

AQAR- 2015-16

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Part – A

AQAR for the year (*for example 2013-14*)

2015-16

I. Details of the Institution

1.1 Name of the Institution

Chettinad Dental College & research institute

1.2 Address Line 1

Chettinad Health city,

Address Line 2

Rajiv Gandhi Salai, (IT Highway),
Kelambakkam,

City/Town

Kanchipuram / Chennai

State

Tamilnadu

Pin Code

603103

Institution e-mail address

dentalprincipal@healthcity.com
dentalprincipal@gmail.com

Contact Nos.

044-47411000
Extn: 3350, 3351,3352

Name of the Head of the Institution:

Dr.P.Rajesh

Tel. No. with STD Code:

044-47413350

09094709000, 09841016162

Mobile:

Name of the IQAC Co-ordinator:

Dr.R. Sathish Muthukumar

Mobile:

09840276136

IQAC e-mail address:

chettinadnaac@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNCOGN21398

OR

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC(SC)/06/A&A/035, dated May 1, 2015

1.5 Website address:

www.chettinadhealthcity.com

Web-link of the AQAR:

<http://www.chettinadhealthcity.com/dental/AQAR2015-16.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.16	2015	30.04.2020
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

16.03.2015

1.8 AQAR for the year (for example 2010-11) : 2015 to 2016

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR ____ NA ____ (DD/MM/YYYY)
 ii. AQAR ____ (DD/MM/YYYY)
 iii. AQAR ____ (DD/MM/YYYY)
 iv. AQAR ____ (DD/MM/YYYY)

1.9 Institutional Status

University State ☒ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☒ No ☐

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☒ No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☒ Rural ☐ Tribal ☐
 Financial Status Grant-in-aid ☐ UGC 2(f) ☐ UGC 12B ☐

Grant-in-aid + Self Financing ☐ Totally Self-financing ☒

1.10 Type of Faculty/Programme

Arts ☐ Science ☐ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☒ Management ☐

Others (Specify)

1.11 Name of the Affiliating University (*for the Colleges*)

Tamilnadu.Dr.M.G.R.Medical
University, Chennai

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

-

Autonomy by State/Central Govt. / University

-

University with Potential for Excellence

-

UGC-CPE

-

DST Star Scheme

-

UGC-CE

-

UGC-Special Assistance Programme

-

DST-FIST

-

UGC-Innovative PG programmes

-

Any other (*Specify*)

-

UGC-COP Programmes

-

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders:

No.	<input type="text" value="4"/>	Faculty	<input type="text" value="4"/>
Non-Teaching Staff	<input type="text" value="2"/>	Students	<input type="text" value="2"/>
Alumni	<input type="text" value="1"/>	Others	<input type="text" value="1"/>

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

The IQAC of chettinad Dental College was framed 16.03.2015 as per the guidelines of NAAC. All the activities of IQAC are directed towards the vision and mission of the institution. The primary aim of IQAC is to improve the academic and administrative performance of the institution and to promote the best practices. The IQAC oversees the activities of the various committees and cells that operate under it. The IQAC enhances the quality of the institution with the help of the 15 subcommittees

1. Recommendation to transform into a PG institution was placed.
2. Enrichment of learner centric environment was accomplished by the following modalities. Various student targeted welfare programs were initiated like soft skill and student counselling center has been instituted through dental education unit.
3. Antiragging measures were enhanced by conducting sensitization program from freshers to the senior most batch of the institution. Antiragging programs were conducted in association with statutory body. Weblinks and special contact numbers are provided for registering complaints.
4. Research activities of the institution were enhanced by providing sufficient support to the staff and students of the institution by rendering infrastructure and laboratory facilities by the recommendation of research cell.
5. A drastic enhancement of annual budget for the learning resource materials was allocated and executed on advice of the library committee.
6. Infrastructural enhancement was achieved by Up gradation of laboratory and clinical facilities with the introduction of latest equipments. More infrastructural facilities provided to conduct academic programs of any volume.
7. Feedback response is obtained from all the stakeholders analyzed and rectifications were advised.
8. The IQAC ensures the safety of students, patients, health care professionals and the environment through the institutional biosafety committee. To meet this goal the IBC imposes requirements for safe laboratory and Biological safety practices; reviews and approves policies, procedures, training, programs and facilities pursuant to the safe use of biological agents, other biological materials, and toxins.
9. Periodical extracurricular events like sports, cultural, yoga and zumba classes are organized for the physical and mental well being of the students. In door badminton court in the boys hostel was established through sports and cultural committee.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

S. No	Plan of Action	Time Frame	Achievements
1	To improve patient inflow : The patient outreach and patient co-ordination committee analyses the patient satisfaction through feedback. A holistic approach to the patient's dental and medical problems - inter specialty referrals. Referral from self help groups, Rotary international and referral from the peripheral centers (Pooncheri, Karapakkam and General hospital)	One year	There is a significant improvement in the patient inflow. Data shows 50-60% improvement
2	To enhance research activities: Faculty and students are encouraged to identify the avenues and thrust areas through participation in research oriented seminars and conferences. Tie up made with other institution. Efforts are made to get extra mural funds.	Six Months	Three ICMR STS project completed apart from other departmental projects.
3	To transform to a PG institution: Infrastructural enhancement and Up gradation of laboratory and clinical facilities by procuring latest equipment. Improved learning resources, patient inflow and enhanced hostel accommodation for post graduate.	One Year	Enhancement in the overall infrastructure and prerequisite to transform into a PG institution has been fulfilled
4	Collaboration with NGO and local community	Six months	4 NGO Collaborations have been achieved. The institution is in the process of adopting few local villages.

5	To improve Dental health tourism: to make tie with international companies, software and pharmaceutical companies	Six Months	Improvement achieved in the foot falls of foreign patients .A dedicated department for the same has been developed.
6	Student faculty exchange program	One Year	In the process of collaboration
7	Organisation of conference and seminars	One Year	One international and one state conference has been organized
8	To improve library infrastructure and facilities: enhancement of annual budget for the learning resource materials was allocated and executed on advise of the library committee.	One year	1.The budget allocation for library has been increased. 2.Significant enhancement in the number of books ,journals and e library. 3. OPAC (automated soft ware) which carries the list of books which is linked with the barcode made functional
9	To improve student progression and outcome: Students were encouraged to attend soft skill programs and assisted with counselling programs.	One year	1.Various student targeted welfare programs initiated like soft skill . 2.Student counseling center has been instituted. 3. Three rank holders in NET. 4.There university ranks in final year who backed the gold medal 5. 98.5% percentage results in the final year

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body

Yes ☒

No ☐

Management ☐

Syndicate ☐

Any other body ☒

Provide the details of the action taken

The IQAC of chettinad Dental College was framed 16.03.2015 as per the guidelines of NAAC. All the activities of IQAC are directed towards the vision and mission of the institution. The primary aim of IQAC is to improve the academic and administrative performance of the institution and to promote the best practices. The IQAC oversees the activities of the various committees and cells that operate under it.

1. Recommendation to transform into a PG institution was placed.

2. Enrichment of learner centric environment was accomplished by the following modalities. Various student targeted welfare programs were initiated like soft skill and student counselling center has been instituted through dental education unit.

3. Antiragging measures were enhanced by conducting sensitization program from freshers to the senior most batch of the institution. Antiragging programs were conducted in association with statutory body. Weblinks and special contact numbers are provided for registering complaints.

4. Research activities of the institution were enhanced by providing sufficient support to the staff and students of the institution by rendering infrastructure and laboratory facilities by the recommendation of research cell.

5. A drastic enhancement of annual budget for the learning resource materials was allocated and executed on advice of the library committee.

6. Infrastructural enhancement was achieved by Up gradation of laboratory and clinical facilities with the introduction of latest equipments. More infrastructural facilities provided to conduct academic programs of any volume.

7. Feedback response is obtained from all the stakeholders analyzed and rectifications were advised.

8. The IQAC ensures the safety of students, patients, health care professionals and the environment through the institutional biosafety committee. To meet this goal the IBC imposes requirements for safe laboratory and Biological safety practices; reviews and approves policies, procedures, training, programs and facilities pursuant to the safe use of biological agents, other biological materials, and toxins.

9. Periodical extracurricular events like sports, cultural, yoga and zumba classes are organized for the physical and mental well being of the students. Indoor badminton court in the boys hostel was established through sports and cultural committee.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	NA	NA	NA	NA
PG	NA	NA	NA	NA
UG	1	none	1	31
PG Diploma	NA	NA	NA	NA
Advanced Diploma	NA	NA	NA	NA
Diploma	NA	NA	NA	NA
Certificate	-	-	-	1
Others	-	-	-	18
Total	-	-	-	50

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of

programmes:

Pattern	Number of programmes
Semester	
Trimester	
Annual	√

1.3 Feedback from stakeholders* (On all aspects)

Alumni ☒ Parents ☒ Employers ☐ Students ☒

Mode of feedback : Online ☒ Manual ☒ Co-operating schools (for PEI) ☐

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

None

1.5 Any new Department/Centre introduced during the year. If yes, give details.

None

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
91	21 medical + 30 dental	3 medical + 14 dental	6 medical + 16 dental	1 medical

2.2 No. of permanent faculty with Ph.D.

4

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors			Others	Total	
R	V	R	V	R	V	R	V	R	V
30 dental, medical 21	0 dental & medical	14 D 3M	0D 0M	16D 6M	0D 0M	0D 1M	0D 0M	91	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

46

NA

NA

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	8	3	23
Presented papers	2	1	1
Resource Persons	5	2	11

2.6 Innovative processes adopted by the institution in Teaching and Learning:

All teaching is done through the Learning and Management system (LMS). The power-point slides are available online which can be login from home or hostel and is highly beneficial. Instructions are made easy by using life like models (mannequin, phantom head lab, skills lab). 3D Models are used to demonstrate microscopic features.

Student batches are made into small team of 10 -20 students each for demonstrations, group discussions and mentoring program.

2.7 Total No. of actual teaching days during this academic year

306

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Open Book Examination,
Online Multiple Choice
Questions

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

2

2.10 Average percentage of attendance of students

82%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BDS-Final BDS	78	2	65	-	-	86

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

Feedback is collected at departmental and institutional level 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.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	1
UGC – Faculty Improvement Programme	1
HRD programmes	1
Orientation programmes	Dr. Merlin,
Faculty exchange programme	-
Staff training conducted by the university	60
Staff training conducted by other institutions	6
Summer / Winter schools, Workshops, etc.	1
Others	Child abuse, soft skill

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	47	0	1	0
Technical Staff	71	0	0	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The IQAC conducts guest lecture delivered by eminent researchers in the field of medicine and dentistry to promoting research climate in the institution. Two such programs have been organised in the current year on scope of research in dentistry by Prof. Dr. Murugesan, Director, Allied Health Science, CARE and publication ethics by Prof. Dr. Venkatesan, M.D.S. Co-Editor, Indian Orthodontic Society.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	29	1	Infrastructure	9
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	21	24	Nil
Non-Peer Review Journals	-	-	-
e-Journals	21	22	Nil
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range 0-25 Average 12 h-index 31 Nos. in SCOPUS 16

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Nil	Nil		
Minor Projects	Mar '15 – Jul '16	Institutional	Infrastructure	-
Interdisciplinary Projects	Mar '15 – Jul '16	Institutional	Infrastructure	Infrastructure
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	Mar '15 – Jul '16	Institutional	Infrastructure	Infrastructure
Students research projects (other than compulsory by the University)	2015-16	ICMR	30000	3
Any other(Specify)	-	-	-	-
Total	17 months	2		

3.7 No. of books published i) With ISBN No.

978-81-312-4447-0

Chapters in Edited Books - 1

3.8 No. of University Departments receiving funds from

-

UGC-SAP

NA

CAS

NA

DST-FIST

NA

DPE

NA

DBT Scheme/funds

NA

3.9 For colleges

Autonomy

-

CPE

-

DBT Star Scheme

-

INSPIRE

-

CE

-

Any Other (specify)

1

3.10 Revenue generated through consultancy

-

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	1	-	1	NA	10
Sponsoring agencies	Institution	-	Institution	-	Institution

3.12 No. of faculty served as experts, chairpersons or resource persons

11

3.13 No. of collaborations

International	National	Any other
		2

3.14 No. Of linkages created during this year

1

3.15 Total budget for research for current year in lakhs :

From Funding agency	0.3	From Management of University/College	0.2
Total	0.5		

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	
International	Applied	-
	Granted	
Commercialised	Applied	-
	Granted	

3.17 No. of research awards/ recognition received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
1	1					

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

1
1

3.19 No. of Ph.D. awarded by faculty from the Institution

NA

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	-	SRF	-	Project Fellows	-	Any other	-
-----	---	-----	---	-----------------	---	-----------	---

3.21 No. of students Participated in NSS events:

University level	-	State level	-
National level	-	International level	-

3.22 No. of students participated in NCC events:

University level	-	State level	-
National level	-	International level	-

3.23 No. of Awards won in NSS:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="27"/>
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="5"/>
		Any other	<input type="text" value="-"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

The institution has conducted the following programs

1.National Tooth Brushing day

2. World Health day

3.World anti tobacco day rally & skit

4.World Diabetic day

5.Oral Hygiene day (Awareness program on oral health through live program in Rainbow FM radio on 1st August 2016).

6.World Environment day

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	9.13 acre	-	Institution	9.13 acre
Class rooms	4 Nos	-		4
Laboratories	Student laboratory- Dental materials,preclinical conservative ,prosthetics,oral histology,oral pathology,orthodontic and pedodontics Clinical Laboratory: Oral pathology,Ceramic lab,Acrylic lab,Casting lab	Laboratory: 6 Nos - 4048 sq ft Clinical Space: 11511 sq ft		18
Seminar Halls	-	8 Nos 5420 sq ft		8
Post graduate common room		8 Nos 1672 sq ft		8
Department Library		8 Nos 1668 sq ft		8
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		25		25
Value of the equipment purchased during the year (Rs. in Lakhs)		76.41		76.41
Others(built-in)	197137 sqft			

4.2 Computerization of administration and library

1. The administrative activities like biometric attendance registration of staff members and students are done online. The HRIS system which is an employee management system available online can be accessed by individual employees using their ID and password anywhere, anytime. This helps in submitting leave applications and knows the leave details apart from receiving employee feedback.
2. The PRIMPACK software can be accessed by the employee and finance department through which communications from both ends are possible. All salary details and payslip can be downloaded and all income tax related information can be submitted by the employee.
3. File maintenance storage capacity is improved internal network system (V and W drives). Designated drive for all department has been improved (U drive).
4. The library is equipped with 10 computers with OPAC software which reflects the details of books and journals available in the library. Dental books are bar-coded and issued.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1969	4490328.71	19	59198.38	1988	4549527.09
Reference Books	145	-	-	-	145	
e-Books	-	-----	5631	580000	5631	580000
Journals	41	5137044	45	1223620	86	6360664
e-Journals	27	400000	82	500000	109	900000
Digital Database	1	86600	-	-	1	86600
CD & Video	247	-	-	-	247	-
Others (specify)						

4.4 Technology up gradation (overall)

A.OPAC (automated software) which carries the list of books which is linked with the barcode

B.Security features like firewall and fibre room has been upgraded.

	Total Computers	Internet	Virtual library	Office	Departments	Biometric machine	Others
Existing	29	48mbps	10 computers	4	15	15	Wifi enabled campus
Added	7	0	0	0	7	0	-
Total	36	48mbps	1	4	22	15	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Yes.

1. Orientation to the usage learning management system is conducted to all students at the entry level. Separate orientation sessions are conducted for the newly recruited teaching staff by the learning management system department on the functioning of the system.

2. The HRA department appraises the HRIS system and PRIMPACK software.

3. Orientation and training program for the staff on the e-consortium is conducted.

4. Application for course enrollment and examination application

4.6 Amount spent on maintenance in lakhs : maintenance DEPT \ INFRASTRUCTURE\ BMS

i) ICT

7

ii) Campus Infrastructure and facilities

30

iii) Equipments

89.41

iv) Others

16.63

Total :

143.04

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Orientation program for fresher at the entry level is conducted through all the facilitating department and student welfare committees. Sixteen such programs have been conducted in the current year apart from ten student support and motivation lectures have been conducted through the student's counselling centre. Numerous counselling sessions were conducted for the needy students by clinical psychologist.

5.2 Efforts made by the institution for tracking the progression

A Separate unit (Dental Education Unit) to monitor the teaching learning and outcome of the student is present in the institution. The unit periodically evaluates the students performance in the formative examinations and attendance. The designated course incharges are appointed to monitor the regular and the supplementary batches of the academic year. The course incharges coordinates with the respective departments and analyze the deficiencies pertaining to the statutory norms and helping the rectification of the same. Mentors and group in charges are designated at the beginning of the academic year at the departmental. Special incharges are designated to coach the slow learners at the departmental level.

The unit coordinates with the Parent-Teachers committee to communicate with the parents. The outcome of the university result is analyzed following the results and remedial measures are implemented for the unsuccessful students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
100	-	-	-

Men

No	%
26	26

Women

No	%
74	74

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
66	13	1	20	nil	100	13	14	1	72	nil	100

(b) No. of students outside the state

(c) No. of international students

Demand ratio : - Dropout: - 0%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

All the advertisement regarding post graduate entrance coaching and examination are published on the notice board. Coaching for the competitive examinations are linked with the regular curriculum. Orientation and awareness programs are conducted through external agency. Students are encourage to participate in scholarship examination for admission to reputed coaching institution.

No. of students beneficiaries

27

5.5 No. of students qualified in these examinations

NET	<input type="text" value="7"/>	SET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="2"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="-"/>

5.6 Details of student counseling and career guidance

No. of students benefitted

Students are counseled regarding the scope in the field. Career guidance lectures are organized through guest lectures by eminent personalities in the field of dentistry. Students aspire to start practice and entrepreneurship are guided through the faculty, experts and the alumni.

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
2	16	5	30

5.8 Details of gender sensitization programmes

A special cell named compliance cell for sexual harassment is in function. Web-links and contact call numbers are operational for confidential lodging of complaints.

5.9 Students Activities: Extracurricular events like sport, cultural are organized in the campus and students are encouraged to participate in intercollegiate, university and state level events.

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level
No. of students participated in cultural events

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

56 medals
1 championship

-

-

Cultural: State/ University level

National level

International level

11 medals
1 championship

-

-

5.10 Scholarships and Financial Support:

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	60	34.35 L
Financial support from other sources	1	0.06 L
Number of students who received International/ National recognition	-	-

5.11 Student organized / initiatives:

Fairs	: State/ University level	<input type="text" value="1"/>	National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>
Exhibition:	State/ University level	<input type="text" value="1"/>	National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

5.12 No. of social initiatives undertaken by the students

<input type="text" value="6"/>

5.13 Major grievances of students (if any) redressed: None

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and 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

6.2 Does the Institution has a management Information System

CHETTINAD HRIS : The HRIS system which is a an employee management system available online can be accessed by individual employees using their ID and password anywhere, anytime. All official communications are posted online. Important events in the institution are communicated. It helps in receiving prior information on holidays, complete leave, and financial details of a staff (PRIMPACK – Pay Roll Information Management). Facility for posting queries, polling, feedback and staff appraisal are available.

Apart from the above management Information System any other important communication is done through the internal networking system through the BMS department

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

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 Tamilnadu 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.

6.3.2 Teaching and Learning

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

6.3.3 Examination and Evaluation

All examinations are conducted as per the norms of the Dental Council of India and Tamilnadu Dr. M.G.R. Medical University. The internal examinations are scheduled in a regular periodicity synchronized with the term plan of the respective subject teaching department. The schedule of the internal and model examination is published at the beginning of the academic year. The institution insists on speedy valuation of the answer script and implements remedial measures for the slow learners. Feedback from faculty, students, alumni, and academic peers are received periodically.

The information database of the student performance shall be available with the course in charge for the constant monitoring of the performance and the same is communicated to the parent through the parent teacher committee.

6.3.4 Research and Development

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. The college plays host to various national, regional conferences and guest lectures.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The statutory norms are analyzed periodically and a need based up gradation is done. The specialty department are forwarded to the designated committee like the library committee, learning management system, building management system, instrument and equipment maintenance department, and bio safety committee.

Any purchases are made through the purchase department and delivered through the central stores. At the departmental level the department stores helps in the delivery of materials.

Infrastructural modifications and up gradation are assessed with help of the infrastructure department and implemented.

The entire security of the campus is monitored by the security department and the

6.3.6 Human Resource Management

The staff matrix is in accordance with the norms of the Dental Council of India.

6.3.7 Faculty and Staff recruitment

The recruitment is done through the recruitment committee as per the norms of the Dental Council of India.

6.3.8 Industry Interaction / Collaboration

Tie up with the industry, corporate, pharmaceutical and NGOs are made through the Out reach committee.

6.3.9 Admission of Students

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 counseling and 35% selected by the common entrance examination conducted by the Tamilnadu Private Professional College Association followed by counseling.

6.4 Welfare scheme for

Teaching	Provident fund if applicable, funding for conference presentation
Non teaching	Provident fund, ESI, Labor welfare fund
Students	First graduate scholarship, community scholarship, Group insurance

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done

Yes

☒

No

☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	CARE	YES	IQAC
Administrative	No	-	YES	IQAC

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Affiliated institution

For PG Programmes

NA

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Not applicable

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not applicable

6.11 Activities and support from the Alumni Association

Various programs like campus interview, career guidance, practice setup and management are organizer. Communication of advertisement of competitive examination and placements are informed to the alumni.

6.12 Activities and support from the Parent – Teacher Association

The dental education unit periodically assesses the individual student's performance and commitment towards the curriculum which in turn is updated to the parent teacher's committee. The parent teacher's committee bridges the parent and the subject teaching department by organizing the meeting twice in the academic year for both the regular and supplementary batch. Feedbacks are received from the parent through the PTM and at the department for implementation of the necessary action.

Apart from the regular PTM, the parents of the slow learners are called for special meets to discuss the remedial measures and advise them in order to facilitate the student's progress.

6.13 Development programmes for support staff

Programmes are conducted to sensitize the support staff periodically which is targeted towards the safety measures in the hospital environment. The support staff is trained in the precautions to be taken in epidemics.

6.14 Initiatives taken by the institution to make the campus Eco-friendly

Annexure -ii

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

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 a daily basis to all strata of the population. A total of 231 camps have been conducted by the institution with the total beneficiary of 26,854.

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.

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. Archives of the lectures are available since the inception of the system.

3. The context that required initiation of the practice

The learning management system is an important learning resource that contain collection of lecture content. 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 uploaded before hand which is one of the main requirements that initiated this system.

4. The Practice

Upgradation in the technological functioning of the institution enables the staff to have conducive environment for efficient and effective practice of teaching and learning .

5. Evidence of Success

An LMS allows users to easily design and deploy customized course- ware. 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...l or —no one ever gave it to me...l 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 mbps

One server with basic features

Software-Visual basic run time

Manpower - 4 (for power point preparation)

B. Outreach Program:

1. Title of the Practice :

Chettinad Dental College and Research Institute, Outreach Program

2. Objectives of the Practice:

- ☐ To provide health care service to the under privileged rural population with cutting edge health technology in 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 firsthand 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 a cutting edge dental health technology at affordable cost without having to travel long distances.

Research/Teaching/Academic needs:

- o Chettinad Dental College and Research Institute students are exposed to the rural health set up. They get a glimpse of life of the rural India, 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.
- o 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.
- o 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. Lots of resource and manpower are utilized in the improvisation of the outreach programs.

5. **Evidence of success :**

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.

o **Strategy:** The institute has developed two urban Health Centers (Karapakkam) catering to the needs of the population in these areas.

o Rural Health Center is also maintained at Poonjeri which caters to a population of more than 50,000.

- ☐ 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 mementos and certificates for participants

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

S.NO	Plan of Action	Achievements
1.	To improve patient inflow : The patient out-reach and patient co-ordination committee analyses the patient satisfaction through feedback. A holistic approach to the patient's dental and medical problems - inter specialty referrals. Referral from self help groups, Rotary international and referral from the peripheral centers (Pooncheri, Karapakkam and General hospital)	There is a significant improvement in the patient inflow. Data shows 50-60% improvement
2.	To enhance research activities: Faculty and students are encouraged to identify the avenues and thrust areas through participation in research oriented seminars and conferences. Tie up made with other institution. Efforts are made to get extra mural funds.	3 ICMR STS project completed apart from other departmental projects.
3.	To transform to a PG institution: Infrastructural enhancement and Up gradation of laboratory and clinical facilities by procuring latest equipment. Improved learning resources, patient inflow and enhanced hostel accommodation for post graduate.	Enhancement in the overall infrastructure and prerequisite to transform into a PG institution has been fulfilled
4.	Collaboration with NGO and local community	4 NGO Collaborations have been achieved.The

		institution is in the process of adopting few local villages.
5.	To improve Dental health tourism: to make tie with international companies, software and pharmaceutical companies	Improvement achieved in the foot falls of foreign patients .A dedicated department for the same has been developed.
6.	Student faculty exchange program	In the process of collaboration
7.	Organisation of conference and seminars	One international and one state conference has been organized
8.	To improve library infrastructure and facilities: enhancement of annual budget for the learning resource materials was allocated and executed on advice of the library committee.	<p>1.The budget allocation for library has been increased.</p> <p>2.Significant enhancement in the number of books ,journals and e library.</p> <p>3. OPAC (automated soft ware) which carries the list of books which is linked with the barcode made</p>

		functional
9.	To improve student progression and outcome: Students were encouraged to attend soft skill programs and assisted with counselling programs.	<p>1. Various student targeted welfare programs initiated like soft skill .</p> <p>2. Student counselling center has been instituted.</p> <p>3. Three rank holders in NET.</p> <p>4. There university ranks in final year who backed the gold medal</p> <p>5. 98.5% percentage results in the final year</p>

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

**Annexure ii*

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

**Annexure ii*

7.5 Whether environmental audit was conducted? Yes ☒ No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

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 endodontic.

Students assist in surgical cases.

CHALLENGES:

To update the faculty with the newer scientific advances

To cultivate a stronger research environment

Conducting specialty conferences

8. Plans of institution for next year

1. All the stakeholders shall strive hard in sustaining the vision of the institution.
2. To ensure high quality research activity with aid of extramural funding.
3. To enhance the student's performance with confidence to face the changing trends in dental science.
4. Effective three way communication between student, parent and faculty to achieve best student outcome.
5. To improve patient inflow and acceptance with help of more audio-visual education aid.
6. Upgradation of the learning resource with increased fund allocation.
7. To conduct more value added and training program for both the faculty and student incorporated in the curriculum.
8. Student and faculty exchange program in order to be strengthen the academic efficiency, clinical and technological expertise and promote research culture.
9. To cover more rural population to fulfill the social responsibility through the outreach program.
10. To conduct more program on career guidance enabling student to get placement, compete in the national entrance and eligibility test and other competency test.
11. To strengthens the career guidance and placement cell and alumni committee.

Name: Dr. R. Sathish Muthukumar

Name: Dr. P. Rajesh

Signature of the Coordinator, IQAC
IQAC

Signature of the Chairperson,

Annexure i:

ACADEMIC CALENDAR

<http://182.73.176.174/chc/dci/7/2015-16hb.pdf>

Annexure ii

Environment details

S.No	Title	Description	Updates / Changes / Modifications taken up
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	No Additional VFDs installed Corridors of Hospital Block being fitted with LEDs. Street Lights to be taken up later. Planned to shift 10 out of 24 Nos. Solar Water Heaters that are in Hostels to Hospital Block
2	Use of renewable energy	1. Solar Power Generation– under proposal 2. Bio Energy from Food, Garden and General Waste – under proposal	Proposal to be taken up in the coming financial year Given as a recommendation in the Green Audit Survey conducted in 2014. Not implemented.
3	Water harvesting	Under implementation	12 Water Harvesting Points made as part of Water Audit recommendation.
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	Proposal to be taken up in the coming financial year All SWHs have been disconnected and 2 Nos. Heat Pumps installed to supply Hot Water to Hostels @ 20 KL / Day

5	Efforts for carbon neutrality	<p>1. The entire campus has been designed in an environmental friendly atmosphere wherein 90% of the area is prohibited for motorized vehicle.</p> <p>2. Apart from the above restriction we have also planted more than 50000 plants and about 10000 trees to compliment the carbon neutrality</p>	20% increase in Motoring Area is anticipated due to the upcoming International School on the Western end of our campus.
6	Plantation- Botanical or Medicinal significance	Almost 75% of campus is having green cover with various species of plants and trees	<p>Additional Trees:</p> <ol style="list-style-type: none"> 1. Car Parking Area (1 & 2) – 58 2. Diesel Tank Area – 15 3. New Dormitory Site – 35 4. New Septic Tank Area – 5 5. New Workshop Area – 6 6. Car Parking Entrance – 2 7. International School Area – 55 <p>Total – 176 Trees were planted newly.</p>
7	Bio-hazardous waste management	1.Enrolled our Hospital in Industrial Waste Management Association.	2.Enrolled in Industrial Waste Management Association. Negligible Waste generated.
8	E-waste management	<p>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.</p> <p>3.Biomedical waste compliance is</p>	Used DG oil being sold to recyclers. Other items are very negligible.

		<p>monitored and also complied as per the TNPCB norms.</p> <p>4.Restricted usage of CD's / DVD's</p>	<p>BMW wastes are disposed through a TNPCB authorized agency, M/s. G.J. Multiclave.</p> <p>Very limited use of CD's and DVDs</p>
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.	Present STP treats nearly 900 KL of sewage per day. Treated Water is let for gardening and a part of the treated water is softened and used for A.C Plant's Cooling Tower
10	Recognition /certification for environment friendliness	Yearly renewal of Air and Water consent from Tamil Nadu Pollution Control Board	Applied for renewal of Air and Water Consents. Yet to get consents.
11	Other	<p>1.Green zone campus</p> <p>2.Pedestrian friendly pathways</p> <p>3.Bicycle friendly campus</p> <p>4.Pollution free battery operated vehicles for all</p> <p>5.Recycled water for gardens</p> <p>6.Usage of Solar energy</p> <p>7.Well ventilated (air and light) building structures</p>	Soft Water Plant installed to have the Treated Water from STP to be used for A.C's Cooling Tower.
12	Any other steps taken to improve environment friendliness		Dedicated Power Feeder for Hospital's Electricity arranged. Advantage of this being minimum power cuts and hence had cut short use of DG by 80%.

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
