART operation theatres equipped to manage advanced surgeries
4. Academic discussions and clinical exposure with personally dedicated responsible faculty team.
5. Well equipped advanced skills lab with all the mannequins for live demonstration of IV infusion, intubation, tracheotomy, Basic Life Support

with Automated Electronic Device.

**Weakness:**

5. The specialty demands many sophisticated equipments.
6. Repair and maintenance of equipments.
7. To improve the inflow of various craniofacial anomalies and pathological cases.

**Opportunity:**

1. BLS Training which aids in management of various emergencies.
2. Exposure of students to casualty cases enabling them to provide aid in emergency cases.
3. The locality of hospital is such that it provides exposure to wide variety of complex cranio-maxillofacial trauma.
4. Equipped with sufficiently talented, and dedicated responsible faculty team

**Challenges:**

1. Peer competition.
2. Lack of skilled manpower to maintain equipments.
3. To keep upgradation of knowledge and enhancement of clinical skills.

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

1. To upgrade to post graduate institution.
2. To involve in more research activities.
3. To establish a well equipped advanced craniofacial trauma unit.

## Annexure 1

### PUBLICATION OF THE FACULTIES IN THE DEPARTMENT OF ORAL and MAXILLOFACIAL SURGERY

Name of the faculty

**Dr.Rajesh.P.**

#### I) PUBLICATIONS

Sl no	Articles	Journal	Impact factor
1	Clinical Evaluation of Altered Sensitivity of the Infra – Orbital nerve following fractures of Zygomatico-maxillary Complex	Journal of the Indian Dental Association	-
2	Postero lateral tongue flaps in the repair of palatal fistula	Indian journal of oral and Maxillo -- facial Surgery	-
3	An Evaluation of sensory disturbances following orthognathic Surgery	Indian journal of oral and Maxillo-facial Surgery	-
4	Epidemiology of cleft lip and cleft palate	journal of Indian Orthodontic Society	-

5	An Evaluation of Neuro sensory disturbances following orthognathic	Surgery Journal of-Indian Dental Association	-
6	A Clinical Profile to assess the potential risk for cleft lip and palate.	Journal of Indian society for Pedodontics and preventive dentistry.	-
7	Orthodontic leadership in cleft lip and palate Management.	Journal of Indian Orthodontic society	-
8	A Comparison between Radiography and Ultrasonography in the Diagnosis of Zygomatic Arch Fracture	Indian Journal of Dental Research	-
9	A study on mandibular reconstruction	Journal of Maxillofacial and Oral Surgery	1.838
10	Patients Perspectives following Orthognathic Surgeries	Journal of Maxillofacial and Oral Surgery	1.838
11	Ultrasonographic evaluation during reduction of isolated fracture of zygomatic Arch.	Journal of Maxillofacial and Oral Surges	1.838
12	Cleido-cranial dysplasia- A case report	Journal of Maxillofacial and	1.838



		Oral Surgery	
13	Pagets disease -2 case reports	Journal of Maxillofacial and Oral Surgery	1.838
14	Surgical correction of unilateral cleft lip and palate	Journal of maxilo facial and Oral Surgery	1.838
15	A Clinical Profile to Asses the Etiology of TM Joint Ankylosis.	Indian Journal of Dental Research	-
16	Epidemiology of cleft and cleft palate in south Indian population	Journal of the. Indian Association of Public Health Dentistry	-
17	Pycnodysostosis–Two Case Reports.	Journal of Maxillofacial and Oral Surgery	1.838
18	Cleidocranial Dysplasis report of two cases.	Journal of Oral and Maxillofacial Pathology	-
19	Comparison of morbidity following removal of mandibular 3 <sup>rd</sup> molar by lingual split, surgical bur and simplified split bone technique	Indian Journal of Dental Research	-
20	Dentigerous cyst associated	Indian Journal of	-

	with an ectopic 3 <sup>rd</sup> molar in the maxillary sinus –A rare entity.	Dental Research	
21	Correlations of clinical and MRI findings of temporo mandibular joint Internal derangement	Indian Journal of Dental Research	-
22	Comparative evaluation of clinical examination. and USG in detecting cervical lymph node metastasis in oral cancer	Indian .Journal of Maxillofacial and Oral Surgery	-
23	Management of thoracic duct in left side neck dissection- Abstracts of the 18 <sup>th</sup> ICOMS	International journal of oral and maxillofacial Surgery	1.835
24	Management of neck (elective dissection) contrast between tongue and cheek in early stage cancer - Abstracts of the 18 <sup>th</sup> ICOMS	International Journal of Oral and Maxillofacial Surgery	1.835
25	Incidence of postoperative nausea and vomiting in elective oral and maxillofacial surgical procedure- Abstracts of the 18 <sup>th</sup> ICOMS	International journal of oral and maxillofacial Surgery	1.835
26	Combined multidisiplinary approach in oral Cancer- Abstracts of the	International journal of oral and maxillofacial	1.835

	18 <sup>th</sup> ICOMS	Surgery	
27	Management of eye in maxillary tumours- Abstracts of the 18 <sup>th</sup> ICOMS	International journal of oral and maxillofacial Surgery	1.835
28	Calcinosis cutis - unique case report- Abstracts of the 18 <sup>th</sup> ICOMS	International journal of oral and maxillofacial Surgery	1.835
29	Correlation of clinical and MRI findings in TMJ internal derangements - Abstracts of the 15th ICOMS	International journal of oral and maxillofacial Surgery	1.835
30	Role of povidone iodine in periapical surgeries Hemostyptic and anti inflammatory?	Annals of Maxillo-facial Surgery.	-
31	Obstructive Sleep apnea Maxillo facial surgeons perspective	Chettinad health city medical journal	-

## II) PAPERS PRESENTED

SL NO	TOPIC	CONFERENCE
1	Cephalometrics in facial Deformities	21" AOMSI*. Chennai. India. Dec1995.
2	"Diagnosis of dento- facial	first Mid Term AOMSI*,

	deformities"	Pune -India, June1996.
3	Maxillary growth-A controversial diagnosis"	23rd AOMSI.Hyderabad, India, -Jan1998.
4	"Neuro-sensory evaluation following ,zygomatoco. Maxillary Complex Fractures	24th :AOMSI* Kochi. India.-.Jan1999
5	Surgical management of AMELOBLASTOMA Whether Ready Made (or) Tailor Made.	Fourth mid term AOMSI*, Puri. India, Aug 1999.
6	7. Postero lateral tongue flaps in palatal flstula.	5 <sup>th</sup> Midterm of .AOMSI* 2000
7	"Neuro-sensory evaluation following Orthognathic Surgeries" -	25th AOMSI*. Chandigarh. India.- Jan 2000.
8	A clinical profile to assess the potential risk factors and cleft lip and palate.	27th AOMSI*. Goa. India.- Dec-2001

### III) CONFERENCES ATTENDED

1.	Symposium on TM joint Ankylosis Dharwad. India.Jan-1995.
2.	International Symposium on T.M joint Disorders and Chronic Orofacial pain. Mangalore
3.	Oral malignancies.April 2000 ,Dharwad
4.	Ist International Conference on thesis writing and scientific publication Feb 6-7 2008 Chennai, India
5.	18 <sup>th</sup> international conference of Oral and maxillofacial surgeons. 14 <sup>th</sup> -18 <sup>th</sup> November 2007. India
6.	18 <sup>th</sup> International conference on Thesis Writing and Scientific publication Feb6, 7 2008.Chennai.India
7.	CDE on implantology.7 <sup>th</sup> Feb 2006.Chennai.India.
8.	University of Glasgow(U.K). International Course on Trauma and Distraction of Osteogenesis.December2005.Chennai
9.	Advance Craniofacial Maxillofacial Forum on Orthognathic Course conducted
10.	Comprehensive Trauma Life Support conducted by International Trauma Anesthesia and Critical Care.
11.	International P.G. training course in O.M.F.S. by IAOMS Chennai, India. April 2004. On maxillofacial tumours, salivary gland disease, oral cancer
12.	Fundamentals in Trauma and life Support july2002. Kodaikanal. India
13.	Asian Association of Oral and Maxillo Facial

	Surgeon's Conference Dec-2002.Mumbai.
<b>14.</b>	Second International Meeting of Cleft Lip and Craniofacial Anomalies. March 2003. Chennai.
<b>15.</b>	International P.G. training course in O.M.F.S. Dharwad. India. April 2003.
<b>16.</b>	University of Glasgow(U.K). International P.G. training course in O.M.F.S. Luck now.

#### **IV) WORKSHOPS ATTENDED**

<b>1.</b>	Surgical workshop on Oral Cancer Ist and 2 <sup>nd</sup> June 2004.Hubli.India.
<b>2.</b>	Hands on workshop on cadavernic dissection of the facial nerve and TMJ 12 <sup>th</sup> Dec
<b>3.</b>	National symposium of Salivary Gland Diseases 29 <sup>th</sup> Jan 2006. Chennai, India
<b>4.</b>	Update on maxillofacial education "Micro vascular-reconstruction'-7 <sup>th</sup> April 2007.Chennai.India
<b>5.</b>	First international workshop on distraction ostcosynthesis. Dharward
<b>6.</b>	1 <sup>st</sup> update on cleft and craniofacial Surgery I8 <sup>th</sup> Dec 2006. Chennai India.
<b>7.</b>	Silver jubilee surgical workshop @ Karnatak cancer therapy and research institute Hubli june 2004

**Dr Alagappan**

## **I) PUBLICATIONS**

<b>1</b>	Conservative Management of Odontogenic Keratocyst	StreamDent. SRM University Journal of Dental Sciences
<b>2</b>	The Role of Buccal Fat Pad in the Surgical Management of Oral Submucous Fibrosis	Chettinad Health City Medical Journal
<b>3</b>	Tooth fragment embedded in the upper lip after traumatic Dental injury-case report	. Streamdent, SRM University Journal of Dental Sciences
<b>4</b>	Dentigerous cyst associated with mandibular first premolar – a rare case report.	Indian Journal of Multidisciplinary Dentistry.
<b>5</b>	Ludwig's Angina: A rare case report	Indian Journal of Multidisciplinary Dentistry
<b>6</b>	Chemopreventive role of Vitamin E – A review.	Streamdent, SRM University Journal of Dental Sciences.

## **II) PAPER AND POSTER PRESENTATION**

<b>1</b>	Poster presentation on the topic: Diagnosis and Management of Tuberculous Osteomyelitis of Jaws	5 <sup>th</sup> Asian and 28 <sup>th</sup> Annual Conference of Oral and Maxillofacial Surgery, Mumbai, Dec 2002
<b>2</b>	Paper presentation on the topic: Understanding the Complexity of Orbital Injuries	29 <sup>th</sup> Annual Conference of Oral and Maxillofacial Surgery, Mangalore, Dec 2003.
<b>3</b>	Poster presentation on the topic: Management of Difficult Airway in Maxillofacial Trauma.	7 <sup>th</sup> Midterm Conference at Kodaikanal, June 2002

### **III) CONFERENCES ATTENDED**

1.	6 <sup>th</sup> Midterm Conference at Shimla, July 2001
2.	7 <sup>th</sup> Midterm Conference at Kodaikanal, June 2002
3.	5 <sup>th</sup> Asian and 28 <sup>th</sup> Annual Conference of Oral and Maxillofacial Surgery, Mumbai, Dec 2002.
4.	29 <sup>th</sup> Annual Conference of Oral and Maxillofacial Surgery, Mangalore, Dec 2003.
5.	International Conference on Oral and Maxillofacial Surgery, Bangalore, India,(2007)
6.	4 <sup>TH</sup> TOMA conference, Kodaikanal, April 2009

### **IV) WORKSHOPS**

1.	Workshop on Oral Implantology, AFMC, Pune, Oct 2001
2.	Workshop on Distraction Osteogenesis, Mumbai, Dec 2002
3.	Workshop on Medical Education Training, August 2006.
4.	Workshop on Critical care, Yavatmal, Maharashtra 2006.
5.	Workshop on Head and Neck Oncology, J.J. Hospital, Mumbai, Oct 2004



6.	Workshop on Orthognathic Surgery, Dharward, April 2003
7.	Workshop on Distraction Osteogenesis, Dharward, Dec 2001

### **Dr. Vinay Kumar Reddy**

#### **I) PUBLICATIONS**

1	Extensive Nasopalatine Duct Cyst Causing Nasolabial Protrusion	Indian Journal Of Multidisciplinary Dentistry
2	The Role of Buccal Fat Pad in the Surgical Management of Oral Submucous Fibrosis	Chettinad Health City Medical Journal
3	Tooth fragment embedded in the upper lip after traumatic Dental injury-case report	. Streamdent, SRM University Journal of Dental Sciences
4	Dentigerous cyst associated with mandibular first premolar – a rare case report.	Indian Journal of Multidisciplinary Dentistry.
5	Ludwig’s Angina: A rare case report	Indian Journal of Multidisciplinary Dentistry
6	Chemopreventive role of Vitamin E – A review.	Streamdent, SRM University Journal of Dental Sciences.

#### **II) PAPER AND POSTER PRESENTATION**

1	Minimal access technique of Lag Screw fixation for anterior mandible fracture	32 nd National conference of AOMSI, Kolkatta
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#### **III) CONFERENCES**

1	International conference on management of oral cancer,2007
2	National conference of Association of Oral and Maxillofacial Surgeons of India (AOMSI) 2005,2006
3	State annual conference AOMSI (Tamilnadu, Pondicherry ),2006,2007

#### **Dr. SEMMIA**

#### **PAPER AND POSTER PRESENTED**

Dr Semmia	Poster-“Reconstruction of mandible with Microvascular free fibula”	15 <sup>th</sup> Mid Term National Conference and 2 <sup>nd</sup> post graduate convention AOMSI, Kanyakumari 2011.
Dr Semmia	Paper -“Cervical ganglioneuroma-a rare case report”	The First South Zone Convention on “Maxillofacial Surgical P Confluence of Specialties athology and Diagnosis – A” ORAMPS 2012.
Dr Semmia	Poster-“Central gaint cell granuloma”	2 <sup>nd</sup> state chapter AOMSI , Karnataka 2012

#### **IV) CONFERENCES ATTENDED**

1.	International Association of Oral and Maxillofacial surgeons Masterclass in oral and maxillofacial Surgery – A Comprehensive Review Course 2013
2.	“Ethics, Law and Jurisprudence in Medical and Dental Practice” on November 2013 at P.M.N.M Dental college and Hospital ,Bagalkot.
3.	“Orientation Programmeme for M.D.S Course” conducted by RGUHS, Bangalore 2010
4.	36 <sup>th</sup> Annual Conference of Oral and Maxillofacial Surgeons of India ,New Delhi November 2011.

5.	Pediatric Anesthesiology- Department of Anesthesiology” November 2011 S.N.M.C and HSK Hospital, Bagalkot.
6.	Association of Oral and Maxillofacial Surgeons of India and 15 <sup>th</sup> Midterm conference and 2 <sup>nd</sup> post graduate convention on 17 <sup>th</sup> and 19 <sup>th</sup> June 2011 at Kanyakumari
7.	1 <sup>st</sup> Annual Conference of Karnataka State chapter AOMSI on 12 <sup>th</sup> and 13 <sup>th</sup> March 2011 at Mysore

#### **V) WORKSHOPS**

1.	Workshop on Rhinoplasty held by Government Dental college and research Institute, Bangalore on 15 <sup>th</sup> and 16 <sup>th</sup> November 2010
2.	Workshop and conference organized by Kidwai Memorial Institute of Oncology in association with Indo-British oral oncology on 26 <sup>th</sup> and 27 <sup>th</sup> November 2010 at Bangalore
3.	“Surgical Orthodontics” at K.L.E Academy ,Belgaum on January 2011

**DEPARTMENT OF PUBLIC HEALTH DENTISTRY**

### **Evaluative Report of the Department**

**1. Name of the Department**

Department of Public Health Dentistry

**2. Year of establishment**

2009

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

Yes, the department is part of Chettinad Dental College and Research Institute affiliated to Tamil Nadu Dr. MGR Medical University, Chennai.

**4. Names of programmes offered - Bachelor of Dental Surgery (BDS)**

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

Bachelor of Dental Surgery (BDS)

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

Not applicable

**7. Details of programmes discontinued, if any, with reasons: None**

**8. Examination System: Annual**

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

Department Involved	Name of the Programme	Date
Department of Periodontia	CDE in Research Methodology	July 2013

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

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	0	0	0
Associate Professor/Reader	1	1	1
Assistant Professor	NA	NA	-
Lecturer	2	2	2
Tutor / Clinical Instructor	2	2	2

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

Name	Qualification	Designation	Specialization	No of years of experience
Dr. Navin	MDS	Reader	Public Health Dentistry	7 years
Dr. S. Prabhu	MDS	Lecturer	Public Health Dentistry	1 year
Dr. N. Nagappan	MDS	Lecturer	Public Health Dentistry	-
Dr.Dinesh Damodhar	MDS	Lecturer	Public Health Dentistry	-
Dr.Sindujha Harini	BDS	Tutor	Dentistry	1yr
Dr.C.V.Senthil Kumar	BDS	Tutor	Dentistry	1yr

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :**  
None

**13. Percentage of classes taken by temporary faculty – programme-wise information :**  
Not applicable

**14. Programme-wise Student Teacher Ratio :- 25:1**

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page: 490*

**16. Research thrust areas as recognized by major funding agencies: Oral Cancer Epidemiological survey.**

- Prevalence of Oral mucosal lesions Among Migrant Construction workers in Chennai.

**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 b) International collaboration

None

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

One project approved in ICMR

**20. Research facility / centre with**

- state recognition : None
- national recognition : None
- international recognition: None

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

No

**22. Publications:**

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

S. No	Name	Article
1	Dr. Navin	Prevalence Of Traumatic Injuries To Permanent Incisors Among 12 Years In Tandoor, Andhra Pradesh. Journal Of Indian Association Of Public Health Dentistry. Volume 2011 Issue 17 Supplement Ii Page 704-707

S.No	Name	Article
1.	Dr. S. Prabhu	Prabhu S, Joseph John, Saravanan S and Meignana Arumugam I. Prosthetic status and treatment needs of institutionalised elders of age 60 years and above in Chennai. Journal of Indian Association of Public Health Dentistry 2011; 18(1): 426-430.
		Prabhu S, Joseph John and Saravanan S. Knowledge, Attitude and Perceived barriers towards Practice of Evidence Based Dentistry among Indian postgraduate Dental students.” IOSR Journal of Dental and Medical Sciences 2012; 2(1):46-51.
		Prabhu S, Joseph John. Dental caries prevalence among 12-year old children from urban and rural areas in Tamil Nadu, India – A Comparative study. e-Journal of Dentistry 2013; 3(1):326-30.
		Prabhu S, Joseph John and Saravanan S. Perceived Competency towards Dental Practice among Interns of various Dental Colleges in India. Journal of Education and Ethics in Dentistry 2012;2(1):33-39.
		Prabhu S, Joseph John and Saravanan S. Prevalence of Dental Caries, Dental Fluorosis and its Impact on the Quality of Life of 12 year old children in India. Chettinad Health City Medical Journal 2013;2(3):74-79.

S.No	Name	Publications
1.	Dr. N.Nagappan	Antimicrobial efficacy of Herbal and Chlorhexidine mouthrinse. A systematic review. <i>IOSR Journal of Dental and Medical Sciences</i> 2012; 2(4); 05-10
2.	Dr. N.Nagappan	Sociodemographic profile of orofacial cleft patients in India. A Hospital based study. <i>International Journal of Medicine and Public Health</i> 2014; 6 (6).



S.No	Name	Publications
1.	Dr. M. Dinesh Dhamodhar	An Assessment of Oral Health Status and Treatment Needs of Institutionalized Differently Abled Persons in Chennai City – A Cross Sectional Survey. Indian Journal of Research 2013; 2 (8): 05-06.

**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**  
None

**26. Faculty serving in**

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

Dr.S. Prabhu, Dr. N. Nagappan and Dr. Dinesh Damodar

- Member in Indian Association of Public Health Dentistry

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

All the faculties of the department frequently attend CDE programme conducted in college by various specialities. We conduct intradepartmental seminars, case discussions, short topic discussions with interns and webinars by intellectuals and experts. The faculties attend national and international conferences. The faculties attended IQAC national seminar on outreach programmes and research methodology programme organized by public health dentistry.

**28. Student projects**

- percentage of students who have taken up in-house projects including inter-departmental projects- 25%
- percentage of students doing projects in collaboration with other universities / industry / institute –Nil

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

Staff	Awards
Dr. S. Prabhu	Best scientific paper – “Impact of Dental caries and Dental fluorosis on the quality of life of 12 year old children in India”, at the XVIIth National Conference of the Indian Association of Public Health Dentistry held at Chettinad Dental College and Hospital, Chennai.

**Doctoral / post doctoral fellows:** None

**Students – Nil**

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

- CDE Programme – ‘Research Methodology in Dentistry’ on 24.07.2013 in association with Indian Association of Public Health Dentistry, Tamil Nadu Chapter.

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

Yes. The research works of the department are submitted and presented to ethical committee prior to the commencement.

**32. Student profile programme-wise: NA**

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same State	% of students from outside the State	% of students from other countries
UG-(2013-14)	98%	2%	0%

**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? Give details category-wise.**

The Chettinad Dental College and RI is six years old and so only two batches have graduated. Many aspiring students of institution are active preparing for the All India post-graduate, state entrance examination and exams conducted by other universities. Few of the students are in the process of appearance in civil service examination and foreign degree programmes.

S.No	Name of the Student's	Name of the competitive examinations
1	Dr.Karthikay Kausik	TOEFL, GRE
2	Dr.Vaishnavi Rao	TOEFL
3	Dr.Niharika Dahake	IELTS

### 35. Student progression

Student progression	Percentage against enrolled
UG to PG	6%
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than campus recruitment</li> </ul>	Employed in Dental college – 5 Employed in private clinics – 28 Started own clinics – 28
Entrepreneurs	10%

### 36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	25%
from other universities within the State	50%
from universities from other States	25%
from universities outside the country	-

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : None**

**38. Present details of departmental infrastructural facilities with regard to**  
**a) Library – Yes.**

- b) Internet facilities for staff and students** -Yes One computer with internet for staff and one laptop per student with wi-fi and lan connectivity provided.
- c) Total number of class rooms**- 2 (1- seminar room)
- d) Class rooms with ICT facility and ‘smart’ class rooms**- 1
- e) Students’ laboratories** - NA
- f) Research laboratories** – NA

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

- a) from the host institution/university**
  - b) from other institutions/universities**
- None

**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**

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

Yes, feedback is collected through departmental meetings in which the views on the curriculum, teaching schedules, teaching tools, student assessment outcomes are discussed for taking improvement measures. Internal assessment among the staff members are discussed and ways to improve quality of teaching learning and evaluation methods are adopted.

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

Yes, student feedbacks are collected once in 6 months through questionnaires for feedback on department as a whole and staff as individuals. The finer points of the feedback are summarized and suitable improvement measures adopted accordingly.

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

Yes, feedback from alumni received through emails, letters and word of mouth during their periodical visit to the institution.

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

So far only 2 batches of students have graduated the institution comprising a

bunch of aspiring young talents.

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

Yes,

- Dr. P.D. Madan Kumar, Oral Epidemiology and Research Methodology
- Dr. M. B. Aswath Narayanan, Public Health
- Dr. K.G. Venkatesh, Bio-Statistics and
- Dr. Akila, Fluorides in Dentistry.

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

1. Teaching students- Student staff mentorship 3:1,
2. Clinical teaching via audio visual aids, clinical models
3. Periodic clinical tests are conducted at the end of the clinical posting
4. Periodic conductance of seminars, revision tests, viva voce

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

1. Periodic meetings with the faculty in the department. (twice a month)
2. Department conducts monthly tests and clinical tests at the end of each clinical posting. Moreover we conduct examination question paper and viva question discussions to know their understanding of the topic periodically.
3. Through the PTA committee the feedback is obtained from the parents to improve the student's performance.

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

Yes, the students and faculty of the department take part in the camps organized by various organization and institutions. The faculties and the students are involved in creating awareness on effects of periodontal health. The faculties and the students of the department participate in outreach programmes and perform periodontal procedures.

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

We encourage students in short term surveys, research programmes and writing journal articles.

**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.**

The department has formulated Chapterwise MCQs, Viva questions and clinical manual

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

**Strengths:**

1. Coordinate work -Equal distribution of work
2. Mentorship/guide
3. Well scheduled intradepartmental activities
4. Research work
5. Adequate infrastructure for the programme offered

**Weaknesses:**

More staff strength required facing the increasing amount of outreach activities and research works in the department

**Opportunities:**

1. For students: Students are allowed to participate in various field programmes where they screen for oral diseases, treat the patients, educate the patients on prevention of the diseases. It enhances communication skills of the patient.
2. For department: Adequate infrastructure for further development.
3. Platform for short term study works and publications for interns

**Challenges:**

1. To motivate the students to create awareness about the oral diseases to the public.
2. Further training and skills are required to strengthen the future challenges of the department.

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

- To do more research projects (National)
- To Set up Anti-Tobacco Counselling cell
- Post graduation

**DEPARTMENT OF ORAL & MAXILLOFACIAL  
PATHOLOGY**

**Evaluative Report of the Department**

- 1. Name of the Department :**  
Department of Oral and Maxillofacial Pathology
- 2. Year of establishment :**  
2007
- 3. Is the Department part of a college/Faculty of the university?**  
Yes, Chettinad Dental College and RI, affiliated to the TamilNadu Dr. M.G.R. Medical University, Chennai
- 4. Names of programmes offered :**  
Bachelor of Dental Surgery (B.D.S., Under-Graduate programme)
- 5. Interdisciplinary programmes and departments involved :**  
Bachelor of Dental Surgery
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc. :**  
Not Applicable
- 7. Details of programmes discontinued, if any, with reasons :**  
None
- 8. Examination System:**  
Annual Examination
- 9. Participation of the department in the courses offered by other departments:**  
Bachelor of Dental Surgery (B.D.S., undergraduate program)
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS and MPS)
Professor	1	1	1
Associate Professor/Reader	1	1	1



	Sanctioned	Filled	Actual (including CAS and MPS)
<b>Professor</b>	1	1	1
<b>Assistant Professor</b>	NA	NA	-
<b>Lecturer</b>	2	2	2
<b>Tutor / Clinical Instructor</b>	2	2	-
<b>Senior Resident</b>	NA	NA	-

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

Name of the faculty	Qualification	Designation	Specialization	No of yrs of experience
Dr.R. Sathish Muthukumar	M.D.S	Professor and Head	Oral and Maxillofacial Pathology	14 years
Dr.Sandhya Arunkumar	M.D.S	Reader	Oral and Maxillofacial Pathology	8 yrs 6 mon
Dr.Aesha	M.D.S	Senior Lecturer	Oral and Maxillofacial Pathology	3 years
Dr.K. Sriram	M.D.S	Senior Lecturer	Oral and Maxillofacial Pathology	2 years
Dr .Shyama Hijam	B.D.S	Tutor	Dentistry	3 years
Dr.Sandeep	B.D.S	Tutor	Dentistry	1 years

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

None

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

Not applicable

**14. Programme-wise Student Teacher Ratio :**

25:1

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

Technical staffs and administrative staff are shared resources of the institution. *For details ref. ANNEXURE-V; page:490*

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

- a. Transformation of pre-cancerous lesions to invasive disease
- b. Expansion of the National Cancer Registry Project
- c. To understand the carcinogenicity of areca nut/gutka
- d. Epidemiological studies on cancers of gall bladder, stomach, lung and oral cavity
- e. Role of virus in cancers such as cervix, liver, oral cavity and esophagus

**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 : (Annexure-1; page:421)**

S No	Name of the Project	Funding Agency	Total grants
1.	Association of high risk HPV types with precancerous and cancerous lesions of oral cavity – A preliminary study	Chettinad University	Rs.10000/-
2.	Assessment of Oral Mucosal Integrity Status in patients with Recurrent Aphthous Stomatitis	ICMR	Rs.10000/-

3.	Living conditions, morbidity profile and healthcare seeking behavior of immigrant construction labour – A community based study.	Self funded	-
4.	Study on the prevalence of Sublingual Varices in Hypertension, Cardiopulmonary Diseases and Leg Varicosities Patients	Self funded	-
5.	Correlation of Salivary Hydrazine Glycated Protein with HbA1c Level in Diabetes Mellitus	Self funded	-
6.	Prevalence study of potentially malignant disorders of the oral mucosa among the North Indian construction site workers in Chennai.	Self funded	-
7.	Evaluation of Lip print and Rugae pattern among Dental students of Chettinad Dental college, Chennai.	Self funded	-
8	Tobacco and alcohol consumption Habit among software professionals and its influential factors	Self funded	-
9	Transformation of Oral hygiene among students from High school to Dental Graduation	Self funded	-

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

S No	Name of the Project	Collaborating institution	Grants
1.	Association of high risk HPV types with precancerous and cancerous lesions of oral cavity – A preliminary study	Dept. of Pathology, CHRI	Chettinad University

2.	Living conditions, morbidity profile and healthcare seeking behavior of immigrant construction labour – A community based study.	Dept. of Preventive and Community Medicine, CHRI	Self funded
3.	Study on the prevalence of Sublingual Varices in Hypertension, Cardiopulmonary Diseases and Leg Varicosities Patients	Dept. of General Medicine, CHRI	Self funded
4.	Assessment of Oral Mucosal Integrity Status in patients with Recurrent Aphthous Stomatitis	Dept. of Biochemistry, CHRI	ICMR
5.	Correlation of Salivary Hydrazine Glycated Protein with HbA1c Level in Diabetes Mellitus	Dept. of Biochemistry, CHRI	Self funded

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

S No	Name of the Project	Grants
1.	Assessment of Oral Mucosal Integrity Status in patients with Recurrent Aphthous Stomatitis	ICMR

**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:**

None

**22. Publications:**

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

Name of the Faculty	National	International	H index	Citation Index
Dr.R. Sathish Muthukumar	9	1	1	11
Dr.Sandhya Arunkumar	6	2	1	15
Dr.Aesha	5	-	-	-
Dr.K. Sriram	5	5	1	1

Annexure: 2; page:422

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

Nil

**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**

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

Name of the Faculty	Member	Name of the Journal
Dr.R. Sathish Muthukumar	Editorial Boards	Indian Journal of Dental Research
Dr.Sandhya Arunkumar	Editorial Boards	Indian Journal of Dental Research
Dr.R. Sathish Muthukumar	Reviewer	SRM Journal of Research in Dental Science

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

Yes, the faculties of the department refresh their knowledge and keep themselves updated by conducting intra-departmental and interdepartmental seminars, debates and slide discussions. All the faculties are members of the Indian Association of Oral and Maxillofacial Pathology and its local community. The faculties take active participation in the slide discussion seminar, workshops and training programme conducted by the above association and annual national conference. The department has organized symposium on oral cancer in association with other specialty and associations like the TamilNadu oral and maxillofacial association and Indian Dental association. The faculty of the department keep themselves updated by undergoing training in advanced diagnostic techniques and take-up certificate and short term course like the ones in forensic science.

Annexure-3; page:427

**28. Student projects**

- Percentage of students who have taken up in-house projects including inter-departmental projects- 3%
- Percentage of students doing projects in collaboration with other universities / industry / institute – 4%

S No	Name of the Project	Collaborating institution
1.	Study on the prevalence of Sublingual Varices in Hypertension, Cardiopulmonary Diseases and Leg Varicosities Patients	Dept. of General Medicine, CHRI
2.	Assessment of Oral Mucosal Integrity Status in patients with Recurrent Aphthous Stomatitis	Dept. of Biochemistry, CHRI
3.	Correlation of Salivary Hydrazine Glycated Protein with HbA1c Level in Diabetes Mellitus	Dept. of Biochemistry, CHRI
4.	Prevalence study of potentially malignant disorders of the oral mucosa among the North Indian construction site workers in Chennai.	Dept. of Oral and Maxillofacial Pathology (Intra-department)
5.	Evaluation of Lip print and Rugae pattern among Dental students of Chettinad Dental college, Chennai.	Dept. of Oral and Maxillofacial Pathology (Intra-department)

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

• **Faculty**

<b>Name of the Faculty</b>	<b>Awards / recognitions</b>
Dr.R. Sathish Muthukumar	“BEST TEACHER AWARD”, conferred by the TamilNadu Dr. M.G.R. Medical University in 2012.
Dr.Sandhya Arunkumar	2 <sup>nd</sup> best paper award at 20 <sup>th</sup> TamilNadu state Dental conference, at Trichirapalli on 29 <sup>th</sup> November , 2002
Dr.K.Sriram	1.Best poster award for the scientific poster titled “Expression of retinoic acid receptor $\beta$ 2 in oral squamous cell carcinoma and premalignant lesions” in First international conference of Indian association of oral and maxillofacial pathologists (IAOMP) held at Chennai ,India on 10 <sup>th</sup> -12 <sup>th</sup> December 2010  2. Best poster award for the scientific poster titled “Fibrous histiocytic tumors of the oral cavity – A way to go about” in National OOO symposium held at Bangalore, India on 9 <sup>th</sup> and 10 <sup>th</sup> July 2010

Annexure: 3; page:427

• **Doctoral / post doctoral fellows: NA**

• **Students (Annexure-4; page:436)**

<b>S no</b>	<b>Name of the student</b>	<b>Batch</b>	<b>Conference</b>	<b>Topic of presentation</b>	<b>Category</b>	<b>Awards and prizes</b>
1.	Shazia Fathima.JH	2007	Dentistry and beyond, IDA national students convention, 2011	Prions	Paper	Second
2.	Mohit Soni	2007	Fist south India undergraduat		Paper	Second

			e Dental convention, moksha, Chennai 2012			
3.	Sai Prabha	2007	Under graduate students convention, Saveetha Dental college, 2010	Herpes Zoster- a case report and review	Paper	First
4.	Sudha. S	2008	First international conference of Indian association of oral and maxillofacial pathologists, Chennai, 2010	How do you perceive oral pathology?	Essay	Best Essay
5.	Sudha. S	2008	23 <sup>rd</sup> national conference of ISDR, 2011	“Research on Tooth Fairies: Dental Stem Cells”	Paper	Best Paper Award
9.	Archana.S	2009	23 <sup>rd</sup> national conference of ISDR, 2011	Dental complications in various occupation	Paper	First
12.	Ramyasri	2009	Dentistry and beyond, IDA national students convention,	Dentigerous cyst associated with mandibular second	Paper	First



			2011	premolar- case report		
17	Surya .G Sathishkumar Vinothini.G	2009	23 <sup>rd</sup> national conference of ISDR, 2011	Oral manifestation s of vitamin deficiency	Poster	First
18	A.S udhapriya Santhoshi.R	2009	Dentistry and beyond, IDA national students convention, 2011	Dentigerous cyst	Poster	Second
19	Arjun Raj	2011	Fist South India undergraduate Dental convention, Moksha, Chennai 2012	Tooth carving		First
21	Nisha ashifa .n Ekta. M Divya Bharathi. S	2011	UG and PG students scientific meet, TamilNadu govt Dental college, Chennai,201 4	Tooth an important source of DNA in forensic odontology	Poster	Second
22	Amala Nancy Femil Jilta Jennifer Keerthana	2010	Fun with oral pathology, 2013.	Intercollegiat e student's competition in oral pathology	Cross word competition	First

	Sekar					
23 .	Amala nancy Femil Jilta Jennifer Keerthana sekar	2010	Fun with Oral Pathology, 2013.	Intercollegiat e student's competition in oral pathology	Multiple choice questions (mcq) competition	Third
24 .	Amala nancy Femil Jilta Jennifer Keerthana sekar	2010	Fun with oral pathology, 2013.	Intercollegiat e student's competition in oral pathology	Spot diagnosis ( oral pathology slide diagnosis competition )	First
27 .	Abinayachar i Alamelu Diwakar Mayank	2011	Fun with oral pathology, 2013.	Intercollegiat e student's competition in oral pathology	Multiple choice questions (mcq) competition	Second
29 .	Abinayachar i Alamelu Diwakar Mayank	2011	Fun with oral pathology, 2013.	Intercollegiat e student's competition in oral pathology	Extempore talk	Third

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

INTERNATIONAL	1. Organizing and Scientific Committee Member in the XIX National and First International Conference of Oral and Maxillofacial Pathology, Dec 9 <sup>th</sup> – 10 <sup>TH</sup> , 2010 at Chennai, India.
SPECIALITY	1. Organizing and Scientific Committee Member in the XIX National and First International Conference of Oral and Maxillofacial Pathology, Dec 9 <sup>th</sup> – 10 <sup>TH</sup> , 2010 at Chennai, India.
NATIONAL	<p>2. Member of the Organizing and Scientific Committee in the 5<sup>th</sup> TOMA conference held at Chettinad Health City, Kancheepuram on 21<sup>st</sup> and 22<sup>nd</sup> November 2009.</p> <p>3. Member of the Organizing and Scientific Committee in the 63<sup>rd</sup> Indian Dental Conference held in Chennai on 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> of February 2010.</p> <p>4. Member of the Organizing and Scientific Committee in the 23<sup>rd</sup> National Conference of Indian Society for Dental Research held on 7<sup>th</sup>-9<sup>th</sup> January 2011 at Chettinad Health City</p> <p>5. Member of the Organizing and Scientific Committee in the 7<sup>th</sup> MIDAS scientific students conference , at Chettinad Health City , on October 15<sup>th</sup> and 16<sup>th</sup> 2014.</p>

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

All research works are done under the concurrences of the Ethical committee of Chettinad Academy of Research and Education.

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

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
I B.D.S. (2012 – 13)	100	23	77	95.65%	94.8%
II B.D.S. (2012 – 13)	64	13	51	NA	NA
III B.D.S. (2012 – 13)	74	9	65	88.8%	100%

### 33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same State	% of students from outside the State	% of students from other countries
UG – I B.D.S	98 %	2 %	0 %
UG – II B.D.S	95 %	4 %	1 %
UG – III B.D.S	96 %	3 %	1 %

### 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? Give details category-wise.

The Chettinad Dental College and RI is six years old and so only two batches have graduated. Many aspiring students of our institution are actively preparing for the All India post-graduate, state entrance examination and exams conducted by other universities. Few of the students are in the process of appearance in civil service examination and foreign degree programmes.

S.No	Name of the Student's	Name of the competitive examinations
------	-----------------------	--------------------------------------

1	Dr.Karthikay Kausik	TOEFL, GRE, MPH-University of North Carolina.
2	Dr.Vaishnavi Rao	TOEFL
3	Dr.Niharika Dahake	IELTS

### 35. Student progression:

Student progression	Percentage against enrolled
UG to PG	6%
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	
• Campus selection	NA
• Other than campus recruitment	45%
Entrepreneurs	10%

### 36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	50%
From other universities within the State	17%
From universities of other States	33%
from universities outside the country	-

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

None

### 38. Present details of departmental infrastructural facilities with regard to a) Library :

Yes

**b) Internet facilities for staff and students :**

Two computers with internet for staff and one laptop per student with wi-fi and lan connectivity provided.

**c) Total number of class rooms**

Four

**d) Class rooms with ICT facility and 'smart' class rooms:**

Four

**e) Students' laboratories:**

Two

**f) Research laboratories**

One

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

**a) From the host institution/university**

**b) From other institutions/universities**

Not Applicable

**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.**

Not applicable

**42. Does the department obtain feedback from**

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

Yes, self evaluation of the department is done periodically and the same is discussed during the department meeting. The faculties regularly review the curriculum, make necessary adjustments in order to meet objective of the curriculum, teaching schedules, teaching tools, student assessment outcomes are discussed for taking improvement measures. Peer monitoring and internal assessment among the staff members are done, discussed and ways to improve quality of teaching, learning and evaluation methods are adopted.

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

Yes, student feedbacks are collected once in 6 months through

questionnaires for feedback on department as a whole and staff as individuals. The finer points of the feedback are summarized and suitable improvement measures adopted accordingly.

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

Yes, feedback from alumni received through emails, letters and word of mouth during their periodical visit to the institution.

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

So far only 2 batches of students have graduated the institution comprising a bunch of aspiring young talents.

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

<b>S No</b>	<b>Name of the external experts</b>	<b>Name of the conference</b>	<b>Name of the programme</b>	<b>Topic of the lecture</b>
1.	Dr. Umadevi K Rao Professor, Dept. of Oral and Maxillofacial Pathology, Ragas Dental College, Chennai	5 <sup>th</sup> TOMA conference on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009.	Oral Pathology Symposium	Pediatric cancer
2.	Dr. Sivapathasundaram Professor and Head, Dept. of Oral and Maxillofacial Pathology, Meenakshiammal Dental College, Chennai	5 <sup>th</sup> TOMA conference on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009.	Oral Pathology Symposium	Potentially malignant lesions
3.	Dr. K. Rajkumar, Professor and Head, Dept. of Oral and Maxillofacial	5 <sup>th</sup> TOMA conference on 21 <sup>st</sup> and 22 <sup>nd</sup>	Oral Pathology Symposium	Odontogenic Cyst

	Pathology, SRM Dental College, Chennai	November 2009.		
4.	Dr. Srinivas Vanaki, Professor and Head, Dept. of Oral and Maxillofacial Pathology, Dental College, Bagalkot, Karnataka	5 <sup>th</sup> <b>TOMA</b> conference on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009.	Oral Pathology Symposium	Odontogenic Tumors
5.	Dr. I. Ponniah, Professor and Head, Dept. of Oral and Maxillofacial Pathology, TamilNadu Govt. Dental College, Chennai	5 <sup>th</sup> <b>TOMA</b> conference on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009.	Oral Pathology Symposium	Salivary Gland Neoplasm
6.	Dr. Mani, Consultant Surgical Oncologist, Apollo Hospitals, Chennai	5 <sup>th</sup> <b>TOMA</b> conference on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009.	Oral Pathology Symposium	Panel discussion on Surgical oncology and treatment planning
7.	Dr. Venkat Consultant Surgical Oncologist, Sri Ramachandra Medical University, Chennai	5 <sup>th</sup> <b>TOMA</b> conference on 21 <sup>st</sup> and 22 <sup>nd</sup> November 2009.	Oral Pathology Symposium	Panel discussion on Surgical oncology and treatment planning

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

- Teaching students- Student staff mentorship 25:1
- Teaching via audio visual aids, clinical models, 3D models Practical demonstration and with aid of post surgical specimens



- Periodic theory and practical tests are conducted at the end of the term.
- Periodic conductance of seminars, revision tests, viva voce
- Debates and quiz
- Encourage students to perform with incentive or rewards
- Conduct prize examination
- Student's projects in small groups

#### **Student staff mentorship:**

Each faculty of the department has been assigned with a set of students. The student staff mentorship functions at a ratio of 25:1. The faculties help the students in identifying the problem and provide appropriate support to the student. Apart from the student-staff mentorship programme, the institution keeps a track on the academic performance of individual student through the course in-charges designated for each year of study that functions under the Dental education unit (DEU). The students can also avail the services of the student's counseling and guidance centre both independently or through the DEU.

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

The programme objectives are met by conducting periodical internal assessment examination, class discussions and seminars. The department receives feedback from the students and parent through one to one interaction conducted during biannual parent-teacher meet. The feedbacks from the student are also received following the completion of a chapter or term and the feedbacks are evaluated and necessary measures are taken. The Dental education unit (DEU) also includes student members who will give regular inputs on student's requirement.

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

Yes, the students and faculty of the department take part in the camps organized by various organization and institutions. The department had been proactive in establishing and in the functioning of the Dental out-patients department at the Chettinad Medical College and Research Institution. The department is in collaboration with a good number school, companies and constructions in organizing medical, Dental camps and facilitates treatment. The faculties and the students are involved in creating awareness on effects of tobacco, pre malignancies and oral cancer and Dental health.

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

The department trains the students in clinical diagnostic technique, grant and article writing.

**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.**

The department prepares the students for competitive examinations and trains them MCQs, one word questions, etc. It upgrades the knowledge of the students in the field of Oral Pathology by updating recent advances in the subject.

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

**Strengths:**

1. Attached with an out-patients department
2. Department has sufficient space for future expansion
3. Scheduled and Co-ordinated work pattern for students
4. Equipped with sufficiently talented, dedicated and responsible faculty team
5. Department provides an academically oriented environment which has a **major** role in the student's progress and their metamorphosis.

**Weakness:**

1. The specialty demands many sophisticated equipment.
2. Dependence on other clinical departments for clinical material.
3. A very absorbing curricular pattern.

**Opportunity:**

1. Inflow of patients into the institution is encouraging and is expected to increase considerably due to rapid development around the area.
2. The specialty has a lot of scope for research activities.
3. In molding and developing young talent and infuse into the health system.
4. The responsibility of teaching the pathological basis of oral disease and their clinical correlation.

**Challenges:**

1. Increased peer competition.
2. To keep pace with the ever growing / changing science and technology.
3. Sophistication of the laboratory to aid the diagnostic needs.
4. Transforming the student's mindset from school to professional.
5. To sustain the good university examination results.

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

1. Transform to a Post-Graduate Institution
2. To start a research laboratory
3. To do more research projects

**ANNEXURE: 1****RESEARCH PROJECTS OF THE DEPARTMENT OF ORAL  
and MAXILLOFACIAL PATHOLOGY**

<b>Status</b>	<b>Title of the research project</b>	<b>Time period (from yr-to yr)</b>
Completed	1. Incidence of Oral Hard Tissue and Soft tissue Developmental Anomalies.	2007-2009
	2. Evaluation of Stress among Dental students	2010-2011
On Going	3. Tobacco and alcohol consumption Habit among software professionals and its influential factors	2014 -2015
	4. Transformation of Oral hygiene among students from High school to Dental Graduation	2013-2018
	5. Evaluation of Lip print and Rugae pattern among Dental students of Chettinad Dental college, Chennai.	2014 - 2015
	6. Study on the prevalence of Sublingual Varices	2014-2015

	in Hypertension, Cardiopulmonary Diseases and Leg Varicosities Patients	
	7. Assessment of Oral Mucosal Integrity Status in patients with Recurrent Aphthous Stomatitis	2014-2015
	8. Correlation of Salivary Hydrazine Glycated Protein with HbA1c Level in Diabetes Mellitus	2014-2015

**ANNEXURE: 2**  
**PUBLICATION OF THE FACULTIES IN THE DEPARTMENT OF**  
**ORAL and MAXILLOFACIAL PATHOLOGY**

**Name of the faculty and designation: Dr.R. Sathish MuthuKumar, Professor**

S.No	Title	Journal Category (Indexed, International, National, State, Institutional, etc)
1.	Calcifying odontogenic cyst - A Case Report	Journal of oral and maxillofacial pathology, 2004: Vol 8, Issue 2; 99-103
2.	Bilateral fusion of mandibular second premolar and supernumerary tooth – A rare case report	Journal of Oral and Maxillofacial Pathology- 2012; Vol 16: Issue 1: 128-130
3.	Dentigerous cyst associated with mandibular first premolar–A rare case report	Indian Journal of Multidisciplinary Dentistry - 2011: Vol 1(5); 296-298..
4.	Tooth fragment embedded in the upper lip after traumatic Dental injury: A case report	SRM University Journal of Dental Science, 2011: Vol-2(3); 269-271.
5.	Chemo preventive role of vitamin E – a review	SRM University Journal of Dental Science, 2011: Vol-2(3); 178-180.

6.	Biomedical waste management.	SRM University Journal of Dental Science, 2011: Vol-2(2); 118-120.
7.	Conservative surgical management of odontogenic keratocyst – a case report	SRM University Journal of Dental Science, 2011: Vol-2(2); 146-151.
8.	Ludwig's Angina: a case report.	Indian Journal of Multidisciplinary Dentistry - 2012: Vol 2(3); 518-521.
9.	Taxonomy of salivary gland	Journal of clinical and diagnostic research 2014 Mar, Vol-8(3), 291-293
10.	A rare case of clear cell variant of Oral squamous cell carcinoma	Journal of Natural Science, Biology and Medicine ( Accepted for Publication)

**Name of the faculty and designation: Dr. Sandhya Arunkumar, Reader**

S.No	Title	Journal Category (Indexed, International, National, State, Institutional, etc)
1.	Periostitis ossificans – radiographic study of 2 cases	International journal of Pediatric Dentistry 2006: vol 16: 59-64.
2.	Prevalence of developmental anomalies of tongue	Journal of Oral and Maxillofacial Pathology , Jan – June 2004: vol 8; Issue 1.
3.	Biomedical waste disposal in Dental clinics	Streamdent April – June 2011: vol 2: Issue 2.

4.	Dentigerous cyst associated with Mandibular First premolar – A rare case report	Indian Journal of Multidisciplinary Dentistry - July-Aug 2011: Vol 1: issue 5.
5.	Bilateral fusion of Supernumerary teeth with mandibular premolars	Journal of Oral and Maxillofacial Pathology- Jan – Apr 2012: Vol 16: Issue 1.
6.	Effects of head and neck radiation in oral tissues- a pathologic perspective	Chettinad Health City times 2009 July – September, Volume 1, Number 3.
7.	Eosinophilic ulcer of tongue – a review	Chettinad Health City times 2009 Oct –Dec, Vol 1, No. 4.
8.	A rare case of clear cell variant of Oral squamous cell carcinoma	Journal of Natural Science, Biology and Medicine ( Accepted for Publication)

**Name of the faculty and designation: Dr. Aesha, Senior lecturer**

S.No	Title	Journal Category (Indexed, International, National, State, Institutional, etc)
1.	Langerhan Cell Disease of The Jaw: A Review	J Adv Med Dent Science 2013; 1(2):xx-xx.
2.	Immunohistochemical Expression of PCNA in Epithelial Linings of Selected Odontogenic Lesions	Journal of Clinical and Diagnostic Research. 2013 Nov, Vol-7(11): 2615-2618
3	Taxonomy of salivary gland	Journal of clinical and diagnostic research 2014 Mar, Vol-8(3),291-293

4.	Veno-vascular malformation of lip – A case report	Annals of dental specialty (Accepted for Publication)
5.	Papillary Cystadenoma of minor salivary gland-Case Report	Chettinad Health city medical journal 2014;3(1):18-21
6.	Proliferative verrucous leukoplakia – A recalcitrant	Journal of Medical Science and Dental Research . Nov 2014
7.	Venous vascular malformation of lip – A case report	Annals of Dental Speciality Vol 2, Issue 3

**Name of the faculty and designation: Dr. K.Sriram, Senior lecturer**

S.No	Title	Journal Category (Indexed, International, National, State, Institutional, etc)
1.	Odontogenic myxoma of the maxilla – a rare case report	Journal of International Oral Health (JIOH), February 2011, Vol 3, Issue 1 Page 59-61
2.	Thyroid carcinoma metastasizing in the mandible – A Case Report	Journal of International Medical Sciences Academy (JIMSA) October – December 2011 Vol 24 Issue 4 Page 189-190.
3.	Angiofibroma masquerading as a cheek swelling- A diagnostic dilemma	Journal of International College of Dentists; India, Sri Lanka and Nepal Section

		2011 Vol 56, No. 1 and 2, Page 56-57.
4.	Odontogenic myxofibroma with abundant calcifications masquerading as a fibro-osseous lesion: A diagnostic dilemma???	Indian Journal of Oral Science May-August 2012 Vol 3 Issue 2 Page 99-102.
5.	Dentigerous cyst with an inherent potential for excessive orthokeratinization – An unusual histopathologic variant with clinical implication	Journal of Cranio-Maxillary Diseases January 2013 vol 2 issue 1 page 49-52.
6.	A case of central giant cell granuloma involving the maxillary sinus clinically masquerading as a malignant neoplasm	Chettinad Health City Medical Journal ,January-March 2013 Vol 2, Issue 1 Page 19-22.
7.	Osteosarcoma of mandible – A case report with an early radiographic manifestation	Imaging science in dentistry (Korean Journal of Oral and MaxilloFacial Radiology) March 2014, Vol 44, No1, Page 85-88.
8.	Practical significance of utilizing fine needle aspiration cytology as an adjunct diagnostic aid in the preoperative presumptive diagnosis of ameloblastoma	Journal of Cytology October 2013 Vol 30, Issue 4 Page 247 -251
9.	A rare case of clear cell variant of Oral squamous cell carcinoma	Journal of Natural Science, Biology and Medicine ( Accepted for Publication)
10.	Veno-vascular malformation of lip – A case report	Annals of dental specialty (Accepted for Publication)
11.	Venous vascular malformation of lip – A case report	Annals of Dental Speciality Vol 2, Issue 3 .



### **ANNEXURE : 3**

#### **CONFERENCES AND SYMPOSIUMS ATTENDED BY FACULTY**

##### **Dr Sathish Muthukumar**

##### **Symposiums attended**

1. Slide interaction programme in Sept. 2003 at Meenakshi Ammal Dental College and Hospital, Chennai.
2. Vesiculo Bullous lesions with oral manifestations – addressed by Dr.Thambiah – at Saveetha Dental College and Hospital, Chennai, in June 2004.
3. Slide Seminar Programme in Oct. 2010 at Sri Ramachandra Dental College and Hospital, Chennai.
4. The concepts and advances session on “Biofilms”, in the IAOMP – XIX NATIONAL and FIRST INTERNATIONAL CONFERENCE, held on December 9 and 10, 2010.
5. The concepts and advances session on “HPV and Oral cancer”, in the IAOMP – XIX NATIONAL and FIRST INTERNATIONAL CONFERENCE, held on December 9 and 10, 2010.
6. The concepts and advances session on “*Pathogenesis of OMFS*”, in IAOMP – XIX NATIONAL and FIRST INTERNATIONAL CONFERENCE, held on December 9 and 10, 2010.
7. “FACIAL SPACES OF HEAD and NECK AND ITS CLINICAL IMPLICATIONS”, held on 16<sup>th</sup> JULY 2011 at CHETTINAD HEALTH CITY.
8. “AN INTERACTIVE DISCUSSION ON MATRIX FORMING BONE LESIONS”, held on 8<sup>th</sup> OCT 2011 at Tamilnadu Govt Dental College and Hospital.
9. NAAC Sponsored National Seminar on “Outreach – A Catalyst towards Improved Educational Outcome”, held on 28<sup>th</sup> and 29<sup>th</sup> September 2012 at Chettinad Academy of Research and Education.
10. Recent Concepts in Odontogenic Tumors Classification at Ragas Dental College, Chennai in July’2014
11. Organized and conducted the MIDAS scientific students conference at Chettinad Health City on October 15<sup>th</sup> and 16<sup>th</sup> 2014.

### **Conferences attended**

1. 5<sup>th</sup> TOMA CONFERENCE held on 21<sup>st</sup> and 22<sup>nd</sup> NOV 09 at CHETTINAD HEALTH CITY, Chennai.
2. 63<sup>RD</sup> INDIAN DENTAL CONFERENCE held on 12<sup>th</sup>, 13<sup>th</sup>, 14<sup>th</sup> FEB 2010 at Chennai.
3. IAOMP – XIX NATIONAL and FIRST INTERNATIONAL CONFERENCE, held on December 9 and 10, 2010, Chennai.
4. 32<sup>ND</sup> ASIA PACIFIC DENTAL CONFERENCE held on 13<sup>th</sup> -15<sup>th</sup> May 2010 at Colombo, Srilanka.
5. IVOCLAR VIVADENT held on 21<sup>st</sup> August 2010 at Chennai.
6. 23<sup>rd</sup> Annual conference of Indian Society of Dental Research at Chettinad Dental College, held on Jan 2011 at Chennai.
7. 20<sup>TH</sup> NATIONAL CONFERENCE OF IAOMP held on 18<sup>th</sup> – 20<sup>th</sup> NOV 2011 at HYDERABAD, AP.
8. XXI NATIONAL CONFERENCE -INDIAN ASSOCIATION OF ORAL and MAXILLOFACIAL PATHOLOGISTS held on 26<sup>th</sup> – 28<sup>th</sup> OCT 2012 at BAMBOLIM, GOA.

### **Scientific Presentation**

1. Oral carcinogenesis, 5<sup>th</sup> TOMA CONFERENCE held on 21<sup>st</sup> and 22<sup>nd</sup> NOV 09 at CHETTINAD HEALTH CITY, Chennai.
2. Oral Cancer. A review on the epidemiology and carcinogenesis. 63<sup>RD</sup> INDIAN DENTAL CONFERENCE held on 12<sup>th</sup>, 13<sup>th</sup>, 14<sup>th</sup> FEB 2010 at Chennai.
3. Morquio's Syndrome – A case report. 32<sup>ND</sup> ASIA PACIFIC DENTAL CONFERENCE held on 13<sup>th</sup> -15<sup>th</sup> May 2010 at Colombo, Srilanka.
4. Morquio's Syndrome – A case report. (Poster presentation) IAOMP – XIX NATIONAL and FIRST INTERNATIONAL CONFERENCE, held on December 9 and 10, 2010, Chennai.

## **Dr Sandhya Arunkumar**

### **Symposiums attended**

1. National Symposium of Molecular Biology in 2003, at Ethiraj College for women.
2. Slide interaction programme in April. 2003 at Saveetha Dental College and Hospital, Chennai.
3. Slide interaction programme in Sept. 2003 at Meenakshi Ammal Dental College and Hospital, Chennai.
4. Vesiculo bullous lesions with oral manifestations – addressed by Dr.Thambiah – at Saveetha Dental College and Hospital, Chennai , in June 2004.
5. Slide interaction programme in Sept. 2004 at Sri Ramachandra Dental College and Hospital, Chennai.
6. Workshop in Histo technology at Madras Medical Mission in Sept. 2004, Chennai.
7. National Symposium of Salivary gland diseases in Jan 2006 at Meenakshi Ammal Dental College and Hospital, Chennai.
8. Workshop on Research Proposal writing in Chettinad Dental College and Research Institute, Chennai in Jan 2009.
9. Slide Seminar Programme in Oct. 2010 at Sri Ramachandra Dental College and Hospital, Chennai.
10. Seminar on The concepts and advances session on “Biofilms” – by Dr.Samaranayake in International Association of Oral and Maxillofacial Pathologists, in Dec. 2010.
11. Seminar on The concepts and advances session on “HPV and Oral cancer “in International Association of Oral and Maxillofacial Pathologists, in Dec. 2010.

### **Conferences attended**

1. Presented and won best paper on “Garres Osteomyelitis – report of 2 cases” in 20<sup>th</sup> Tamilnadu State Dental Conference at Trichy in Nov. 2002.
2. Presented a paper on “Prevalence of Developmental Anomalies of tongue “in 15<sup>th</sup> Annual conference of Indian Society of Dental Research at Coimbatore, in April 2003.

3. Participated in the Third National PG convention “Experimental Pathology” of Indian Association of Oral and Maxillofacial Pathologists at Bangalore, in July 2003
4. Presented a paper on “A review on colored growths of gingiva” in Dentocon 2003 at 21<sup>st</sup> Tamilnadu State Dental Conference at Ooty in Nov. 2003.
5. Presented a paper on “A study on Bite marks “ in second National conference of Indian Association of Forensic Odontology at Sri Ramachandra Medical College and Research Institute Hospital, Chennai, in Dec 2003.
6. Participated in 16<sup>th</sup> Annual conference of Indian Society of Dental Research at RV Dental College, Bangalore, in Feb 2004.
7. Participated in Third National conference of Indian Association of Forensic Odontology at Ragas Dental College, Chennai, in Dec 2004.
8. Presented a paper on “Oral mucosal manifestations of Radiotherapy” in 5<sup>th</sup> TOMA conference in Chettinad Dental College, Chennai, in Nov 2009
9. Presented a paper in “Biomedical waste management in Dental Practice” in 63<sup>rd</sup> Indian Dental Conference in Feb 2010, Chennai.
10. Participated in International Association of Oral and Maxillofacial Pathologists , in Dec. 2010
11. Participated in 23<sup>rd</sup> Annual conference of Indian Society of Dental Research at Chettinad Dental College, Chennai, in Jan 2011.
12. Recent Concepts in Odontogenic Tumors Classification at Ragas Dental College, Chennai in July’2014
13. Thai Oro Path Academic Summit –Emerging concepts in Head and Neck Tumours held on 26<sup>th</sup> June 2014 at Thai Mookambigai dental College, Chennai.
14. Organized and Attended the MIDAS scientific students conference at Chettinad Health City on October 15<sup>th</sup> and 16<sup>th</sup> 2014.

**Dr.Aesha**

**Conferences, Symposium and Continuing Medical Education  
Programmemes Attended:**

1. XVII<sup>th</sup> National Conference of Indian Association of Oral and Maxillofacial Pathology at Kolkata in December 2008.
2. XVIII National Conference of Indian Association of Oral and Maxillofacial Pathology at New Delhi in November 2009.
3. XIX National and I International Conference of IAOMP at Chennai in December 2010.
4. Second Annual Science Symposium on HIV/AIDS at Council of Scientific and Industrial Research Campus, Taramani, Chennai in August 2009;
5. CDE program and slide seminar on Dermatopathology at Saveetha Dental College, Chennai in February 2010.
6. Slide Seminar Program at Sri Ramachandra University ,Chennai in October 2010.
7. National Workshop on Biostatistics and Epidemiology at Dr. M.G.R. Medical University, Chennai in July 2008
8. International Workshop on HIV and CART at Chennai in January 2009.
9. International Workshop on HIV and CART at Chennai in January 2010.
10. Dr.Sarada subramanyam memorial workshop effective research communication at Ragas Dental College, Chennai in December 2008.
11. Indian Association of Bio Medical Scientists at Ragas Dental College, Chennai in December 2008.
12. Second Annual Science Symposium on HIV/AIDS at Council of Scientific and Industrial Research Campus, Taramani, Chennai in August 2009.
13. CDE Program me on Research and Biostatistics at Ragas Dental College, Chennai in November 2010 .
14. X<sup>th</sup> National PG Convention at Coorg in June 2010.

15. IX<sup>th</sup> National PG Convention at Vijayawada in July 2009.
16. Certificate of Completion of National Institutes of Health Web-based training course 'Protecting Human Research Participants' in December 2010.
17. Workshop on Age Assessment in Dentistry at Ramachandra University in April 2014.
18. Thai Oro Path Academic Summit –Emerging concepts in Head and Neck Tumours held on 26<sup>th</sup> June 2014 at Thai Mookambigai dental College, Chennai.
19. Organized and Attended the MIDAS scientific students conference at Chettinad Health City on October 15<sup>th</sup> and 16<sup>th</sup> 2014

**Scientific Presentations:**

1. Scientific poster presentation on “Ameloblastoma arising from dentigerous cyst: A case report” at XVII<sup>th</sup> National Conference of Indian Association of Oral and Maxillofacial Pathology, Kolkata, December 2008.
2. Scientific poster presentation on “Heat Shock Proteins in Oral Diseases” at I International Conference of IAOMP, Chennai, December 2010.
3. Scientific poster presentation on Oral Squamous cell carcinoma :Ragas Dental College Experience at XVIII National Conference of Indian Association of Oral and Maxillofacial Pathology at New Delhi in November 2009.
4. Scientific poster presentation on “Odontogenic tumors: Ragas Dental College Experience” at IX<sup>th</sup> National PG Convention at Vijayawada in July 2009.

**Dr K Sriram**

**Conferences, Symposium and Continuing Medical Education Programmes Attended:**

1. The IX National P.G Convention of Indian Association of Oral and Maxillofacial Pathologists at Vijayawada, India on 26<sup>th</sup>-27<sup>th</sup> July 2009.
2. The preconference course on “Molecular diagnostics and cytogenetic” in XVIII National Conference of Indian Association of Oral and Maxillofacial Pathologists at New Delhi, India on 27<sup>th</sup> – 29<sup>th</sup> November 2009.
3. The XVIII National Conference of Indian Association of Oral and Maxillofacial Pathologists at New Delhi, India on 27<sup>th</sup> – 29<sup>th</sup> November 2009.
4. Continuing medical Education Programme on cytology organized by IAPM Tamilnadu and Pondicherry chapter at PSG Medical College, Coimbatore, India on 09<sup>th</sup> January, 2010.
5. The VII National Conference of Indian Association of Forensic Odontology at Chennai, India on 10<sup>th</sup> and 11<sup>th</sup> April, 2010.
6. The X National PG Convention of Indian Association of Oral and Maxillofacial Pathologists at Coorg Institute of Dental Sciences, Coorg on 16<sup>th</sup>-17<sup>th</sup> July 2010.
7. The National OOO Symposium in association with Indian Academy of Oral Medicine and Radiology organized by VS Dental College and Hospital at Bangalore on 09<sup>th</sup> and 10<sup>th</sup> July 2010.
8. The TAPCON-2010, Annual Conference of Pathology (Tamil Nadu-Pondicherry Chapter) at JIPMER, Puducherry, India on 13<sup>th</sup> and 14<sup>th</sup> August 2010.
9. The National symposium on “ Research methodology , Biomedical ethics and Medical writing ” sponsored by medical council of India and Indian council of medical research at SMVMCH, Puducherry, India on 25<sup>th</sup> September , 2010.
10. The V Annual Plenary session and Symposium on “Stem Cells and Regenerative Medicine” organized by Nichi-In Centre for Regenerative Medicine at Chennai, India on 9<sup>th</sup> October, 2010.
11. Continuing medical Education Programme on Head and Neck Cancer organised by Regional Cancer Centre, JIPMER, Puducherry, India on 14<sup>th</sup> November, 2010.
12. The 28th Tamil Nadu State IDA Conference-“The Pallavas” at Kanchipuram, India on 27<sup>th</sup> and 28<sup>th</sup> November 2010.

13. The First International and XIX National conference of Indian Association of Oral and Maxillofacial Pathologists at Chennai, India on 10<sup>th</sup>-12<sup>th</sup> December 2010.
14. The concepts and advances session on “Biofilms” by Dr. Samaranayake in First International and XIX National Conference of Indian Association of Oral and Maxillofacial Pathologists at Chennai, India on 10<sup>th</sup>-12<sup>th</sup> December 2010.
15. The concepts and advances session on “Pathogenesis of oral submucous fibrosis” by Dr. W.M Tilakaratne in First International Conference in XIX National of Indian Association of Oral and Maxillofacial Pathologists at Chennai, India on 10<sup>th</sup>-12<sup>th</sup> December 2010.
16. The concepts and advances session on HPV and Oral cancer in First International and XIX National and of Indian Association of Oral and Maxillofacial Pathologists at Chennai, India on 10<sup>th</sup>-12<sup>th</sup> December 2010.
17. The staff enhancement programme on “How to publish?” and “Systematic review and meta analyses” organized by IGIDS, Puducherry, India on 25<sup>th</sup> march 2011.
18. The XI National PG Convention of Indian Association of Oral and Maxillofacial Pathologists at Mangalore, India on 9<sup>th</sup> and 10<sup>th</sup> July 2011.
19. The XX National conference of Indian Association of Oral and Maxillofacial Pathologists, at Hyderabad, India on 18<sup>th</sup> -20<sup>th</sup> November 2011.
20. Continuing Dental Education Programmeme on HIV/AIDS- “MICROAIDS-2011” at Sri Manakula Vinayagar Medical College and Hospital, Puducherry on 1<sup>st</sup> December, 2011- World AIDS Day.
21. NAAC sponsored national seminar on “Outreach - A Catalyst towards improved educational outcome” at Chettinad University, chettinad health city, Kelambakkam on 28<sup>th</sup> and 29<sup>th</sup> September 2011.
22. Thai Oro Path Academic Summit –Emerging concepts in Head and Neck Tumours held on 26<sup>th</sup> June 2014 at Thai Mookambigai dental College, Chennai.
23. Completed Polymerase Chain Reaction course, as a molecular biology trainee, in REFSYM Bioscience Pvt. Ltd. in Pondicherry.
24. Attended the MIDAS scientific students conference at Chettinad Health City on October 15<sup>th</sup> and 16<sup>th</sup> 2014

### **Scientific Presentations**

1. Scientific Poster titled “Carcinosarcoma of the Mandible - A Case Report” in XVIII National Conference of Indian Association of Oral



and Maxillofacial Pathologists at New Delhi, India on 27<sup>th</sup> – 29<sup>th</sup> November 2009.

2. Scientific Poster titled “Dental Tissue Stem Cells - A Hidden Treasure” in X National PG Convention of Indian Association of Oral and Maxillofacial Pathologists at Coorg , India on 16<sup>th</sup> and 17<sup>th</sup> July 2010.
3. Scientific poster titled “Fibrous Histiocytic Tumors of Oral Cavity – A Way to Go About” in National OOO Symposium at Bangalore, India on 09<sup>th</sup> and 10<sup>th</sup> July 2010 and was **BEST POSTER** for the same.
4. Scientific poster titled “Expression of retinoic acid receptor  $\beta 2$  in oral squamous cell carcinoma and premalignant lesions” in First International Conference of Indian Association of Oral and Maxillofacial Pathologists at Chennai, India on 10<sup>th</sup>-12<sup>th</sup> December 2010 and was awarded **BEST POSTER** for the same.
5. Scientific paper titled “An Interesting Journey from Aneurysmal Bone Cyst to Ameloblastoma” in XI National PG Convention of Indian Association of Oral and Maxillofacial Pathologists at Mangalore, India on 9<sup>th</sup> and 10<sup>th</sup> July 2011.
6. Scientific paper titled “Oral Cancer Screening – Obligation and Opportunities” in IDA conference at Kanchipuram, India on 27<sup>th</sup> and 28<sup>th</sup> November 2011

#### ANNEXURE-4

##### Students conference presentation, awards and prizes won

S no	Name of the student	Batch	Conference	Topic of presentation	Category	Awards and prizes
1.	Shazia Fathima.JH	2007	Dentistry and beyond, IDA national students convention, 2011	Prions	Paper	Second
2.	Mohit Soni	2007	Fist south India undergraduate Dental convention, moksha, Chennai 2012		Paper	Second
3.	Sai Prabha	2007	Under graduate students convention, Saveetha Dental college,2010	Herpes Zoster- a case report and review	Paper	First
4.	Sudha. S	2008	First international conference of Indian association of oral and maxillofacial pathologists, Chennai, 2010	How do you perceive oral pathology?	Essay	Best Essay
5.	Sudha. S	2008	23 <sup>rd</sup> national conference of ISDR, 2011	“Research on Tooth Fairies: Dental Stem Cells”	Paper	Best Paper Award

6.	Nivetha.S	2009	23 <sup>rd</sup> national conference of ISDR, 2011	Ludwig's angina- a case report	Paper	-
7.	Priyadhars hini.E	2009	Seventh national BDS students seminar on basic science, saveetha Dental college, 2011	Oral manifestations of diabetes mellitus	Poster	-
8.	Priyadhars hini.E	2009	Seventh national BDS students seminar on basic science, saveetha Dental college, 2011	Salivary gland tumors	Paper	
9.	Archana.S	2009	23 <sup>rd</sup> national conference of ISDR, 2011	Dental complications in various occupation	Paper	First
10 .	Sudha priya.a	2009	UG and PG students scientific meet, TamilNadu govt Dental college, Chennai,2014	Dentigerous cyst	Paper	-
11 .	Ramyasri.	2009	Dentistry and beyond, IDA national students convention, 2011	Carcinogenesis	Paper	-
12 .	Ramyasri	2009	Dentistry and beyond, IDA national students convention, 2011	Dentigerous cyst associated with mandibular	Paper	First

				second premolar-case report		
13	Bhavithra	2009	23 <sup>rd</sup> national conference of isdr, 2011	Solving crimes with smile-forensic odontology	Paper	-
14	Ram Nandhini	2009	29 <sup>th</sup> TamilNadu state Dental conference students convention, Tiruchengode, 2011	Bilateral fusion of mandibular second premolar - case report	Paper	-
15	Malavika Saiswetha Prasanth	2009	23 <sup>rd</sup> national conference of ISDR, 2011	Systemic manifestations of oral diseases	Poster	-
16	Nazreen Banu	2009	Dentistry and beyond, IDA national students convention, 2011	Bilateral fusion of mandibular second premolar - case report	Paper	
17	Surya .G Sathishkumar Vinothini. G	2009	23 <sup>rd</sup> national conference of ISDR, 2011	Oral manifestations of vitamin deficiency	Poster	First

18 .	A.S udhapriya Santhoshi. R	2009	Dentistry and beyond, IDA national students convention, 2011	Dentigerous cyst	Poster	Second
19 .	Arjun Raj	2011	Fist South India undergraduate Dental convention, Moksha, Chennai 2012	Tooth carving		First
20 .	Bhagya Mathivana n. A	2011	67 <sup>th</sup> Indian Dental conference, 2014	Oral manifestatio ns of anemia	Paper	-
20 .	Neethi Deborah Devadason	2011	67 <sup>th</sup> Indian Dental conference, 2014	Oral causes of systemic diseases	Paper	
21 .	Nisha ashifa .n Ekta. M Divya Bharathi. S	2011	UG and PG students scientific meet, TamilNadu govt Dental college, Chennai,2014	Tooth an important source of DNA in forensic odontology	Poster	Second
22	Amala Nancy Femil Jilta Jennifer Keerthana Sekar	2010	Fun with oral pathology, 2013.	Intercollegiate student's competition in oral pathology	Cross word competition	First

23 .	Amala nancy  Femil Jilta Jennifer Keerthana sekar	2010	Fun with Oral Pathology, 2013.	Intercollegia te student's competition in oral pathology	Multiple choice questions (mcq) competition	Third
24 .	Amala nancy  Femil Jilta Jennifer Keerthana sekar	2010	Fun with oral pathology, 2013.	Intercollegia te student's competition in oral pathology	Spot diagnosis ( oral pathology slide diagnosis competition)	First
25 .	Amala nancy  Femil Jilta Jennifer Keerthana sekar	2010	Fun with oral pathology, 2013.	Intercollegia te student's competition in oral pathology	Extempore	-
26 .	Abinayach ari  Alamelu Diwakar Mayank	2011	Fun with oral pathology, 2013.	Intercollegia te student's competition in oral pathology	Cross word competition	
27 .	Abinayach ari  Alamelu Diwakar Mayank	2011	Fun with oral pathology, 2013.	Intercollegia te student's competition in oral pathology	Multiple choice questions (mcq) competition	

28	Abinayachari Alamelu Diwakar Mayank	2011	Fun with oral pathology, 2013.	Intercollegiate student's competition in oral pathology	Spot diagnosis (oral pathology slide diagnosis competition)	
29	Abinayachari Alamelu Diwakar Mayank	2011	Fun with oral pathology, 2013.	Intercollegiate student's competition in oral pathology	Extempore	-
30	Aishwarya	2013	MIDAS scientific conference	Carving of tooth		3 <sup>rd</sup> place
31	Keerthanasree KC	2013	MIDAS scientific conference	Paper presentation	Recurrent aphthous stomatitis	2 <sup>nd</sup> place
32	Keerthana Mohan, Sylvia, Anupama, sansiga	2013	MIDAS scientific conference	Poster presentation	Oro facial granulomatosis	1 <sup>st</sup> place
33	Abhilesh babu	2014	MIDAS scientific conference	Paper presentation	Langerhans cells in oral mucosal lesions	-
34	Acchutha Krishnan	2014	MIDAS scientific conference	Paper presentation	Chelitis glandularis	-


35	E Sneha	2012	MIDAS scientific conference	Paper presentation	Comparison of lip and finger prints – a case study	-
36	Megna prakash	2014	MIDAS scientific conference	Paper presentation	Forensic odontology aids in identification	-
37	Buvaneshwari and Elakkiya	2013	MIDAS scientific conference	Poster presentation	Bitemark analysis in forensic dentistry	-
38	Achhutha ubanayasri, Sharmila R, Jayasri M, Karthika V	2014	MIDAS scientific conference	Poster presentation	Amalgam tatoo	-
39	Swathigan and Jaivignesh	2013	MIDAS scientific conference	Poster presentation	Hematologic al disorders of laboratory	-
40	Mayank	2013	<b>MIDAS scientific conference</b>	Paper presentation	Use of toluidine blue in premalignant lesions and conditions	1 <sup>st</sup> place



**ANNEURE-I**  
Eligibility Certificate

*Dental*

*Annexure - 2*  
*10*  
*Amr - 2*

  
FORM - 4

**Subject ESSENTIALITY CERTIFICATE**

Government Letter No. 4464 /MCA2/2006 - , dated, 28.8.2006

Government of Tamil Nadu  
Department of Health and Family Welfare

To

The Trustee,  
Raja Muthiah Chettiar Charitable and Educational Trust,  
Chettinad House,  
Raja Annamalaiapuram,  
Chennai - 600 028.

Sir,

The desired certificate is as follows -

1.	No. of institutions already existing in the State.	16
2.	No. of Seats available or No. of Dental Surgeons being produced annually	1200
3.	No. of Dental Surgeons registered with the State Dental Council	9,076
4.	No. of Dental Surgeons in Government service	249
5.	No. of Government posts vacant and those in rural / difficult areas.	53
6.	No. of Dental Surgeons registered with Employment Exchange	1652

*Principal*  
**CHETTINAD DENTAL COLLEGE & RESEARCH INSTITUTE**  
ST. MICHAEL'S RELIGIOUS MISSION  
KADANCHURAM DIST - 605 007

*MM Mani*  
*MM Mani*  
*4/4/09*

7 Dental Surgeons Population ratio in the State

1:7642

8 How the establishment of the College would resolve the problem of deficiencies of qualified dental personnel in the State and improve the availability of such dental manpower in the State

9 The restrictions imposed by the State Government, if any, on students who are not domiciled in the State from obtaining admissions in the state, be specified. Candidates should be a native of Tamil Nadu

10 Full justification for opening of the proposed College

11 Dental Surgeon-patient ratio proposed to be achieved

12 Copy of the Inspection Report in connection with the inspection carried out by the State Government for grant of permission for setting up a new Dental College is attached.

The Trustee, Raja Muthiah Chettiar Charitable and Educational Trust, Chennai has applied for establishment of a Dental College at Patpur Village, Kancheepuram District. On careful consideration of the proposal, the Government of Tamil Nadu has decided to issue an Essentiality Certificate to the applicant for the establishment of a Dental College with one hundred (100) seats

It is certified that:-

- (a) The applicant owns and manages a three hundred bedded Hospital.
- (b) The applicant owns and manages a Dental Clinic with 25 Chairs.
- (c) It is desirable to establish a Dental College in the public interest.
- (d) 20 In-patients and 150 Out-patients per day are available to begin with.

*VM Mani*

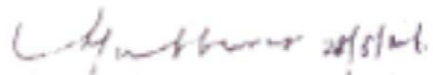
*RSV*

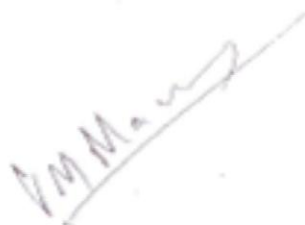
*VM Mani*  
6/4/09

- (e) The credibility and the financial status of the applicant has been verified

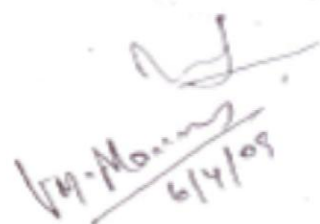
It is further certified that in case the applicant fails to create infrastructure for the Dental College as per Dental Council of India norms and fresh admissions are stopped by the Dental Council of India, the State Government shall take over the responsibility of the students already admitted in the College with the permission of the Central Government

Yours faithfully

  
SECRETARY TO GOVERNMENT

  
M. M. M. M.



  
6/4/09

F.No.V.12017/13/2006-DE  
GOVERNMENT OF INDIA  
Ministry of Health & F.W.  
(D.E. Section)

BY SPEED POST

Annex-1

To: The Trustee,  
Rajah Muthiah Chettiar Charitable & Educational Trust,  
Rani Seethai Hall,  
5<sup>th</sup> Floor, 603 Anna Salai,  
Chennai-600006

New Delhi, the 13 July, 2007.

Nirman Bhawan,

Subject Rajah Muthiah Chettiar Charitable & Educational Trust, Chennai-  
Application for establishment of a new dental college, 'Chettinad  
Dental College & Research Institute', at Padur, Kanchiipuram Dist.,  
Tamil Nadu.

Sir,

I am desired to refer to your letter dated 11.7.2007 accepting the terms and conditions contained in this Ministry's letter of even No. dated 6.7.2007 and furnishing PBG No.6038BG00000607 for Rs.200 lakhs dated 10.7.2007, by ICICI Bank, Chennai and to convey the formal permission of the Central Government to Rajah Muthiah Chettiar Charitable & Educational Trust, u/s. 10A(4) of the Dentists Act, 1948 (16 of 1948) to establish a new dental college 'Chettinad Dental College & Research Institute', at Padur, Kanchiipuram Dist., Tamil Nadu., with an annual admission capacity of 100 students in BDS Course for the academic Session 2007-2008.

2. This permission is valid for only one year and for admitting only one batch of students during the session 2007-2008. The next batch of students should be admitted in the dental college only after the permission is renewed for 2<sup>nd</sup> year BDS Course by the Central Government.

3. Admissions made in contravention of the above stipulations will be treated as irregular and action under Section 10B of the Act will be initiated.

Yours faithfully,

BS

(Raj Singh)

Under Secretary to the Government of India.

1/11/07

1/11/07

CHETTINAD DENTAL COLLEGE &  
RESEARCH INSTITUTE  
IT HIERARCHY - KANCHIIPURAM  
KANCHIIPURAM DIST. 603 102

6/4/09

## ANNEXURE-II

### DCI-Recognition Certificate

(TO BE PUBLISHED IN PART-II SECTION 3 OF THE SUB-SECTION (II) OF THE GAZETTE OF INDIA)

GOVERNMENT OF INDIA  
MINISTRY OF HEALTH AND FAMILY WELFARE

Nirman Bhavan, New Delhi  
Dated the 20 October, 2011

**NOTIFICATION**

S.O. .... In exercise of the powers conferred by sub-section (2) of section 10 of the Dentists Act, 1948 (16 of 1948), the Central Government, after consultation with the Dental Council of India, hereby, makes the following amendments in Part-I of the Schedule to the said Act, namely:-

2. In the existing entries of column 2 & 3 against Serial No.34, in Part-I of the Schedule to the Dentists Act, 1948 (16 of 1948) pertaining to recognition of dental degrees awarded by The Tamil Nadu Dr.MGR Medical University, Chennai, the following entries shall be inserted thereunder:-

\*XVII, Chettinad Dental College & Research Institute, Kelambakkam, Kancheepuram, Tamil Nadu

Bachelor of Dental Surgery  
(if granted on or after 17.08.2011)

BDS, The Tamil Nadu Dr.MGR Medical University, Chennai

F.No.V.12017/13/2008-DE

(Anita Tripathi)  
Under Secretary to the Government of India

To  
The Manager  
Govt. of India Press  
Mayapuri Ring Road  
New Delhi

Copy for information to:

1. The Secretary, Dental Council of India, Kotla Road, New Delhi with a request to obtain the copy of the Gazette Notification from Press and furnish at least two copies to this Ministry also.
2. The Secretary, Health & Family Welfare Department, Government of Tamil Nadu, Fort St. George, Chennai.
3. The Registrar, The Tamil Nadu Dr.MGR Medical University, Post Bag No.1200, No.69, Anna Salai, Guindy, Chennai 600 032.
4. The Principal, Chettinad Dental College & Research Institute, Rajiv Gandhi Satal, Kelambakkam, Chennai-603 103, Tamil Nadu.
5. The Secretaries(Health)/Director(ME) of all States/Union Territories/ Notification Folder/Guard File.

PRINCIPAL  
CHETTINAD DENTAL COLLEGE &  
RESEARCH INSTITUTE  
ITANAM, KELAMBAKKAM  
KANCHEEPURAM DIST. 603 103

(Anita Tripathi)  
Under Secretary to the Government of India



**ANNEXURE-III**  
**Certificate of Affiliation**

Agency-3

**NADU Dr. M.G.R. MEDICAL UNIVERSITY, CHENNAI**  
CHENNAI - 600 032  
TEL: 2353572

THIRU. K. SHARUL HAMEED, B.Sc., B.L.  
REGISTRAR

PHONE: 22353572

LT.No/Affln.I(2)/29322/2006

Dated: 27.9.2006

To

The Trustee  
✓ Rajah Muthiah Chettiar Charitable and Educational Trust  
"Rand Seethai Hall"  
5th Floor, 503 Anna Salai  
Chennai - 600 002

Sir,

Sub: Dental Education - Starting of New Dental College  
by the name Chettinad Dental College & Research  
Institute, Padur, Kancheepuram Dist., by the Raja  
Muthiah Chettiar Charitable and Educational  
Trust, Chennai - Issue of Letter of Consent  
of Affiliation - reg.

Ref : Resolution No.15, passed at the 158th  
meeting of the Governing Council  
held on 26.9.2006

-o-o-

As resolved by the Governing Council, the University is  
issuing the Letter of Consent of Affiliation to Raja  
Muthiah Chettiar Charitable and Educational Trust,  
Chennai-600 006, so as to enable the Trust to apply to the  
Government of India, for their formal permission to start a  
new Dental College viz. Chettinad Dental College & Research  
Institute, Padur, Kancheepuram Dist. with an annual intake  
of 100 (One hundred) seats.

2. It is informed that the Trust should not publish  
the prospectus offering the admission into B.D.S Degree  
course in any form till the Government of India gives their  
permission for starting the said new Dental College, and the  
University grants Provisional Affiliation. Further the issue  
of this Letter of Consent of Affiliation does not confer any  
right on your institution to admit students to the B.D.S  
Degree course, till the approval of the Government of India  
is obtained. As the Letter of Consent of Affiliation is

CHETTINAD DENTAL COLLEGE &  
RESEARCH INSTITUTE  
FT HIGHWAY VELAYUDHAKKAM  
KANCHEEPURAM DIST - 602 102

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6/4/09

21  
THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY, CHENNAI

Post Bag No. 121

CHENNAI 600 032

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FORM-II

CONSENT OF AFFILIATION

On the basis of the report of the Local Inquiry Committee, the Tamilnadu Dr. M.G.R. Medical University, Chennai has agreed, in principle to affiliate the proposed Chettinad Dental College & Research Institute, at Padar Village, Kancheepuram District, Tamil Nadu to be established by the Raja Muthiah Chettiar Charitable and Educational Trust, Chennai 600 006 (for 100 seats (One Hundred only), subject to the grant of permission by the Government of India, Ministry of Health & Family Welfare, New Delhi under Section 10 (A) of the Dentists Act, 1948.

REGISTERED

V.M. Manoj  
6/4/09

PROCEEDING REGISTRAR INCHARGE,  
TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY, CHENNAI - 600 032

PRESENT: Dr.R.G.BUKUHAR, H.D.O.N.B.,

Prog.No.Affin.I(2)/29322/2006

Dated: 24.08.2007.

Sub: DENTAL EDUCATION - Starting of I BDS Degree course at Chettinad Dental College & Research Institute, Padur, Kancheepuram District by Rajah Muthiah Chettiar Charitable & Educational Trust, Chennai from the academic year 2007-2008 - Grant of Provisional Affiliation - Orders - Issued.

- Ref: (1) Resolution No. 15, passed at the 158th meeting of the Governing Council of this University held on 26.09.2006.  
(2) This University's Letter No.Affin.I(2)/29322/2006, dated 27.09.2006.  
(3) Letter No.F.No.V.12017/13/2006-DE, dated 13.07.2007 from the Under Secretary to Government Ministry of Health & Family Welfare, Govt.of India, New Delhi.  
(4) This University's letter of even No. dated 31.07.2007.  
(5) Inspection Report dated 01.08.2007.  
(6) Resolution No.11, passed at the 158th Meeting of the Governing Council held on 23.08.2007.  
(6) Resolution No.11, passed at the 158th Meeting of the Governing Council held on 23.08.2007.  
(7) This University's letter of even No., dated 24.08.07 raising Demand for the payment of University Fee.  
(8) Letter No.NIL dated 24.08.07 from the Trustees, Rajah Muthiah Chettiar Charitable & Educational Trust, Chennai.

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ORDER:

In pursuance to the resolution No. 15, passed at the 158th meeting of the Governing Council, held on 26.09.2006 in this University's letter No.Affin.I(2)/29322/2006, dated 27.09.2006, a Letter of Consent of Affiliation was issued to The Trustees, Rajah Muthiah Chettiar Charitable and Educational Trust, Chennai, for starting a new Dental College viz. Chettinad Dental College & Research Institute, Padur, Kancheepuram District with an annual intake of 100 students only.

2. In Letter No.V/12017/13/2006-DE, dated 13.07.2007, Government of India has given formal Permission of the Central Government under section 10A (4) of the Dentists (Amendment) Act, 1993 to Rajah Muthiah Chettiar Charit. le & Educational Trust, Chennai, for establishment of a new dental college, "Chettinad Dental College & Research Institute at Padur, Kancheepuram District, Tamil Nadu, with an annual admission capacity of 100 students in BDS Course for the academic session, 2007-2008.

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CHETTINAD DENTAL COLLEGE &  
RESEARCH INSTITUTE  
H HIGHWAY KEELAKKRAM  
KANCHIPURAM DIST 633 103



3. An Inspection Team was appointed to conduct inspection of Chettinad Dental College & Research Institute at Padur, Kancheepuram District, Tamil Nadu, for grant of Provisional Affiliation based on the permission accorded by the Government of India in Lr.F.No.V.12017/13/2006-05, dated 13.07.2007.

4. The Inspection Team conducted the inspection at the said proposed Dental College on 31.07.2007 and the report of the University Inspection Team was placed before the 168th meeting of the Governing Council held on 23.08.2007. The Governing Council, in its Resolution No.11 has resolved as follows:-

"Resolved to grant Provisional Affiliation to the Rajah Muthiah Chettiar Charitable and Educational Trust, Chennai for establishment of a new Dental College, namely Chettinad Dental College & Research Institute, Padur, Kancheepuram District, Tamil Nadu with an annual intake of 100 (One Hundred) students in the I B.D.S. Degree Course for the academic year 2007-2008, based on the Govt. of India Permission issued vide letter dated 13.07.2007.

5. In pursuance to the permission granted by the Government of India and as per resolution of the Governing Council meeting held on 23.08.2007, this University is pleased to grant Provisional Affiliation for starting I BDS Degree course at the Chettinad Dental College & Research Institute, Padur, Kancheepuram District, Tamil Nadu, run by the Trustee, Rajah Muthiah Chettiar Charitable & Educational Trust, Chennai, with an annual intake of 100 (One Hundred) seats for the academic year 2007-2008, subject to the conditions stipulated therefor and subject to the following conditions:-

Conditions:-

(i) The Chettinad Dental College & Research Institute, Padur, Kancheepuram District, Tamil Nadu, shall abide by the provisions of the Tamil Nadu Dr.H.G.R. Medical University Act, 1987 (Tamil Nadu Act 37 of 1987) and by Statutes, Ordinances, Regulations and Rules of the Tamil Nadu Dr.H.G.R. Medical University applicable to the Dental Colleges framed from time to time.

(ii) The Dental College shall agree for the inspection of the College by the Tamil Nadu Dr.H.G.R. Medical University at any time according to the Statutes, Ordinance, Regulations and Rules for Medical Colleges framed from time to time.

(iii) The Dental College shall abide by the Statutes, Ordinance, Regulations and Rules framed by the Tamil Nadu Dr.H.G.R. Medical University on matters of Syllabus, examinations, Code of conduct, curricular activities, etc., framed from time to time.

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*VM. Mani*

*BM*

*VM. Mani*  
6/4/08

(iv) The conditions that may be prescribed by Dental Council of India shall be fulfilled. The standard of requirement prescribed by Dental Council of India from time to time for admission to Dental Colleges shall be followed strictly.

(v) Only qualified staff shall be appointed to handle the classes.

(vi) No unqualified staff shall be appointed.

(vii) Only eligible candidates according to the regulations of this University shall be admitted to the I B.O.S. Degree course.

(viii) While making admission, the rule of reservation of the Government of Tamil Nadu shall be adhered strictly.

(ix) The Institution shall obtain the recognition of the Dental Council of India and submit the copy of the same for records.

(x) The admission procedure as enunciated by the Supreme court of India, shall be followed.

(xi) The candidates admitted to I BDS Degree course should take up their examination as per the existing regulations of this University.

(xii) The College shall furnish a budget for each year of study and a separate development budget which will cover the expenses for the fulfillment of the requirements prescribed in the entire course of study.

(xiii) The Staff, student ratio prescribed by the Dental Council of India shall be followed.

(xiv) The college shall abide by any other condition which the University may consider necessary and impose from time to time.

(xv) The sanctioned strength for the BDS Degree course is 100 (One Hundred). The maximum number of students that may be admitted to the course shall not exceed the sanctioned strength.

(xvi) Hostel accommodation shall be made available for the students.

(xvii) Required furniture shall be provided.

(xviii) Furnishing of false information to the University or any matter or suppression of facts while furnishing information to

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*VM. Manoj*

*RM*

*VM. Manoj*  
6/4/09

the University or violation of any of the Statutes, Ordinances, Regulations, Rules, Instructions or conditions of affiliation shall result in withdrawal of the Affiliation of the college.

(xix) The College should furnish all the teaching and other staff details with qualification, experience, date of joining etc.

(xx) The staff pattern with prescribed qualification by the University as well as the Dental Council of India should be followed.

(xxi) The course should be conducted in accordance with the regulation and syllabi approved by this University and Dental Council of India.

(xxii) Facilities should be made available for conducting University Examinations.

The receipt of this proceedings be acknowledged immediately.

Yours faithfully,

*Enjayalasingh*  
for REGISTRAR INCHARGE.

To  
✓ The Trustee,  
Rajah Muthiah Chettiar Charitable & Educational Trust,  
"Rani Seethai Hall",  
5th Floor, 603 Anna Salai,  
Chennai - 600 006.

Copy to:

01. The Secretary to the Govt.  
Govt. of India  
Ministry of Health & Family Welfare  
Nirman Bhavan, New Delhi - 110 011.
02. The Secretary,  
Dental Council of India,  
Kotla Road, New Delhi - 110 002.
03. The Secretary to Govt.,  
Health & Family Welfare Dept.,  
Fort St. George, Chennai - 600 009.

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96752/2007

*VM. Mans*

*RSW*

*VM. Mans*  
6/14/09



**THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI**

69, ANNA SALAI, GUINDY, CHENNAI - 600 032.

Website : [www.inmmu.ac.in](http://www.inmmu.ac.in)

E-mail : [inmmu@yahoo.com](mailto:inmmu@yahoo.com)

☎ : 22353574, 22353575, 22353576, 22353577, 22353578, 22353579

Fax : 91-44-22353596

2/14/09  
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PROCEEDINGS OF THE REGISTRAR I.C.,  
THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI - 600 032.

PRESENT: DR. K.V. LEELA, M.D., D.G.O.,

Proc. No. Affn.IV(3) 12563/2008

Dated:30.09.2008

**Sub:** DENTAL EDUCATION - Conducting of BDS,  
Degree Course at Chettinad Dental College and  
Research Institute, Kelambakkam - Grant of  
Continuance of Provisional Affiliation for B.D.S.  
Degree Course for the academic year 2008-09 -  
Reg.

- Ref:**
1. Proc.No.Affn.IV(2)29322/06, Dated  
24.08.2007.
  2. Government of India's letter No.F.No.V.  
12017/13/2005-DE, dated 08.07.2008.
  3. Resolution No.19, passed at the 179<sup>th</sup> meeting  
of the Governing Council held on 20.08.2008.
  4. This University's letter No.Affn.IV(3)  
12633/08 dated 07.08.2008.
  5. Letter No.CDCRI/PRINCI/077/2008-09  
Dated Nil from the Principal, Chettinad Dental  
College and Research Institute.

\*\*\*\*\*

**ORDER.**

The Tamil Nadu Dr M G R. Medical University grants Continuance of  
Provisional Affiliation to Chettinad Dental College and Research Institute,  
Kelambakkam for B.D.S. Degree Course for the academic year 2008-2009  
as indicated below subject to the usual conditions already intimated.

Name of the Institution College	Name of the Course	Governing Council Resolution	Continuance of Provisional Affiliation granted for	Intake of students
Chelmad Dental College and Research Institute Kelambakkam.	B.D.S. Degree Course	Resolution No.19 Passed at the 179 <sup>th</sup> G.C. on 20.08.2008	2008-2009  <b>Batch:</b> To conduct 1st and 2nd year B.D.S. Degree Course.	100 (One Hundred)

2. The approval is also subject to physical verification of the Rectification Report submitted by you in respect of the deficiencies as per in the reference 4<sup>th</sup> cited.

Physical verification of the deficiencies shall be made at any time by the University.

3. The admission procedure of the Government as per the scheme of admission enunciated by the Supreme Court of India should be followed.

4. The admission procedure is laid down in G.O.Ms.No.87, Health and Family Welfare (MC AD) Department dated 16.03.2007 should be followed.

5. The renewal permission of license from the Government of India should be produced every year.

6. Any other condition which the University considers necessary to impose from time to time should be followed strictly.

7. The receipt of the proceedings be acknowledged

DR.K.V.LEELA  
REGISTRAR i.c.

To  
The Principal,  
Chettinad Dental College and Research Institute  
IT Highway, Rairi Gandhi Sahn,  
Kelambakkam,  
Kanchipuram - 603 101.

Copy to:

- 1) The Secretary to Government of India,  
Ministry of Health & Family Welfare  
Department of Health, Nirmala Bhawan,  
New Delhi - 110 011.
- 2) The Secretary,  
Dental Council of India,  
Kotla Road,  
New Delhi - 110 002.
- 3) The Secretary,  
Selection Committee,  
161, Periyar E.V.R. High Road,  
Kilpauk,  
Chennai - 600 017.
- 4) The Director of Medical Education,  
161, Periyar E.V.R. High Road,  
Kilpauk, Chennai - 600 017.
- 5) The Deputy Controller of Examinations
- 6) Assistant Registrar Exams
- 7) Examination Section (DUS)
- 8) Stock File

TRUE COPY FORWARDED BY ORDER

*P. S. Narayan Reddy*  
ASSISTANT REGISTRAR 10/10/08  
ATTESTATION

*10/10/08*





**THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI.**

69, ANNA SALAI, GUINDY, CHENNAI - 600 032.

Website: [www.tnmv.ac.in](http://www.tnmv.ac.in)

☎ : 22353574, 22353575 - 79, 22301760 - 63, 22353093 - 95

E-mail: [tnmvu@yahoo.com](mailto:tnmvu@yahoo.com)

Fax : 91-44-22353098

PROCEEDINGS OF THE REGISTRAR D.C.,  
THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI - 600 032.

PRESENT: DR. SUDHA SESHAYYAN, M.S.,

Proc. No. Affn.IV (3)/7440/2009

Dated: 21.08.2009

Sub: DENTAL EDUCATION - Conducting of  
BDS., Degree Course at Chettinad Dental  
College and Research Institute,  
Kelambakkam. Grant of Continuance of  
Provisional Affiliation for B.D.S. Degree Course  
for the academic year 2009-10 - Reg.

- Ref: 1. Proc.No.Affn.IV(2)/29322/06, Dated  
24.08.2007.  
2. Government of India's letter No.F.No.V,  
2017/13/2006DE, dated 16.06.2009.  
3. This University's letter No.Affn.IV(3)  
7440/2009/ dated: 19.08.2009.  
4. Letter No.Nil. Dated 19.08.2009 and  
21.08.2009, from the Principal, Chettinad  
Dental College and Research Institute.

\*\*\*\*\*

ORDER

The Tamil Nadu Dr.M.G.R. Medical University grants Continuance of  
Provisional Affiliation to Chettinad Dental College and Research  
Institute, Kelambakkam for B.D.S. Degree Course for the academic year  
2009-2010 as indicated below subject to the usual conditions already  
intimated:

Name of the Institution/ College	Name of the Course	Continuance of Provisional Affiliation granted for	Intake of students
Chettinad Dental College and Research Institute	B.D.S. Degree Course	2009-2010	100 (One Hundred)
Batch: To conduct 1st, II and IIIrd year B.D.S. Degree Course.			

2) The approval is also subject to physical verification of the Rectification Report submitted by you in respect of the deficiencies as per in the reference 3<sup>rd</sup> cited.

Physical verification of the deficiencies shall be made at any time by the University.

3) The admission procedure of the Government as per the scheme of admission enunciated by the Supreme Court of India should be followed.

4) The admission procedure is laid down in G.O.Ms.No.87, Health and Family Welfare (MCAI) Department dated 16.03.2007 should be followed.

5) The renewal permission obtained from the Government of India should be produced every year.

6) Any other condition which the University considers necessary to impose from time to time should be followed strictly.

7) The receipt of the proceedings be acknowledged.

DR.SUDHA SESHAYYAN  
REGISTRAR &c.



To  
The Principal,  
Chettinad Dental College and Research Institute  
IT Highway, Rajiv Gandhi Salai,  
Kelambakkam,  
Kanchipuram - 603 103.

Copy to:

- 1) The Secretary to Government of India,  
Ministry of Health & Family Welfare  
Department of Health, Nirman Bhavan,  
New Delhi - 110 011.
- 2) The Secretary,  
Dental Council of India,  
Kutla Road,  
New Delhi - 110 002.
- 3) The Secretary,  
Selection Committee,  
161, Periyar E.V.R. High Road,  
Kilpauk,  
Chennai - 600 010.
- 4) The Director of Medical Education,  
161, Periyar E.V.R. High Road,  
Kilpauk, Chennai - 600 010.
- 5) The Deputy Controller of Examinations
- 6) Assistant Registrar (Exam)
- 7) Examination Section (BDS)
- 8) Stock File

/TRUE COPY/FORWARDED/BY ORDER/

*V. V. Mohan* 21/08/09  
ASSISTANT REGISTRAR  
AFFILIATION

*21/8/2009*



**THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI.**

69, ANNA SALAI, GUINDY, CHENNAI - 600 032.

Website : [www.tnmgrmu.ac.in](http://www.tnmgrmu.ac.in)  
E-mail : [tnmgrmu@gmail.com](mailto:tnmgrmu@gmail.com)

☎ : 22353574, 22353576 - 79, 22301700 - 63, 22353093 - 9  
Fax : 91-44-22353688

**PROCEEDINGS OF THE REGISTRAR I/C.,  
THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY,  
CHENNAI - 600 032.**

**PRESENT: DR. SUDHA SESHAYYAN, M.S.,**

Proc. No. Affin.IV (3)/21420/2010

Dated:12.10.2010

Sub:	DENTAL EDUCATION - The Tamil Nadu Dr. M.G.R. Medical University, Chennai - Conducting of B.D.S., Degree Course at Chettinad Dental College and Research Institute, Kelambakkam, Kancheepuram District - Grant of Continuance of Provisional Affiliation for B.D.S. Degree Course for the academic year 2010-2011 - Regarding.
Ref: 1	Proc. No. Affin.IV(3)7440/2009, dated: 21.08.2009.
2	Resolution No.22, passed at the 199 <sup>th</sup> meeting of Governing Council held on 03.09.2010.
3	G.O.(D)No.550, Health and Family Welfare (MCAI) Department, dated 31.05.2010.
4	This University's letter No.Affin.IV(3)/21420/2010, dated 31.08.2010 and 21.09.2010.

\*\*\*\*\*

**ORDER:**

The Tamil Nadu Dr. M.G.R. Medical University grants Continuance of Provisional Affiliation to Chettinad Dental College and Research Institute, Kelambakkam, Kancheepuram District for B.D.S. Degree Course for the academic year 2010-2011 as indicated below subject to the usual conditions already intimated in the Provisional Affiliation Orders of this University.

Name of the Institution	Name of the Course	Governing Council Resolution	Continuance of Provisional Affiliation	Intake of Students
Chettinad Dental College and Research Institute, Kelambakkam	B.D.S. Degree Course	Resolution No. 22, passed at the 199 <sup>th</sup> meeting of the Governing Council held on 3.9.2010	2010-2011  Batch: To conduct 4 <sup>th</sup> year B.D.S. Degree Course	100 (One Hundred)

2. The admission procedure of the Government as per the scheme of admission enunciated by the Supreme Court of India should be followed.
3. The admission procedure as laid down in G.O.(D) No.550, Health and Family Welfare (MCA1) Department dated 31.05.2010 should be followed.
4. The renewal permission obtained from the Government of India should be produced every year.
5. Any other condition which the University considers necessary to impose from time to time should be followed strictly.
- 6) The receipt of the proceedings be acknowledged.

Dr. SUDHA SESHAYYAN,  
REGISTRAR I/C.,

To:  
✓ The Principal,  
Chettinad Dental College  
and Research Institute,  
I.T. Highway, Rajiv Gandhi Salai,  
Kelambakkam,  
Kancheepuram District - 603 103.

Copy to:

- 1) The Secretary to Government of India,  
Ministry of Health & Family Welfare  
Department of Health,  
Nirman Bhavan,  
New Delhi - 110 011.
- 2) The Secretary,  
Dental Council of India,  
Kotla Road, New Delhi - 110 002.
- 3) The Secretary,  
Selection Committee,  
161, Periyar EVR High Road,  
Kilpauk, Chennai - 600 010.

- 4) The Director of Medical Education,  
162, Pariyar E.V.R. High Road,  
Kilpauk, Chennai - 600 010.
- 5) The Secretary to Government,  
Health & Family Welfare Dept.,  
Fort. St. George, Chennai - 9.
- 6) The Deputy Controller of Examinations
- 7) The Assistant Registrar (Exam)
- 8) The Systems Analyst - To update this University Website
- 9) The Examination Wing (BES)
- 10) Stock File
- 11) Spare

TRUE COPY / FORWARDED/ BY ORDER

*P. Jayalalitha*  
18.11.10  
ASSISTANT REGISTRAR  
AFFILIATION  
*18/11/10*



**THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI**

69, ANNA SALAI, GUINDY, CHENNAI - 600 032.

Website : www.tnmgrmu.ac.in

E-mail : tnmgrmu@gmail.com

☎ : 22353574, 22353576 - 79, 22301760 - 63, 22353082

Fax : 91-44-22353608

105

**PROCEEDINGS OF THE REGISTRAR [FAC],  
PRESENT: DR. SUDHA SESHAYYAN, M.S.,**

Proc. No. Affin.IV (3)/05259/2011

Dated: 22.08.2011

Sub: Affiliation - The Tamil Nadu Dr. M.G.R. Medical University, Chennai - Chettinad Dental College and Research Institute, Kancheepuram District - B.D.S. Degree Course - Grant of Continuance of Provisional Affiliation - Academic year 2011-2012 - Orders - Regarding.

- Ref: 1. Proc. No. Affin.IV(3)/21420/2010, dated: 12.10.2010.  
2. Resolution No.27, passed at the 203<sup>rd</sup> meeting of Governing Council held on 24.05.2011.  
3. G.O.(D)No.557, Health and Family Welfare (MCA1) Department, dated 07.06.2011.  
4. This Uty's Letter No. R.C.No.Affin.IV(3)/ 05259/2011, Date:10/06/11 & Demand Note No.139/11, dated 10/06/2011.  
5. Lr.No.CDCRI/TNMGRMU/2011/017, dated 21/06/2011 received from the Principal, Chettinad Dental College and Research Institute, Kancheepuram District.  
6. GOI Lr.F.No.V.12017/13/2006-DE, dated 27/06/2011 from Ministry of Health & Family Welfare, New Delhi.  
7. This Uty's Letter No. R.C.No.Affin.IV(3)/ 05259/2011, Date: 22/07/2011.  
8. Lr.No.CDCRI/TNMGRMU/2011/022, dated 29/07/2011 from the Principal, Chettinad Dental College and Research Institute, Kancheepuram District.  
9. Lr.No.CDCRI/TNMGRMU/2011/023, dated 04/08/2011 from the Principal, Chettinad Dental College and Research Institute, Kancheepuram District.

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**ORDER:**

The Tamil Nadu Dr. M.G.R. Medical University grants Continuance of Provisional Affiliation to Chettinad Dental College and Research Institute, Kelambakkam, Kancheepuram District for B.D.S. Degree Course for the academic year 2011-2012 as indicated below subject to the usual conditions already intimated in the Provisional Affiliation Orders of this University.



Name of the Institution	Name of the Course	Governing Council Resolution	Continuance of Provisional Affiliation	Intake of Students
Chettinad Dental College and Research Institute, Kelambakkam, Kancheepuram Dt.	B.D.S. Degree Course	Resolution No. 27, passed at the 203 <sup>rd</sup> meeting of the Governing Council held on 24.05.2011	2011 -2012 Batch: To conduct 5 <sup>th</sup> year B.D.S. Degree Course	100 [One Hundred Seats]

(2) The admission procedure of the Government as per the scheme of admission enunciated by the Supreme Court of India should be followed.

(3) The admission procedure as laid down in G.O.(D) No.557, Health and Family Welfare (MCA1) Department dated 07.06.2011 should be followed.

(3) Any other condition which the University considers necessary to impose from time to time should be followed strictly.

(4) The receipt of the proceedings be acknowledged.

**DR.SUDHA SESHAYYAN**  
**REGISTRAR [FAC]**

To:  
The Principal,  
Chettinad Dental College and Research Institute,  
I.T. Highway, Rajiv Gandhi Salai,  
Kelambakkam,  
Kancheepuram District. - 603 103.

Copy to:

- 1) The Secretary to Government of India,  
Ministry of Health & Family Welfare  
Department of Health,  
Nirman Bhavan,  
New Delhi - 110 011.

/3/

- 2) The Secretary,  
Dental Council of India,  
Kotla Road, New Delhi - 110 002.
- 3) The Secretary,  
Selection Committee,  
161, Periyar EVR High Road,  
Kilpauk, Chennai - 600 010.
- 4) The Director of Medical Education,  
162, Periyar E.V.R.High Road,  
Kilpauk, Chennai - 600 010.
- 5) The Secretary to Government,  
Health & Family Welfare Dept.,  
Fort. St. George, Chennai - 9.
- 6) The Deputy Controller of Examinations (BDS)
- 7) The Deputy Registrar / Assistant Registrar (Exam)
- 8) The Systems Analyst - To update this University Website
- 9) The Examination Wing (BDS)
- 10) Stock File
- 11) Spare

/TRUE COPY/ FORWARDED/BY ORDER/

*G. Jayalalitha*  
22.8.11  
**ASSISTANT REGISTRAR**  
**[AFFILIATION]**

*23/8/11*

*1/6*



**Chettinad**

Dental College & Research Institute

To  
The Registrar,  
The Tamil Nadu Dr. M.G.R Medical University  
No. 69, Anna Salai,  
Guindy, Chennai - 600 032

*Received*  
*by*  
*10/10/12*

05.10.2012

CDCRI/TNMGRMU/2012/026

Respected Madam,

Sub: Affiliation - The Tamil Nadu Dr. M.G.R. Medical University, Chennai - BDS Degree Course -  
Continuance of Provisional Affiliation for the academic Year 2012 - 13 - Submission of compliance  
reports and affiliation fee - Reg



Ref: R.C. No. Affin. IV(3)/08637/2012 Dt: 05.09.2012

I am herewith submitting the rectification done on the deficiencies pointed out by the Affiliation - Sub  
Committee of The Tamil Nadu Dr. M.G.R Medical University in its meeting held on 22.06.2011 &  
09.07.2012 as per the reference letter cited.

S.No	Deficiencies	Rectification
1	To appoint One Reader in the Department of Biochemistry with required qualification as per MCI norms and produce necessary documents in the place of Dr. Murugavel, M.Sc (Medical Biochemistry)	Appointed Dr. Diwakar, A, MBBS, MD as Professor in the Dept. of Biochemistry (Attached necessary documents)

And also attached the affiliation, inspection & university administrative expenses fee challan for  
Rs. 5,65,000/- (Rupees Five Lakhs sixty five thousand only) paid through RTGS for the academic year  
2012 - 13.

1. Affiliation Fee for BDS course (C.P.A)	-	Rs. 3,00,000/-
2. Inspection Fee for 2012 - 13	-	Rs. 40,000/-
3. University Administrative Expenses Fee	-	Rs. 2,25,000/-
		-----
		Rs. 5,65,000/-
		-----


(Rupees Five Lakhs sixty five thousand only)



I hope the deficiencies are rectified and kindly request you to grant continuance of provisional affiliation for the academic year 2012-13.

Thanking you

Yours Sincerely,  
for Chettinad Dental College & Research Institute,

  
Dr. P. Rajesh  
Principal



- End:
1. Dr. A. Diwakar (Joining report, Appointment order, Degree certificates & Registration, Experience Certificate, Address proof, ID Proof, Pan Card)
  2. RTGS Challan of Rs. 5,65,000/-

1800580308

नामांकन सुविधा का लाभ उठाएं Please avail Nomination facility	
इण्डियन ओवरसीज बैंक Indian Overseas Bank	
खाते का प्रकार Type of account	
खाता संख्या Account No: 80192675408	
नाम Name: The Tamil Nadu M.G.R. Medical University	
रुपए (शब्दों में) Rupees (in words) Five lakhs sixty five thousand only	
रु.Rs. 565,000/-	
मोहर Stamp	
रोकड़िया/ लिपिक Cashier/clerk	प्रबन्धिका official
<p>यह अद्य-प्रतिका बैंक के किसी प्राधिकृत पदाधिकारी (नकदी जमा करने के मामले में रोकड़ियों के साथ-साथ) द्वारा हस्ताक्षरित नहीं होने पर विधिवान्वय नहीं होगा। बहरहाल टेलर रु. 15000/- (पंद्रह हजार) तक की राशि के लिए प्राप्ति स्वीकृति देने हेतु एकल रूप से प्राधिकृत हैं।</p> <p>This counterfoil is not valid unless signed by an authorized official of the bank (in addition to the cashier in case of deposit by cash). However tellers are singly authorized to acknowledge receipt of cash up to Rs.15000/- (Fifteen thousand)</p>	

**PROCEEDINGS OF THE REGISTRAR [FAC].,  
PRESENT: DR.K.SIVASANGEETHA, MD.,**

**Proc. No. Affln.IV(3)/08637/2012**

**Dated: 30.10.2012**

Sub: Affiliation – The Tamil Nadu Dr. M.G.R. Medical University, Chennai – Chettinad Dental College & Research Institute, Kancheepuram Dt. – B.D.S. Degree Course – Grant of Continuance of Provisional Affiliation – Academic year 2012 – 2013 – Orders – Regarding.

- Ref: 1. Resolution No.28, passed at the 212<sup>th</sup> meeting of Governing Council held on 27.06.2012.
2. G.O.(D)No.353, Health and Family Welfare (MCA1) Department, dated 02.05.2012.
3. G.O.I. Lr.F.No.V.12017/45/2007-DE, dated 02/07/2012 from Ministry of Health & Family Welfare, New Delhi.
4. This Uty's Letter No. R.C.No.Affln.IV(3)/ 08637/2012, Date:05/09/12 & Demand Note No.1024/12, dated 05/09/12.
5. Lr.No.CDCRI/TNMGRMU/2012/026, Dated 05/10/2012 from the Principal,Chettinad Dental College & Research Institute, Kancheepuram Dt.

\*\*\*\*\*

**ORDER:**

The TamilNadu Dr. M.G.R. Medical University grants Continuance of Provisional Affiliation to Chettinad Dental College & Research Institute, Kancheepuram District for B.D.S. Degree Course for the academic year 2012 - 2013 as indicated below subject to the usual conditions already intimated in the Provisional Affiliation Orders of this University.

Name of the Institution	Name of the Course	Governing Council Resolution	Continuance of Provisional Affiliation	Intake of Students
Chettinad Dental College & Research Institute, Kancheepuram District.	B.D.S. Degree Course	Resolution No.28, passed at the 212 <sup>th</sup> meeting of Governing Council held on 27.06.2012	<b>2012 -2013</b>  <b>Batch:</b> To conduct entire B.D.S Degree Course	100  [Hundred seats only]

(2) The admission procedure of the Government as per the scheme of admission enunciated by the Supreme Court of India should be followed.

(3) **The admission procedure as laid down in G.O.(D)No.353, Health and Family Welfare (MCA1) Department, dated 02.05.2012 should be followed.**

(3) Any other condition which the University considers necessary to impose from time to time should be followed strictly.

(4) The receipt of the proceedings be acknowledged.

**DR.K.SIVASANGEETHA**  
**REGISTRAR [FAC]**

To:  
The Principal,  
Chettinad Dental College & Research Institute,  
IT Highway, Kelambakkam,  
Kancheepuram District – 603 103.

Copy to:

1) The Secretary to Government of India,  
Ministry of Health & Family Welfare  
Department of Health,  
Nirman Bhavan,  
New Delhi – 110 011.

2) The Secretary,  
Dental Council of India,  
Kotla Road, New Delhi – 110 002.

3) The Secretary,  
Selection Committee,  
161, Periyar EVR High Road,  
Kilpauk, Chennai – 600 010.

/3/

- 4) The Director of Medical Education,  
162, Periyar E.V.R.High Road,  
Kilpauk, Chennai – 600 010.
- 5) The Secretary to Government,  
Health & Family Welfare Dept.,  
Fort. St. George, Chennai – 9.
- 6) The Course Incharge - BDS [Exam]
- 7) The Assistant Registrar [Exam]
- 8) The Systems Analyst – To update this University Website
- 9) The Examination Wing [BDS]
- 10) Stock File
- 11 )Spare

**/TRUE COPY/FORWARDED/BY ORDER/**

*J. Jayalalitha*  
11.11.12  
**DEPUTY REGISTRAR  
[AFFILIATION]**

*dis*  
01/11/12

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY  
Post Bag No.1200, No.69, ANNA SALAI, GUINDY, CHENNAI – 600 032.  
Grams: MEDICLAVE, Phone: 22353576-79 Fax:91-44-22353698  
Website: [www.tnmgrmu.ac.in](http://www.tnmgrmu.ac.in)

Dr.JHANSI CHARLES, MD.,  
REGISTRAR

R.C.No.Affln. IV(3)/ 03346/2013

Date:30/09/2013

To  
The Principal,  
Chettinad Dental College & Research Institute,  
Kelambakkam,  
Kancheepuram Dt.-603 103.

Sir,

Sub: Affiliation – The Tamil Nadu Dr. MGR Medical University,  
Chennai – BDS Degree Course – Continuance of Provisional  
Affiliation for a.y.2013 – 2014 – Compliance Reports and  
Affiliation fee Called for – Regarding.

Ref: 1.This Uty's Letter even No. date 06/08/13 & Demand Note  
No.213/13, dated 06/08/2013

3. Your Lr.No.CDCRI/TNMGRMU/2013/023, dated 29/08/2013.

\*\*\*\*\*

In reply to your letter cited, I am to request you to send the Compliance Report for the following deficiencies noticed by the Inspection committee immediately so as to consider the issue of Continuance Provisional Affiliation order for the academic year 2013 – 2014.

To appoint Lectueres in the following depts as per MCI norms.

- a) Anatomy – 2
- b) Pathology – 2
- c) General Medicince – 3
- d) General Surgery – 3

(OR)

Those who are appointed as a Junior Resident / Tutor / Medical Officer (OBG) & Medical officer (Blood Bank) to be redesignated as a Lecturer as per MCI norms and to produce a copy of orders & Joining Report in the cadre of Lecturer.

Yours faithfully,

*J. Jayalekshmi*

1.10.13

for REGISTRAR

*11/10/13*

/ 2011



**Chettinad**  
Dental College & Research Institute

To  
The Registrar,  
The Tamil Nadu Dr. M.G.R. Medical University,  
69, Anna Salai, Guindy,  
Chennai 600 032

**CDCRI/PRIN/TNMMU/2013 /029**

23.10.2013

Madam,

Sub: Chettinad Dental College & Research Institute Continuance of Provisional Affiliation  
for the academic year 2013 -2014 – Submission of compliance report – regarding.

Ref : R.C.No.Affln.IV(3)/03346/2013 Dated 30.09.2013

With reference to the letter dated 30.09.2013, we would like to submit the compliance report as follows  
so as to consider the issue of continuance of provisional affiliation for the academic ;year 2013 -14 to  
Chettinad Dental College and Research Institute

The following faculty members are appointed in the cadre of lecturers as per MCI norms

Deficiencies	Rectification
To appoint lecturers in the following departments	As per MCI norms.
a. Anatomy – 2	1.Mr.Vaithyanathan, Asst. Professor 2.Mr.Manickam, Asst. Professor
b. Pathology - 2	1. Dr.Rajesh Kanna, Asst. Professor 2. Aarthi, Asst. Professor
c. General Medicine – 3	1.Dr.Nagajothi, Asst. Professor 2.Dr.Indirani, Asst. Professor 3.Gorgya Sampath Kumar, Asst. Professor
d. General Surgery - 3	1.Dinesh Kumar, Asst. Professor 2.Dr.Kishore Babu 3.Vinayakhram.K.P.S



GE



Copy of necessary appointment orders / joining report / degree certificates along with affidavit for the above faculty are enclosed for ready reference. Considering the above compliance report, we request to issue the continuance of provisional affiliation order for the academic year 2013 -14. It is also brought to notice that we have already paid the affiliation fee for the academic year 2013 -14.

Kindly do the needful.

for Chettinad Dental College & Research Institute

Principal



PRINTED  
CHETTINAD DENTAL COLLEGE & RESEARCH INSTITUTE  
ITANAGAR, CHENNAI - 600 103  
KIN. NO. 101 600 103





**THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY**

No.69, ANNA SALAI, GUINDY, CHENNAI - 600 032.

Website : www.tnmgrmu.ac.in

E-mail : mail@tnmgrmu.ac.in

☎ : 22353574, 22353576 - 79, 22301760 - 63, 22353094  
Fax : 91-44-22353698

**PROCEEDINGS OF THE REGISTRAR  
PRESENT: DR.JHANSI CHARLES, M.D.,**

**Proc. No. Affln.IV(3)/03346/2013**

**Dated: 26.11.2013**

**Sub:** Affiliation - The Tamil Nadu Dr. M.G.R. Medical University,  
Chennai - Chettinad Dental College & Research Institute,  
Kancheepuram District - B.D.S. Degree Course - Grant of  
Continuance of Provisional Affiliation - Academic year 2013-  
2014 - Orders - Regarding

- Ref:1.** Resolution No.27, passed at the 221<sup>st</sup> meeting of Governing  
Council held on 11.07.2013.
- 2.** Lr.No.CDCRI/TNMGRMU/2013/007, dated 26.02.2013 from  
the Principal, Chettinad Dental College & Research Institute,  
Kanchipuram Dt.
- 3.** Lr.No.CDCRI/TNMGRMU/2013/012, dated 15.03.2013 from  
the Principal, Chettinad Dental College & Research Institute,  
Kanchipuram Dt.
- 4.** This Uty's Letter even No. dated 06.08.2013 & Demand Note  
No.213/13, dated 06.08.2013.
- 5.** Lr.No.CDCRI/TNMGRMU/2013/023, dated 29.08.2013 from  
the Principal, Chettinad Dental College & Research Institute,  
Kanchipuram Dt.
- 6.** This Uty's Letter even No. dated 30.09.2013.
- 7.** Lr.No.CDCRI/TNMGRMU/2013/029, dated 23.10.2013 from  
the Principal, Chettinad Dental College & Research Institute,  
Kanchipuram Dt.
- 8.** This Uty's Letter even No. dated 07.11.2013.
- 9.** Lr.No.CDCRI/TNMGRMU/2013/035, dated 13.11.2013 from  
the Principal, Chettinad Dental College & Research Institute,  
Kanchipuram Dt.

\*\*\*\*

**ORDER:**

The Tamil Nadu Dr. M.G.R. Medical University grants Continuance of  
Provisional Affiliation to Chettinad Dental College & Research Institute,  
Kancheepuram District for conducting B.D.S. Degree Course for the academic  
year 2013 - 2014 as indicated below subject to the usual conditions already  
intimated in the Provisional Affiliation Orders of this University.

Name of the Institution	Name of the Course	Governing Council Resolution	Continuance of Provisional Affiliation	Intake of Students
Chettinad Dental College & Research Institute, Kancheepuram Dt.	B.D.S. Degree Course	Resolution No.27, passed at the 221 <sup>st</sup> meeting of Governing Council held on 11.07.2013	2013 - 2014 Batch: To conduct entire B.D.S. Degree Course	100 [Hundred Seats Only]

(2) The admission procedure of the Government as per the scheme of admission enunciated by the Supreme Court of India should be followed.

(3) The admission procedure as laid down in G.O. of Health and Family Welfare (MCA1) Department should be followed.

(3) Any other condition which the University considers necessary to impose from time to time should be followed strictly.

(4) The receipt of the proceedings be acknowledged.

**DR. JHANSI CHARLES**  
**REGISTRAR**

To:

The Principal,  
Chettinad Dental College & Research Institute,  
IT Highway, Kelambakkam,  
Kancheepuram Dt.- 603 103.

Copy to:-

1) The Secretary to Government of India,  
Ministry of Health & Family Welfare  
Department of Health,  
Nirman Bhavan,  
New Delhi - 110 011.

/3/

- 2) The Secretary,  
Dental Council of India,  
Kotla Road, New Delhi – 110 002.
- 3) The Secretary,  
Selection Committee,  
161, Periyar EVR High Road,  
Kilpauk, Chennai – 600 010.
- 4) The Director of Medical Education,  
162, Periyar E.V.R.High Road,  
Kilpauk, Chennai – 600 010.
- 5) The Secretary to Government,  
Health & Family Welfare Dept.,  
Fort. St. George, Chennai – 9.
- 6) The Course Incharge - Examinations (BDS)
- 7) The Assistant Registrar (Exam)
- 8) The Section officer - Examination Wing (BDS)
- 9) Stock File
- 10) Spare

**/TRUE COPY/FORWARDED/BY ORDER/**

*P. Jayalalini*

2.12.13

**DEPUTY REGISTRAR**

**AFFILIATION**

*1/6*  
02/12/2013

*1/6*

**ANNEXURE -IV**

**LIST OF EQUIPMENTS**

S.no	Department	Name of the equipment	Model No: No / Name, Year of Production / Make, Type – dry / wet
<b>Prosthodontics</b>			
1		Dental Chairs and Units	Kavo - 13 Ms - 3 Confident - 20
2		Semi adjustable articulator	Hanu articulator - 4
3		Extra oral/intra oral tracer	
4		Dewaxing unit	5 Nos, 1) 29.11.08, 2) 11.11., 3) 11.11, 4) 11.08, 5) 11.11
5		Curing unit	
6		Induction casting machine	1 no, Bego
7		Wax burnout furnace	Confident; LE 014
8		Pre heating furnace	Confident; LE 002
9		Surveying unit	19.11.11 nos - 2
10		Heavy duty hand piece	
11		Autoclave	1 - hot air oven 9.11.11 1 - unklave
12		Needle burner with syringe cutter	1 needle burner 9.11.12
13		Plaster Dispenser	1) Unident
14		Model Trimmer with Carborandum Disc	Unident - 6 nos
15		Model Trimmer with Diamond Disc	-

16		Acrylizer	Repeat
17		Lathe	Suguna - 4 nos
18		Flask press	3 nos
19		Deflasking unit	
20		Dewaxing unit	Repeat
21		Hydraulic Press	SIRIO Dental 2) nos
22		Mechanical Press	Repeat
23		Vacuum mixing machine	Confident LE - OCR
24		Lab Micro motor	Marathon - 3 Nos, 1) SN 670256, 2) 693383, 3) 693385
25		Curing pressure pot	
26		Porcelain furnace	2.Nos, Dentsply - 1, Vita - 1
27		Vibrator	
28		Sand blasting unit	2 Nos, confident
29		Ultrasonic cleaner	1 No confident
30		Model Trimmer	Repeat
31		Hot water sterilizer	1
32		Geyser	
33		H.P. grinder without suction	1 no. confident
34		Heavy duty lathe	4 - sugana
35		Phantom heads	Confident - 40 M.S. - 58
<b>Ceramic and cast partial laboratory</b>			
1	Prosthodontics	Plaster Dispensor	Unidents - dry - 3 nos
2		Duplicator	Confident - 1 no
3		Pindex System	Confident - dry - 1

4		Circular saw	Confident - dry
5		Burn out furnace	Confident - dry - 3 nos
6		Sandblasting machine	Confident - 2
7		Electro-polisher	Confident - 1
8		Model Trimmer with Carborandum disc	Unident - 4 Confident - 2
9		Model Trimmer with Diamond disc	Repeat
10		Induction casting machine	BENO - 1
11		Programmable porcelain furnace with vacuum pump with instrument kit and material kit	Dentisply, VITA - 2
12		Spot welder with soldering, attachment of cable	
13		Vacuum mixing machine	Confident - 1
14		Steam Cleaner	Confident - 1
15		Spindle Grinder 24,000 RPM with vacuum suction	Confident with out vacuum suction - 1
16		Wax heater	Wax pot digital - 2
17		Wax carver	PKT Instrument
18		Curing pressure pot	
19		Milling machine	
20		Heavy duty lathe without suction	1 no, confident
21		Preheating furnace	1 no. confident (Repeat)
22		Palatal trimmer	Confident - 1
23		Ultrasonic cleaner	Confident - 1

24		Composite curing unit	
25		Micro surveyor	
26		PRE-CLINICAL PROSTHETICS LABORATORY	
27		Plaster dispenser	Unident - 3
28		Vibrator	Confident - 3
29		Lathe	Suguna s.no: 1871 - 12 nos
30		Model Trimmer	Repeat
31		Carborandum Disc	
32		Diamond disc	
<b>Conservative Dentistry</b>			
1	Conservative Dentistry	Dental Chairs and Units	26 –nos – confident, 12- nos - kavo
2		Rubber dam kits	Hygienic – S.N. 02778
3		Restorative instruments kits	10
4		R.C.T. instrument kits	5 - RCT
5		Autoclaves	3 - Gemini
6		Ultrasonic cleaner	1 – haelin
7		Needle burner with syringe cutter	2, M. No : SIR60VA
8		Amalgamator	4-Dentomet - 1 ) 1451, 2) 02793, 3) 02794
9		Rubber dam kits	
10		Pulp Tester-Digital	2 - denjoy 1) Dye10030421, 2) 2) dye1003028

11		Apex Locator	2 - P111040207 1 Propex 02x30760 1NSK
12		Glass bead sterilizers	4 GDP relni
13		Plaster dispensers	
15		Ceramic Unit	
16		Casting machine	1 IDS Ax – 2L3
17		Intra-oral X-ray Unit	1 - Model -- ray 6m (M)
18		Automatic Developer	
19		Radiovisiography	1 (comdam) unicon meddu
20		Endo motor	2 Dentsply 00760586 SN01773640
21		Bleaching unit	
22		Magnification loops	
23		Injectable gutta percha	
24		PHANTOM LAB UNIT	M.S chair - 58 nos confident - 40 nos
<b>Conservative Dentistry (clinical Laboratory)</b>			
1	Conservative Dentistry	Plaster Dispenser	
2		Model Trimmer	2 unident 145, 142
3		Lathe	2 suguna lathe - 2294,2281
4		Lab Micromotor	
5		Ultrasonic cleaner	
6		Spindle Grinder	1 alloy grinder axjz JT0080311



7		Vibrator	
8		Burnout furnace	
9		Porcelain furnace	
10		Sandblasting Machine	Sandblster S.no: 187
1		Lab Airrotor	
12		Pindex System	
13		Circular saw	
14		Vacuum mixer	
15		Pneumatic chisel	
16		Casting machine	
<b>Oral Pathology and Oral Microbiology</b>			
1	Oral Pathology	Dental Chairs and Units	
2		Microscopes	Olympus CH 2oi – Nos – 2, Olympus Magnus – nos - 50
3		Microtome	Spencer microtome no:1
4		Wax bath (Tissue flotation Bath)	Unitech s.no - 103, Quantity - 1
5		Water bath	I.L.E. co No - 1
6		Knife sharpner	Manual Quantity - 1
7		Hot plate	1. Sun bim – india (s.no 120371) condemned 2. I.L.E. (s.no. 12076)
8		Spencer knife	Micromotor knife - 1
9		Hot air oven	Sun Beam India Quantity - 1

<b>Oral and Maxillofacial Surgery    A)</b> <b>EXODONTIA</b>			
1	Oral Surgery	Dental Chairs and Units	KAVO
2		Au Autoclaves	Enclave, 000270    Gemini
3		Ultrasonic Cleaner	Js - 44007450    Haelim
4		Needle burner with syringe cutter	Arun enterprises Indian Orthocare surgicals
5		Extraction forceps sets	Balaji, Sviag surgical
6		Dental elevators	Balaji Sviag surgical
7		Minor Oral Surgery kits	Balaji Sviag surgical
8		Emergency drugs tray	Alkon
9		Oxygen cylinder with mask	INOXO2, 929F
10		X-ray viewers	IDEAL
<b>Oral and Maxillofacial Surgery    B) MINOR SURGERY</b>			
1	Oral Surgery	Dental Chairs and Units	KAVO
<b>Periodontology</b>			
1	Periodontology	Dental Chairs and Units	40 nos
2		Scaling instrument sets	10
3		Surgical instrument sets	6 set
4		Autoclave	2 nos    VTI30507, 000209
5		Ultrasonic scaler	20
6		Electro surgical cautery	1 (G16699)
7		Needle burner with syringe cutter	2 nos
8		LASER	1 no    SN: 1005583
9		Surgical motor with	1 nos    SN: 13 101294

		physio dispenser	
<b>Orthodontics</b>			
1	Orthodontics	Dental Chairs and Units	18 nos/ Kavo
2	Orthodontics	Unit mount scaler	Dentsply - 1 / Cavitron-13802564 /wet Wood pecker - 4 / S12B0452J , S12B0940J , S1290711J , S1291743J/wet
3		Autoclave	1 no. / Gemini model /Wet
4		Ultrasonic Cleaner	1 no. / Haelim / Wet
5		ORTHO LAB - Plaster dispenser	2 Nos / Unident / Dry
6		Vibrator	2 Nos / Unident / S.no: 247
7		Model Trimmer	2 Nos / Unident / Wet
8		Micromotor -	4 Nos / Marathon/ 0910 - 0911/ Dry
9		Lathe	2 Nos / Suguna / SN: 2299, 2302 / Wet and Dry
10		X-ray viewers	2 - Viewer
11		OPG with cephalostat	
12		Welders	-----same as S no 17-----
13		Blue Torch	4 Nos /
14		Base Formers	5 - set
15		Typodont	2 - Typoclont
16		Set of Pliers	3 sets
17		Welder with soldering attachments	4 Nos/ M.S. Surgical /Dry
18		Hydro solder	1 No -/ Zermak

			20110027/dry
19		Typhodont articulator	5 - Typhodont articulator
20	Orthodontics	Pressure moulding machine	1 no/ Druformat S.No: 20700589/ dry
<b>Paediatric and Preventive Dentistry</b>			
1	Pedodontics	Dental Chairs and Units	30 nos
2		Autoclaves	Uniclave - 20 litres GRN - 334
3		Ultrasonic cleaner	Elshadai (S. N) GRN - No: 4 822202.012
4		Needle Burner with syringe cuuter	Arun Rnterprises GRN No: 26
5		Amalgamator	Dentomat S.No: 02792
6		Pulp Tester-Digital	Denjoy - DY310 - 2 S.No. o4E.1003031
7		Rubber dam kit for pedo	Hygenic - 4
8		Apex locator	Densply S.No. 02683943
9		Endo motor	X - Smart - Densply S.N. 01773641, S.No: 02686718
10		Injectable gutta percha with condensation	
11		Radiovisiography	Centralized
12		Intra Oral Camera	No
13		Scaling instruments	Api Germany , GRN - 3500
14		Restorative instruments	
15		Extraction forceps	Pedo extraction forceps Agson S.S. White co - API Germany
16		Intra-oral X-ray	IOPA S.no:4534617029
17		Automatic Developer	Automatic developer
18		Computer	HCL

19		PEDO LAB - Plaster dispenser	Unident, GRN - 121
20		Model Trimmer	Unident S.N. 147
21		Model Trimer	two
22		Welder with soldering attachments	Elshadi, M. No - 003
23	Pedodontics	Vibrator	S.no: 904039
24		Lab micro motor	Marathon - 2 nos S.No: 937992, M3 Champion
25		Dental Lathe	Suguna Industries S.No - 229112321 - 2
26		Model Trimmer	Unident Industries S.No. 148
27		Steam cleaner	
28		Pressure moulding machine	
29		Carborandum Disc	3
30		Diamond disc	
<b>Oral Medicine and Radiology</b>			
1	Oral Medicine	Dental Chairs and Units	Chiya chair - 12
2		Panoramic X-Ray with Cephalometric	1 nos (S.No – XEC427247) Planmeca
3		Intra Oral X-ray Unit	1no - confident, 1no - Runneys S.no: ray 68 (m), S.no: 260TA7675
4		Pulp testers	2 - Denjoy - DY310, S.NO – DYE111049
5		Automatic periapical X-ray Developer	1 - extra - X S. No – x6/10432
6		Automatic Panoramic with Cephalometric X-ray developer	1 - extra - X S. No – x6/10432

7		X-ray viewer	2 nos viewer
8		Radiovisiography	Vista scan - 1 no
9		General X-ray Unit	1no - confident, 1no - Runneys S.no: ray 68 (m), S.no: 260TA7675
10		Ortho Pantmograph	Planmeca S.no : XEC427247
11		Automatic Developers/Dark Room	
12		Lead aprons	1- Kiron M-No (1061009122)
13		Lead Gloves	1 - set
14	Oral Medicine	X-ray Hangers	X – ray hangers - 2
15		X-ray viewers	2 - nos viewers
16		Diagnostic Kits	40 Diagnostics
17		Lead Screen	2 nos - Kiron
18		Biopsy Kit	2 - set
19		Autoclave	Enclave - 1 Gemini - 1
20		Computers	HCL - 1 nos Model - 7904
21		Intra Oral Camera	Intra orla camera - 1 no
22		Needle Burner with Syringe Cutter	2 - nos needle saras tech
<b>Public heath Dentistry</b>			
1	Public Health Dentistry	Dental Chairs and Units	
2		Autoclaves	Ficoinox - Microclave SL9000, S.No: 13350105
3		Ultrasonic cleaner	Saratech - 3 nos

4		Needle burner with syringe cutter	
5		MOBILE CLINIC	2011
6		Mobile Dental van	Confident Dental chair
7		Dental chair with unit	Gemini autoclave
8		Autoclaves	Hiwdex - 6010
9		Intraoral x-ray	confident
10		Glass bead sterilizers	
<b>Public heath Dentistry</b>			
11	Public Health Dentistry	Compressor	
12		Metal Cabinet	
13		Portable Dental chair	confident
14		Stabilizer	
15		Generator	
16		Water tank	
17		Oxygen cylinder	
18		Public address system	
19		TV and video cassette player	
20		Demonstration models	

### **ANNEXURE-V**

Technical staffs and administrative staff are shared resources of the institution.

<b>S.No</b>	<b>Designation</b>	<b>Non Teaching</b>	
		<b>Technical</b>	<b>Non Technical</b>
1	Administrative Officer		1
2	Secretary to Dean		1
3	Public Relation officer		1
4	Managers/ Office Supdt.		3
5	Receptionist		10
6	Librarian		1
7	Dent.Tech (Dental Mechanic)	4	
8	Dent.Hygst	3	
9	Radiographer	3	
10	Photographer	1	
11	Programmemer	1	
12	Data Entry Operater/LMS		3
13	Physical Director	1	
14	Engineer		1
15	Electricians		4
16	Plumber		2
17	Carpenter		1
18	Mason		1
19	A.C.Tech.		1
20	Helpers Electrical		3
21	Sweepers and Scavangers		10
22	Attenders		15
23	Security Personal		7
24	Driver		3
25	Nurses		20
26	Lab.Technicians	7	
	<b>Total</b>	<b>20</b>	<b>88</b>



### **Declaration by the Head of the Institution**

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.