

Yearly Status Report - 2018-2019

Part A			
Data of the Institution			
1. Name of the Institution	CHETTINAD DENTAL COLLEGE AND RESEARCH INSTITUTE		
Name of the head of the Institution	P.RAJESH		
Designation	Principal		
Does the Institution function from own campus	Yes		
Phone no/Alternate Phone no.	044-47413350		
Mobile no.	9841016162		
Registered Email	dentalprincipal@chettinadhealthcity.com		
Alternate Email	dentalprincipal@gmail.com		
Address	Chettinad Health City, Rajiv Gandhi Salai(IT HIGHWAY), Kelambakkam		
City/Town	Chennai		
State/UT	Tamil Nadu		
Pincode	603103		

2. Institutional Status				
Affiliated / Constituent	Affiliated			
Type of Institution	Co-education			
Location	Rural			
Financial Status	private			
Name of the IQAC co-ordinator/Director	Dr.N.Nachiammai			
Phone no/Alternate Phone no.	04447413350			
Mobile no.	7299897968			
Registered Email	chettinadnaac@gmail.com			
Alternate Email	nachal.1987@gmail.com			
3. Website Address				
Web-link of the AQAR: (Previous Academic Year)	http://chettinaddental.edu.in/chettinaddentalcollege/cdcri/NAAC/AQAR/AQAR2017-18.pdf			
4. Whether Academic Calendar prepared during the year	Yes			
if yes,whether it is uploaded in the institutional website: Weblink:	http://chettinaddental.edu.in/chettinaddentalcollege/cdcri/NAAC/2018-19hb.pdf			
5. Accrediation Details	<u>'</u>			

Cycle	Grade	CGPA	Year of	Vali	dity
			Accrediation	Period From	Period To
1	A	3.16	2015	01-May-2015	30-Apr-2020

6. Date of Establishment of IQAC 16-Mar-2015

7. Internal Quality Assurance System

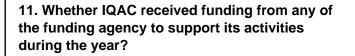
Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC			
Internal Administrative meeting	01-Aug-2018 1	10	
Academic meeting	07-Nov-2018 1	10	
Academic meeting	06-Feb-2019 1	10	
Academic meeting	10		
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

rs Scholarship	ICMR	2019 90	20000
rs scholarship	ICMR	2019 90	20000
rs scholarship	ICMR	2019 90	20000
			S Scholarship ICMR 2019 90

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	<u>View File</u>
10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File



No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Various Outreach programs have been introduced for emphasizing the importance of oral health care IQAC has implemented Students support and counselling committee for the benefit of the students Effective Research projects were assigned for undergraduate BDS students as well as the postgraduate students IQAC has implemented Effective Patient Management system through effective Faculty and student team Regular feedbacks have been obtained from the students for effective teaching process and from the patients to analyse the patient satisfaction IQAC ensures the safety of the students, patients, health care professionals and the environment through the institutional biosafety committee, henceforth various training and programs were conducted for the safe use of biological agents, other biological materials and toxins. Periodic extracurricular events like sports, cultural are organized for the physical and mental well being of the students.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

	1
Plan of Action	Achivements/Outcomes
Alumni committee	Frequent alumni interactions were held among interns, as well as faculty members.
Students support and counselling committee	Various issues of the slow learners were identified and personal counselling was given by specialised trainers for the well being of the students.
Institutional Research commitee	Effective Research projects were assigned for undergraduate BDS students and presently 108 research projects are under progression.
Biosafety	Effective immunisation of Hepatitis-B vaccination for the academic year 2018-19.
Observation of health days and celebration of national days	National toothbrushing day - Nov 7th 2018 World Diabetes day - Nov 14th 2018 World Cancer day - Jan 31st 2019 Children's Oral Health month - February 2019 World Oral health day - March 20th 2019 World Oral health day at Poonjeri - March 20th 2019 World Earth day - April 22nd 2019 No Tobacco day - May 31st 2019 World Environment day - June 5th 2019 International Yoga day - June 21st 2019

Course Orientation for BDS 2018-19 batch as well as MDS 2018-19 Batch Vie 14. Whether AQAR was placed before statutory body?	Orientation for students as well as parents regarding college rules and regulations were emphasized at the academic year beginning w File Yes			
Nome of Statuton, Body	Masting Data			
Name of Statutory Body Chettinad Dental college& Research Institute	Meeting Date 08-Apr-2019			
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?	No			
16. Whether institutional data submitted to AISHE:	Yes			
Year of Submission	2020			
Date of Submission	27-Feb-2020			
17. Does the Institution have Management Information System ?	Yes			
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Biometric attendance is maintained everywhere inside the campus. Students lectures uploaded in Learning Management System(LMS) for further reference by the students and also presented as PPT lectures. Hostel movements are recorded electronically and parents communication regarding in and out done through mail and fax. IPad teaching is the latest advancement implemented wherein the students are given IPads and the lectures, videos, quiz, test etc are conducted in the I pad. Students year fees are paid through online (RTGS/NEFT). Students absenteeism is conveyed to parents through SMS and Email. Mentoring faculty and students are encouraged to communicate through whatsapp groups to save time and energy.			
Part B				

CRITERION I – CURRICULAR ASPECTS

1.1 - Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

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. From 2017 - 18 Syllabus and Curriculum for the B.D.S.Courses have been restructured with the Experts from the concerned specialties to educate students. MDS Syllabus has been followed according to the Dental Council India recommendations as well as in accordance with Tamilnadu Dr.M.G.R. Medical university. The Students passing out of this Prestigious University should acquire adequate knowledge, necessary skills and such attitudes which are required for carrying out all the activities appropriate to general dental practice involving the prevention, diagnosis and treatment of anomalies and diseases of the teeth, mouth, jaws and associated tissues. The students should also understand the concept of community oral health education and be able to participate in the rural health care delivery programmes existing in the country. For the B.D.S Course an Academic calendar and course incharge (for every batch) is planned at the beginning of each year. Orientation of the course at the start of each year is given by the dean. Department Heads develop a term plan and work allocated among the faculty for effective delivery of the curriculum.. Appropriate books are also recommended by the HODs of the respective departments. The institution has LMS for effective delivery of the course. All lecture schedules are uploaded in the LMS system in the beginning of every month. All the power point presentations, videos are uploaded in the LMS system in the respective year and subject folders. The LMS ensures that students can access the contents from anywhere anytime by use of individual passwords. Clinical portion of the curriculum is fulfilled through respective clinical postings. During the postings demonstrations are given for each procedure and cases discussed appropriately. Each student has a respective quota of clinical cases to be performed at each year. And individual clinical evaluation is carried out the end of the postings. Feedback forms are received from the students after each lecture and necessary reforms undertaken after discussion in the respective department. These discussions are held monthly. Formative and summative evaluations are carried out. Three internal assessments based on TNMGRMU guidelines are conducted simulating the university exam pattern.

1.1.2 - Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
	No Da	ata Entered/N	ot Applicable	111	

1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

Programme/Course Programme Specialization		Dates of Introduction		
BDS Laminates and veeners		19/09/2018		
BDS Forensic Odontology		11/03/2019		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BDS	Basic Implantology	22/09/2018
BDS	laminates and veeners	20/11/2018

1.2.3 - Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	408	0

1.3 - Curriculum Enrichment

1.3.1 - Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled		
BIOMEDICAL WATE MANAGEMENT	18/07/2018	43		
SELF MOTIVATION	22/08/2018	46		
ZOOM WEBINAR	13/09/2018	84		
LASER IN DENTISTRY	08/11/2018	71		
CLINICAL SCENARIOS IN MAXILLOFACIAL - SURGICAL PRACTICES	21/02/2019	61		
SOFT SKILLS DEVELOPMENT	08/04/2019	47		
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1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BDS	PUBLIC HEALTH DENTISTRY	64
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1.4 - Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback is collected at departmental and institutional level in which the views on the curriculum, teaching schedules, teaching tools, and student assessment outcomes are discussed for taking improvement measures. Faculty teaching ability and standards are monitored at regular interval by receiving feedbacks from the students which includes randomized daily feedback at the end of the lecture, end of the chapter feedback, feedback on the overall department

at the end of the year. Analysis of the teaching skills is also done by the department observers during lectures. Feedbacks are obtained from specialty peers and examiners appointed by the university on the performance of the students during the examination, their attitude, understanding capacity, subject knowledge and confidence. Feedbacks on the team effort, coordination and rapport among the department staff are received from the students, parents and from specialty peers and examiners appointed by the university. Special attention by the internal analysis among the staff members is conducted and ways to improve quality of teaching are discussed and adopted. Online feedback and appraisal of the faculty are received through the Campus Management System (CMS).

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 - Student Enrolment and Profile

2.1.1 - Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BDS	DENTAL	100	324	100
MDS	Oral Medicine&R adiology,Oral &Maxillofacial surgery,Oral& M axillofacialsur gery,Periodonti cs,Prosthodonti cs,Orthodontics ,Pedodontics & Preventive dent istry,Conservat ive & Endodontics	20	120	20
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	institution	Number of teachers teaching both UG and PG courses
			courses	courses	
2018	100	20	59	16	59

2.3 – Teaching - Learning Process

2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), Elearning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e- Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used	
59	59	5	4	4	3	
	View File of ICT Tools and resources					

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The mentoring system in the college is performed as General mentorship as well as department wise also. Every year an course in charge has been assigned who also does mentorship to the students. Under General mentorship all the faculty members including the head of the institution has been assigned 6-7 students where the general information as well as the personal details from the students are collected. In each department 20 students are allotted for one faculty and their work progression in the department are monitored. Apart from these Slow learners are also identified from each batch and mentorship is done by conducting tests on a daily basis as well as discussions on difficult topics. Mentorship programs are also performed for students who are presenting paper/poster for CDE Program, National as well as for International conferences.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
408	59	1:7

2.4 - Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
59	59	8	8	0

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.R.Sathish MuthuKumar	Professor	Excellence in teaching - IDA
2018	Dr.Saravana Kumar	Professor	Excellence in teaching - IDA
2018	Dr. Eazhil	Professor	Excellence in teaching - IDA
2018	Dr. Kanmani	Assistant Professor	Excellence in teaching - IDA
2018	Dr.Sreeja	Assistant Professor	Excellence in teaching - IDA
2018	Dr. Agila	Assistant Professor	Excellence in teaching - IDA
2018	Dr. Deepak	Assistant Professor	Excellence in teaching - IDA
2018	Dr.Padmasree	Lecturer	Excellence in teaching - IDA
2018	Dr.Aishwarya	Lecturer	Excellence in teaching - IDA
2018	Dr. Anupama	Professor	Excellence in teaching - IDA
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2.5 - Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/year-end examination
BDS	267	IV YEAR	31/08/2019	13/09/2019
BDS	267	III YEAR	10/08/2019	16/09/2019
BDS	267	II YEAR	14/09/2019	26/09/2019
BDS	267	I YEAR	31/08/2019	30/09/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Other than the university examination 3 internal assessment exams are conducted at every quarterly to continuously evaluate the students. Students failing to clear or score basic eligibility marks are considered as slow learners. Mentors are provided for these slow learners wherein the duty of mentors is to continuously monitor and provide support for the slow learners by helping them overcome their difficulties. Psychological counselling is also provided for those who have failed in University exams to help them regain confidence and cope with the academic stress and lifestyle. University examination for the BDS course is conducted in August and February of every academic year. Students who fail to clear the regular university examination in august would reappear in February. Students with grievances regarding their marks can apply to the University for retotaling. Re-evaluation of answer sheets is not encouraged in our university. But students can apply and receive their answer scripts to check for totaling mistakes if any. And they can also discuss with their mentors regarding their presentation and further ways to improve in the next exam.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

At the beginning of the academic year, academic calendar will be prepared and uploaded in the institutional website. The undergraduate and postgraduate course syllabus are followed as per the Tamil Nadu Dr.M.G.R university guidelines. The schedule of the syllabus is prepared at the beginning of the year for effective and smooth functioning of the curriculum. Internal examinations for theory and practicals are conducted as per the schedule. Separate slow learning students mentoring system that consist of separate schedule and personal counselling also in-corporated. The postgraduate students attend their basic science postings with regular tests incorporated in order to attend the year end university examination. Specialty clinical posting schedule are prepared and followed by the students. The selection and submission of the dissertation topic of the postgraduate students will be submitted for ethical clearance by the end of six months from the joining date.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

2.6.2 - Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the	Number of students passed in final year	Pass Percentage
				,	

			final year examination	examination		
267	BDS	Dentistry	63	62	98	
<u>View File</u>						

2.7 - Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://chettinaddental.edu.in/chettinaddentalcollege/cdcri/NAAC/studentfeedback-2018-2019.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	90	Willingdon Charitable trust	300000	75000
Students Research Projects (Other than compulsory by the University)	90	ICMR	60000	60000

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3.2 - Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
SEMINAR ON HIV AWARENESS BY GLAD BIOKARE SYSTEMS INDUSTRY ACADEMIA COLLABORATION	PUBLIC HEALTH DENTISTRY	30/11/2018
WORKSHOP ON SYSTEMATIC REVIEW AND META ANALYSIS	PUBLIC HEALTH DENTISTRY	20/09/2018
SEMINAR ON RESEARCH GRANT WRITING	PUBLIC HEALTH DENTISTRY	11/12/2018
SEMINAR ON BRACKET MANUFACTURING BY BPO TRAC INDUSTRY ACADEMIACOLLABORATION	PUBLIC HEALTH DENTISTRY	01/04/2019
SEMINAR ON X RAY FILMS BY MEDI GLOBE SYSTEMS INDUSTRY ACADEMIA COLLABORATION	PUBLIC HEALTH DENTISTRY	21/05/2019

WORKSHOP ON SYSTEMATIC REVIEW AND META ANALYSIS	PUBLIC HEALTH DENTISTRY	06/09/2018
SEMINAR ON INTELLECTUAL PROPERTY RIGHTS, PROMOTION AND PROTECTION IN DENTISTRY	PUBLIC HEALTH DENTISTRY	12/06/2019
WORKSHOP ON MICROSOFT EXCEL / CITATION SOFTWARE	PUBLIC HEALTH DENTISTRY	21/06/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category			
Customised self ligating brackets for Individual patients	Dr.SaravanaKuma r	Chettinad Dental college	15/03/2019	Research Innovation			
Precise soldering for space maintainers using hydrosolder	Dr.Senthil Egappan	Chettinad Dental college	15/03/2019	Research Innovation			
Painless injection system for children using Nitrous oxide sedation	Dr.Divya	Chettinad Dental college	15/03/2019	Research Innovation			
Evaluation of efficacy of foldscope - A paper microscope to be used as a chairside diagnostic tool in oral dysplastic lesion	Dr.HariniPriya	Chettinad Dental college	15/03/2019	Research Innovation			
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start- up	Date of Commencement	
0	0	0	0	0	01/06/2019	
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
75000	6000	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded		
0	0		

3.3.3 - Research Publications in the Journals notified on UGC website during the year

Туре	Department	Number of Publication	Average Impact Factor (if any)		
National	ORAL SURGERY	1	1.51		
National	ORAL PATHOLOGY	1	0.9		
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication	
Oral pathology	1	
No file	uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Treatment Planning and prognostic evaluation of endoperio lesions	Sadasiva K	University journal of surgery and surgical s pecialties . TN Dr MGR Medical un iversity, Chennai.	2018	0	Chettinad Dental College Research Institute	0
Analyzing the Reasons for Patients Opting-out from Root Canal Treatment and Preferring Extraction in South Indian Pop ulation—Pr ospective Study.	Sadasiva K	Internatio nal Journal of Prosthodon tics and R estorative dentistry	2018	0	Chettinad Dental College Research Institute	0
Effect of 2 chlorhex	Sadasiva K	Journal of Pharmacy	2019	0	Chettinad Dental	0

idine on resin bond strength and mode of failure using two different adhesives on dentin: An in vitro study.		Bioallied Sciences			College Research Institute	
Evaluation of the efficacy of visual, tactile method, caries detector dye, and laser fluo rescence in removal of dental caries and confirmati on by culture and polymerase chain reaction: An in vivo study.	Sadasiva K	Journal of Pharmacy Bioallied Sciences	2019	0	Chettinad Dental College Research Institute	0
The evaluation of dentin microhardn ess after use of 17 EDTA, 17 EGTA, 10 citric acid, MTAD used as chelating agents combined with 2.5 sodium hyp ochlorite after rotary ins trumentati on: An in vitro SEM	Sadasiva K	Journal of Pharmacy Bioallied Sciences.	2019	0	Chettinad Dental College Research Institute	0

study.						
Effect of 2 chlorhex idine on resin bond strength and mode of failure using two different adhesives on dentin: An in vitro study. Journal of Pharmacy Bioallied Sciences.	Dr. K. Senthil Kumar	Journal of Pharmacy Bioallied Sciences	2019	0	Chettinad Dental College Research Institute	0
Evaluation of the efficacy of visual, tactile method, caries detector dye, and laser fluo rescence in removal of dental caries and confirmati on by culture and polymerase chain reaction: An in vivo study. Journal of Pharmacy Bioallied Sciences.	Dr. K. Senthil Kumar	Journal of Pharmacy Bioallied Sciences	2019	0	Chettinad Dental College Research Institute	0

3.3.6 - h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
The evaluation of dentin	Dr.Manu Un nikrishnan	Journal of Pharmacy Bioallied	2019	1	1	Chettinad Dental College

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evaluation of dentin	Sadasiva K	Pharmacy	2019	2	2	Dental College
evaluation of dentin	Sadasiva K	Pharmacy Bioallied	2019	2	2	Dental College Research I
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evaluation of dentin microhardn ess after use of 17 EDTA, 17 EGTA, 10 citric acid, MTAD used as	Sadasiva K	Pharmacy Bioallied	2019	2	2	Dental College Research I nstituteCh ettinad Dental College Research
evaluation of dentin microhardn ess after use of 17 EDTA, 17 EGTA, 10 citric acid, MTAD used as chelating agents combined	Sadasiva K	Pharmacy Bioallied	2019	2	2	Dental College Research I nstituteCh ettinad Dental College Research
evaluation of dentin microhardn ess after use of 17 EDTA, 17 EGTA, 10 citric acid, MTAD used as chelating agents combined with 2.5	Sadasiva K	Pharmacy Bioallied	2019	2	2	Dental College Research I nstituteCh ettinad Dental College Research
evaluation of dentin microhardn ess after use of 17 EDTA, 17 EGTA, 10 citric acid, MTAD used as chelating agents combined with 2.5 sodium hyp	Sadasiva K	Pharmacy Bioallied	2019	2	2	Dental College Research I nstituteCh ettinad Dental College Research
evaluation of dentin microhardn ess after use of 17 EDTA, 17 EGTA, 10 citric acid, MTAD used as chelating agents combined with 2.5	Sadasiva K	Pharmacy Bioallied	2019	2	2	Dental College Research I nstituteCh ettinad Dental College Research

rotary ins trumentati on: An in vitro SEM study.						
Evaluation of the efficacy of visual, tactile method, caries detector dye, and laser fluo rescence in removal of dental caries and confirmati on by culture and polymerase chain reaction: An in vivo study.	Sadasiva K	Journal of Pharmacy Bioallied Sciences	2019	2	2	Chettinad Dental College Research Institute
Effect of 2 chlorhex idine on resin bond strength and mode of failure using two different adhesives on dentin: An in vitro study.	Sadasiva K	Journal of Pharmacy Bioallied Sciences	2019	2	2	Chettinad Dental College Research Institute

$3.3.7-{\it Faculty participation in Seminars/Conferences and Symposia during the year:}\\$

Number of Faculty	International	National	State	Local			
Presented papers	1	5	0	0			
Resource persons	0	59	0	0			
Attended/Semina rs/Workshops	0	39	72	69			
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3.4 - Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation Awareness Program And Dental Screening Camp	Urban rise Constructions	1	3
Aids Awareness Program And Dental Screening Camp	Chettinad Dental College Research Institute	1	3
Plantation Awareness Program And Dental Screening Camp	Urbanrise Constructions	1	2
Awareness Program On Marathon And Dental Screening Camp	New Hope Trust	1	5
Awareness Program On Clean Environment And Dental Screening Camp	Rotary Club, Chrompet	1	5
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
World cancer day celebration and Dental screening camp	Recognition certificate	Adyar cancer institute	99
Youth health mela and Dental screening camp	Recognition certificate	Adyar cancer institute	50
International yoga day and dental screening camp	Recognition certificate	TN MGR University,Guindy	15
Dental screening camp	Recognition certificate	Metropolitan transport corporation	12
Dental screening camp	Recognition certificate	Anaikkum karangal	5
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen	Name of the activity	Number of teachers	Number of students
	cy/collaborating		participated in such	participated in such

	agency		activites	activites
World Cancer Day	CDCRI	Attended Human Chain Rally on Awareness on Cancer	4	100
International Women's Day,	CDCRI	Gender Issue Women Empowerment	4	16
World Oral Health Day	CDCRI	Health Education Awareness Programme On Importance of Oral Health	4	200
World Health Day	CDCRI	Aids Awareness,HIV - A Public Health Problem	4	400
World No Tobacco Day	CDCRI	Health Education Awareness Programme On Ill Effects Of Tobacco And Its Consequences	4	100
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3.5 - Collaborations

3.5.1 - Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration				
Collabarative Reseach	177	Willingdon Charitable Trust, ICMR	90				
Student exchange	9	Self	9				
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MOU	Research work	Faculty of Allied Health Sciences	15/05/2019	31/12/2019	26
MOU	Research work	Chettinad Hospital and Research Institute	07/03/2019	31/12/2019	32

MOU	Research work	Chettinad School of Law	19/06/2019	31/12/2019	24
MOU	Research work	Chettinad College of Nursing	22/03/2019	31/12/2019	12
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Chettinad Hospital and Research Institute	07/03/2019	1. Joint research and development. 2. Staff exchange/Deputation 2. Facilities sharing platform 3. Jointly organising seminars, workshops and other academic activities 4. Outreach and extension activities 5. Research inputs an	32
Chettinad College of Nursing	22/03/2019	1. Joint research and development 2. Staff exchange/Deputation 3. Facilities sharing platform 4. Jointly organising seminars, workshops and other academic activities 5. Outreach and extension activities 6. Research input	12
Chettinad School of Pharmaceutical Sciences, Chettinad Academy of Research and Education	29/03/2019	1. Joint research and development 2. Staff exchange/Deputation 3. Facilities sharing platform 4. Jointly organising seminars, workshops and other academic	24

activities 5.		
Outreach and		
extension		
activities 6.		
Research input		

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
7800000	9000000

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added				
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added				
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added				
Video Centre	Existing				
Seminar halls with ICT facilities	Existing				
Classrooms with Wi-Fi OR LAN	Existing				
Classrooms with LCD facilities	Existing				
Seminar Halls	Existing				
Laboratories	Existing				
Class rooms	Existing				
Campus Area	Existing				
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4.2 - Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ILMS	Fully	2018	2018

4.2.2 - Library Services

Library Service Type	Existing		Newly	Added	Total		
Text Books	2074	4579246	269	18925	2343	4598171	
Reference Books	145	300000	0	0	145	300000	
e-Books	324	200000	324	100000	648	300000	
Journals	581	9783178	90	1122233	671	10905411	
e-Journals	115	1000000	30	100000	145	1100000	
Digital Database	25	13090390	3	2096000	28	15186390	

CD & Video	247	0	11	0	258	0	
Library Automation	11	4206390	1	1020000	12	5226390	
Weeding (hard & soft)	0	0	0	0	0	0	
Others(spe cify)	0	0	0	0	0	0	
	<u>View File</u>						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e- content
All faculty	CLMS(Chettinad Learning Management System)	PHP, MySQL	01/09/2019
Dr. Rajesh P	Refresher Course on Teacher and Teaching in Higher Education	SWAYAM	01/09/2019
Dr. Alagappan M	Refresher Course on Teacher and Teaching in Higher Education	SWAYAM	01/09/2019
Dr. Susmitha	Fundamentals of Neuro science,Part- I:The Electrical Properties of the Neuron	EDX	01/06/2019
Dr.Divya Natarajan	How to read and interpret a scientific paper	UDEMY	06/05/2019
Dr.Jagannatha.G V	Microsoft Excel- Excel from Beginner to Advanced	UDEMY	03/04/2019
Dr.Devi Chandrika	Pedagogical Innovations And Research Methodology	SWAYAM	01/10/2019
Dr.Martina Karunya	Food Nutrition for Healthy LIving	SWAYAM	01/10/2019
Dr.Ezhil	Basic course in biomedical research	SWAYAM	01/08/2019

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co	Computer	Internet	Browsing	Computer	Office	Departme	Available	Others
	mputers	Lab		centers	Centers		nts	Bandwidt	

								h (MBPS/ GBPS)	
Existin g	100	1	100	1	1	1	10	158	0
Added	0	0	0	0	0	0	0	0	0
Total	100	1	100	1	1	1	10	158	0

4.3.2 - Bandwidth available of internet connection in the Institution (Leased line)

158 MBPS/ GBPS

4.3.3 - Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Demonstration Videos	http://chettinaddental.edu.in/chettinad dentalcollege/dental_econtent.htm

4.4 - Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
23600000	19900000	6232000	6800000

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Laboratory - Student laboratory includes Dental materials, preclinical conservative, prosthetics, oral histology, oral pathology, orthodontic and pedodontics Anatomy, Physiology, Microbiology, General Pathology, Pharmacology... Clinical Laboratory includes Oral pathology, Ceramic lab, Acrylic lab, Casting lab rendering services to the patients. Library : Our institution has one of the largest libraries expanding upto 8000sq.ft, containing numerous books and journals. 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. Sports complex: Several sports facilities have been established for the students in our campus. A basketball court, cricket ground, tennis court, football ground as well as facilities for indoor games namely chess, carom, table tennis and badminton. There is an ultra modern indoor stadium. A swimming pool with life guards is available in the boy's hostel campus. Computer- Computerization of administration and library includes 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 departments has been improved (U drive). 4. The library is equipped with 10 computers with OPAC soft ware which reflects the details of books and journals available in the library. Dental books are bar-coded and issued. 5. Students are provided I- Pad for better understanding of the subject.

http://chettinaddental.edu.in/chettinaddentalcollege/cdcri/dentalcollege/Information-bulletin-MDS2020-21.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees			
Financial Support from institution	Adhi Dravidar Welfare Association, First Graduate DME	25	184000			
Financial Support from Other Sources						
a) National	0	0	0			
b)International	0	0	0			
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skills development	04/06/2018	350	CDCRI - Dr.Sandhya Arunkumar
Language and communication skills	13/08/2018	490	CDCRI - Dr.Daya Dr.Anupama
Yoga and Wellness	24/12/2018	200	CARE - Dr. Shiv Bhushan Sharma
Analytical skill development (Remedial class teaching)	18/02/2019	60	CDCRI - Dr.Christeffi Dr.Daya
Human value development	15/04/2019	490	CDCRI - Dr.Nagappan Dr. Jaganaath
Personality and professional development	18/03/2019	350	CARE- Dr.Vijayabanu,CDCRI - Dr.
Employability skills development	27/05/2019	585	CDCRI -Dr.Sridharan Dr.Senthil kumar
	Viev	v File	

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Guidence for competitive	34	94	25	98

	examination- by Target EDUCARE				
2019	Career oppor tunities for dental in ph armaceutical industry conducted by Leap-Learning and employabilit y academy for pharmace utical sciences.	34	94	25	98
2019	Dental education and research opportunitie s in Japan and student exchange program at graduate school of biomedical s ciences(Toku shima University).	34	94	25	98

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
20	20	160

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

	On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed	
JAWS AND TEETH DENTAL CLINIC	24	2	CLOVE 25 3			
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5.2.2 – Student progression to higher education in percentage during the year

students graduated from graduated from institution joined programme admitted to higher education	Year	enrolling into	Programme graduated from	Depratment graduated from	Name of institution joined	' "
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2018	1	BDS	Department of Pedodontics	Sri Vivekanandha Dental College	MDS		
2018	2	BDS	Department of Pedodontics	Chettinad Dental College	MDS		
2018	3	BDS	Department of Pedodontics	Chettinad Dental College	MDS		
2018	4	BDS	Department of Orthodontics	JKK Dental College Erode	MDS		
2018	5	BDS	Department of Orthodontics	Government Dental College, Kerala	MDS		
2018	6	BDS	Department of Orthodontics	Sri Ramachandra Dental College	MDS		
2018	7	BDS	Department of Orthodontics	Chettinad Dental College	MDS		
2018	8	BDS	Department of Orthodontics	Government Dental Colle ge,Chennai	MDS		
2018	9	BDS	Department of Orthodontics	MAHE Dental College, Pondicherry	MDS		
2018	10	BDS	Department of Orthodontics	Meenakshiamm al Dental College	MDS		
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying			
Any Other	28			
<u>View File</u>				

5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants		
CHETTINAD FUTSAL PREMIER LEAGUE	state	124		
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

SPORTS FEST-400 MTS - III PRIZE	Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
BATMINTON	2019	SPORTS FEST-400 MTS - III	National	1	0	JANVI	541616028
SPORTS FES T-FUTSAL - I PRIZE	2019	BATMINTON	National	1	0	CHANDHINI	541616015
SPORTS FEST-KHO KHO - II PRIZE	2019	SPORTS FES T-FUTSAL -	National	1	0		541416225
SPORTS FES T-CRICKET -I PRIZE	2019	SPORTS FEST-KHO KHO - II	National	1	0		541216048
SPORTS FES T-DISCUSS THROW BOYS - I PRIZE 2019 MOKSHA SPORTS FES T-JAVELIN THROW BOYS - I PRIZE 2019 MOKSHA SPORTS FEST-100 MTS - II PRIZE 2019 MOKSHA SPORTS FEST-400 MTS - I PRIZE 2019 MOKSHA SPORTS FEST-REALY GIRLS - I	2019	SPORTS FES T-CRICKET	National	1	0	NYKILESH	541716057
SPORTS FES T-JAVELIN THROW BOYS -I PRIZE 2019 MOKSHA SPORTS FEST-100 MTS - II PRIZE 2019 MOKSHA SPORTS FEST-400 MTS - I PRIZE 2019 MOKSHA SPORTS FEST-400 MTS - I PRIZE 2019 MOKSHA SPORTS FEST-400 MTS - I PRIZE 2019 MOKSHA SPORTS FEST-REALY GIRLS - I HUSSAIN BLEKIRUTHIK S412160 A 5412160 A 5412160 A 5412160 A 5412160	2019	SPORTS FES T-DISCUSS THROW BOYS	National	1	0		541316004
SPORTS FEST-100 MTS - II PRIZE 2019 MOKSHA SPORTS FEST-400 MTS - I PRIZE 2019 MOKSHA SPORTS FEST-400 MTS - I PRIZE 2019 MOKSHA SPORTS FEST-REALY GIRLS - I	2019	SPORTS FES T-JAVELIN THROW BOYS	National	1	0		541316004
SPORTS FEST-400 MTS - I PRIZE 2019 MOKSHA SPORTS FEST-REALY GIRLS - I	2019	SPORTS FEST-100 MTS - II	National	1	0		541216048
SPORTS FEST-REALY GIRLS - I	2019	SPORTS FEST-400 MTS - I	National	1	0		541216048
PRIZE	2019	SPORTS FEST-REALY	National	1	0		541216048
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The following committees are functional in the institution: 1.Dental Education Unit Will be governed by chairperson and convenor along with its members. The members are assigned as course incharges from first year till final year. For every Academic year 6-8 meetings will be held where all the BDS students starting from first year till final year students academic performance as well as attendance details will be discussed with the assigned year In charge, and the slow learners will be identified and remedial measures are undertaken for improvement of the students performance. 2. Parent Teacher Association Also governed by chairperson and convenor. Yearly two PTA meetings will be held for the August Batch as well as the supplementary batch. Before the PTA meetings are held. The PTA committee members are called and the dates are scheduled after the first internal assessment and third internal assessment examination where the students academic as well as the students attendance details are discussed with parents and any suggestions or remarks given by the parents are rectified. The notification of the scheduled dates are sent through registered posts to the parents 2 weeks prior to the meeting. The annual report of the PTA meetings are documeneted. 3. Institution Research committee Students and faculty short term projects are submitted for institiutional review board and ethical board clearance. The dissertation topics of the post graduate students as well as their short term projects are also submitted. 4. Patient Co-ordination committee Is functioning under chairperson, convenor and members from each department. Monthly meeting will be conducted to address the issues obtained through patient feedback system. Queries will be rectified and made functional for overall improvement of the institution. 5. Hostel Committee Team of Faculty members are assigned for the boys and the girls hostel were the students hostel grievances are dealt with. Every day the hostel students attendance are monitored and the late punch after 6.30pm are also asked for the explanation in the girls hostel. In case of Stay out the students are asked to make entry in the leave form and also to inform the hostel incharge faculty. Faculty squad have been assigned- Three faculty per year visit both boys as well as girls hostel regarding the cleanliness of hostel rooms as well as antiragging measures. Students who are sick are allowed to stay back in the hostel after informing the hostel in charge as well as the year in charge. The frequency of the hostel visits are documented in the register. 6. Out Reach Committee Governed by Public health dentistry department. On a monthly basis programmes are held for the public concern on oral health awareness. 7. Antiragging committee The frequency of antiragging committee meetings are held 4 times on a yearly basis. Faculty also visit the hostel on a daily basis for antiragging measures. 8. Library committee The Committee organizes 4 meetings per year regarding the books and journals available in the institution based on the DCI requirement as well discussions are done on the online procurement of the Ejournals that are available then and there. 9.Biosafety committee Two programs will be conducted for the undergraduate students to emphasize on the biosafety measures NACO Protocol , Professional ethics, Basic Life support, Biomedical waste management and Medical emergencies in Dental practice. 10. Students Carrer Guidance committee The committee functions for the benefit of the students carrer as well for opportunities in Abroad. Every year 3-4 programs are being organized for the benefit of the students. 11. Women empowerment committee Program on women empowerment, gender sensitization, social issues and education of the students on the same issues were spoken by various speakers. Various topics were discussed like Management of a non-complaint student, Non-complaint behaviour in class room, Gender equality. 12. Admission committee (BDS MDS) The committees are framed for both undergraduate and postgraduate admission, where three faculty members for PG admissions and 4 faculty members for UG admissions have been assigned. The academic calendar as well the admission details are uploaded in the college website along with the contact person details. Queries from the parents are rectified by the assigned faculty member. Prior to 3- 4months of admission meetings will be held by the committee members for the

intake of students. 13. Students Support and counseling committee The committee has support activities into three types 1. Students support of non complaint students 2. Student support by training of the faculties through women empowerment programs 3. Student support of hostel students. The committee focuses on the students not concentrating on studies due to mobile games, affairs, stress during examinations, Depression due to family issues, Irreguarity to college, PUBG addiction as well students who were failed in university examinations were counselled and measures are taken to overcome their problems. The counseling details are documented in a register 14. Alumni committee The committee organizes yearly once meetings for the Alumni students. The alumni students are also invited for various CDE programs organised by the college.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

ALUMNI The Alumni association at Chettinad Dental College has been striving to engage with its alumni since 2012 in various ways. To name a few, the alumni were involved in the institutional events like CDE programmes, workshops on implant dentistry, smile design, BLS among others. The following are the programmes conducted for the academic years 2015-19. • BPS denture • Implants in Dentistry (1) • Laminates and Veneers • Implants in Dentistry (2) • Clinical practice and management in Dentistry • Conference by International Society of Implantology • PG convention, Indian Society of Prosthodontics • MIDAS convention for the years 2016, 2017 and 2018. • Perio-Shiksha • Listerine ISP programme • Scope of Dentistry in North America by Dr. Hakeem, MDS (Orthodontics) • Medical emergencies in Dental Practice • Evidence based Dentistry

5.4.2 - No. of enrolled Alumni:

543

5.4.3 – Alumni contribution during the year (in Rupees):

45000

5.4.4 – Meetings/activities organized by Alumni Association :

The following meetings were conducted: 1. Saplings (16/08/2018), 2. Guidance for Competitive Examination by Target EduCare (17/12/2018), 3. Dental Education and Research Opportunities in Japan and Student Exchange Programe at Graduate School of Bio Medical Sciences(Tokushima University- 17/4/2019), 4. Career Opportunities in Pharmaceutical Industry (03/4/2019)

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The two practices of decentralization and participation are performed under the two committees: 1.. Patient Co-ordination committee Is functioning under chairperson, convenor and members from each department. Monthly meeting will be conducted to address the issues obtained through patient feedback system. Queries will be rectified and made functional for overall improvement of the institution. 2. Hostel Committee Team of Faculty members are assigned for the boys and the girls hostel were the students hostel grievances are dealt with. Every day the hostel students attendance are monitored and the late punch after 6.30pm are also asked for the explanation in the girls hostel. In case of Stay

out the students are asked to make entry in the leave form and also to inform the hostel incharge faculty. Faculty squad have been assigned- Three faculty per year visit both boys as well as girls hostel regarding the cleanliness of hostel rooms as well as anti-ragging measures. Students who are sick are allowed to stay back in the hostel after informing the hostel in charge as well as the year in charge. The frequency of the hostel visits are documented in the register.

6.1.2 - Does the institution have a Management Information System (MIS)?

Yes

6.2 - Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Transparency is ensured by adopting a selection procedure recommended by Dental Council of India for BDS MDS. Students are qualified through National Eligibility cum Entrance Test (NEET)conducted by Directorate General of Health Services(DGHS) at the Ministry of Health and Family Welfare.65 of the candidates are selected for government quota and 35 selected for management quota through the selection committee, DGHS.
Industry Interaction / Collaboration	Tie up with the industry, corporate, pharmaceutical and NGOs are made through the Out reach committee.
Human Resource Management	The staff matrix is in accordance with the norms of the Dental Council of India. The recruitment is done through the recruitment committee as per the norms of the Dental Council of India.
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 Human Resource Management.

Parameter and Parameter	Domilar toodhar turdulur 1.1 C
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.
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.
Teaching and Learning	The teaching methodology is more student-centric (learner centred) and self-directed learning. To problembased (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.
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 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.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	Effective patient management system has been planned and is under progression.
Administration	Overall administration is maximized to online management. Campus management system wherein the faculties fill in their duties every month for continuous evaluation. Learning Management System - lectures are scheduled and presented as power points. Consumable and non consumables are purchased, orders placed online, consumption entries done online. Faculty and students personal data maintained as soft copy. Salary credited and updated online. Faculty leaves applied and approved online. OP census maintained as online system entry on day to day basis.
Finance and Accounts	Institutional Strategies for mobilization of funds and the optimal utilization of resources: • Funds are raised internally by way of fees collection from students, hospital collections. • Fees is collected
	digitally by RTGS/NEFT or through Cheque/DD/Cash directly deposited by the students in our bank account. Hospital collections are deposited with bank on a periodic basis. • To ensure effective utilization of funds, short term deposits are created to meet out recurring expenditure on a monthly
	basis. • Yearly and monthly budgets are drawn up for efficient fund management. Resource Mobilization Policy: • Letters/SMS has to be sent to the parents with the intimation of due dates for payment of fees during the beginning of the academic year. • Fees
	has to be collected on generation of challan in our CCMS software. • Fees collections shall be in various modes such as RTGS/NEFT/ Cheque/DD/ direct deposit of cash in our bank account. • MIS received from the bank has to be uploaded on a daily basis in CCMS software to identify the fees pending

	has to be done for collection of fees from all the students. Procedures for Optimal resource utilization: • Monthly budgets are drawn up by the end of the prior month estimating the payments for next month. • All the payments are prepared by the accountant and vetted by the next level before submitting to the authorized signatory. • Hence there is two level verification while processing for payment. • Double signature is required for all payments above Rs. One lakh.
Student Admission and Support	There is a admission committee in the institution from which the students get the details about course, infrastructure details, fees details, hostel details. The students support committee also functioning by providing personal counselling as well as remedial measures.
Examination	Internal examinations are conducted on a regular basis as per the academic calendar and the marks are documented and regular PTA meetings are conducted to inform the parents regarding the students academic progression.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Agila	National Communal Harmony Week	CDCRI	500
2019	Dr. Agila	Observation of health days- World Tobacco Day	CDCRI	500
2019	Dr. Agila	Seminar on Quality Indicator	CDCRI	1000
2019	Dr. Aishwarya	National Communal Harmony Week	CDCRI	500
2019	Dr. Aishwarya	Observation of health days- World Tobacco Day	CDCRI	500
2019	Dr. Aishwarya	Seminar on Quality	CDCRI	1000

		Indicator		
2019	Dr. Alagappan M Dr. Alagappan M	National Communal Harmony Week	CDCRI	500
2019	Dr. Alagappan M	Observation of health days- World Tobacco Day	CDCRI	500
2019	Dr. Alagappan M	Seminar on Quality Indicator	CDCRI	1000
2019	Dr. Anisha	Introduction to dental photography	CDCRI	1000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Overcoming Fear	Training programme on Microsoft Xcel	20/07/2018	20/07/2018	17	9
2018	Training programme on Microsoft Xcel	Introducti on to E banking	21/10/2018	21/10/2018	23	8
2018	Vittiya Saksharata Abhiyaan(V ISAKA)	Dress decorum conduct	01/12/2018	01/12/2018	10	6
2018	Dress decorum conduct	Breast cancer awareness programme	07/12/2018	07/12/2018	24	2
2018	CDE Programme on NACO Protocol		12/12/2018	12/12/2018	37	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the	Number of teachers	From Date	To date	Duration
professional	who attended			

development programme				
Clinical Scenario in maxillo facial surgical practice	5	05/05/2019	05/05/2019	1
CDE program on understanding dental laminates	7	07/06/2019	07/06/2019	1
CDE Programme on HIV AIDS	27	24/04/2019	24/04/2019	1
		View File		

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-te	aching
Permanent	Full Time	Permanent	Full Time
59	59	174	174

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
ESI,Provident fund,Concession on dental treatment charges	ESI,Provident fund	Concession on dental treatment charges

6.4 – Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly (with in 100 words each)

• Accounts are maintained digitally in ERP Sage ACCPAC an integrated Hospital management system and Accounting software. • Accounts are subjected to audit by independent statutory auditors. Every year audited financial statements are filed with Income Tax department. • External / statutory audit handled by the independent statutory auditors. Audit of accounts are done regularly. There has been no audit objection so far. Independent auditors report attached to the financials of each year. • Internal audits done on a regular frequency / concurrent basis by the internal audit team by Trust head office

6.4.2 - Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
The Willingdon Charitable trust	3300000	INFRASTRUCTURE
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6.4.3 – Total corpus fund generated

5000000

6.5 - Internal Quality Assurance System

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

Audit Type	External	Internal

	Yes/No	Agency	Yes/No	Authority
Academic	Yes	CARE	Yes	CDCRI
Administrative	Yes	CARE	Yes	CDCRI

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1.Periodic meetings are conducted regarding the academic progression of the students 2.Orientation for the first year parents at the beginning of the academic year 3.Curricular aspects of the academics are discussed with the parents

6.5.3 – Development programmes for support staff (at least three)

1.Re-inforcement of sterilization protocols 2.Biomedical Waste Management 3.Hepatitis-B vaccination

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1.I-Pad teaching for the undergraduate students 2.Student support and counselling 3.Mentorship programs

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 - Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	National Communal Harmony Week	07/11/2018	12/03/2019	12/03/2019	37
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CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Equality	05/07/2018	05/07/2018	62	34
Healthy Habits And Lifestyle Modification	07/11/2018	07/11/2018	95	24
Self Defence- Kavalan App	15/01/2019	15/01/2019	90	20
Womens Day Celebration- Showcase Your Talent	08/03/2019	08/03/2019	90	26

Healthy Habits	23/05/2019	23/05/2019	78	45
And Lifestyle				
Modification				

7.1.2 - Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

A total of 18 Windmills - corresponding to 5.115 MW of Wind Energy is the only source of non-conventional energy source. These windmills are located at Vadavalli, Udumalpet and Tirunelveli belts. Generation from these windmills offsets our TNEB Consumption for 6 months in a calendar year. ENVIRONMENTAL CONSCIOUSNESS METHOD ADOPTED QUANTUM SAVED Plantation 75 campus covered with greenary In - house nursery Plant samplings to meet future needs Herbal garden Over 65 varieties of medicinal plants Green zones ? Restricted areas for motorised vehicles ? Battery operated vehicles ? Bicycles for in - campus mobility ? Biomass plant In process ? Bio-gas generation from food wastes ? Vermi composting and window composting ? Briquette preparation from organic wastes Sustainable architecture Well ventilated - cross ventilation Well lit natural light Minimal need for additional lighting or ventilation Energy efficiency Installation of variable frequency drive energy saving 18-25 Replacement of conventional lights (Sodium vapour and CFL) with LED street lights Usage of LED monitors in place of CRT monitors 4 heat pumps od 2000lpd installed in dormitories

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	500
Provision for lift	Yes	500
Ramp/Rails	Yes	500
Braille Software/facilities	Yes	10
Rest Rooms	Yes	500
Scribes for examination	Yes	10

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva ntages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	3	17	03/07/201 9	224	Rural Health Camp	Oral health care awareness Screening camp	69

7.1.5 - Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)

Student hand book	01/09/2018	students should wear neatly ironed uniforms. All the students must wear their overcoats and ID cards during working hours. Male students must come with clean shaven face and their shirts tucked in. Slippers, sports shoes and sandals are not permitted formal shoes are compulsory. Female students should tie up their hair. No student shall take part in any undesirable activity like ragging or involve himself/ herself in any political or other movements in any manner during the course of study in the institution. Any damage caused to apparatus, furniture or any other articles due to their negligence, carelessness, will be viewed seriously		
		articles due to their		
		and damage costs will be levied upon the student.		
6 – Activities conducted for promotion of universal Values and Ethics				

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants	
World No Tobacco Day	31/05/2019	31/05/2019	100	
World Health Day	07/04/2019	07/04/2019	400	
World Oral Health Day	20/03/2019	20/03/2019	200	
International Women's Day	08/03/2019	08/03/2019	16	
World Cancer Day	04/02/2019	04/02/2019	100	
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

More than 50 of our 38.5 hectare land is dedicated for Landscaping — with more than 200 varieties of plants and 100 varieties of trees. Green Zone is maintained where no fuel — based automobile is operated. The pollution level is far below than the prescribed standards of the NAAC. Setting up of infrastructure, Energy Waste Management, Water Usage, Transportation, and Environmental Education are the criteria which provide opportunities for us to examine our strengths and weaknesses in promoting green campus and sustainable development. Quality of Life (QOL) as an individual's perception of their position in life in the context of the culture and value systems in which they live and in relation to their goals, expectations, standards and concerns

revolves around the environment in which the individual is living. The words "sustainability," "going green," or "green building" is coming up more often in discussions about the management of resources and business practices.

7.2 - Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICES 1: PATIENT OUTREACH PROGRAMMES The outreach activities are concerned with the organization and execution of both screening and treatment camps in near and distant locations. Camps can either be a screening camp where the target population is evaluated for the presence of any dental pathology and then create awareness, motivated and advised on the appropriate treatment required, or a treatment camp where the patients are screened and routine dental treatment like scaling, restorations, and simple extractions are performed at the camp venue itself. Outreach activities have since evolved into a model for providing effective, sustainable, and comprehensive oral health services in community-based settings by combining service, education and research. OBJECTIVES ? To act as a primary care provider for individuals and groups of patients. This includes providing emergency and multidisciplinary comprehensive oral health care, directing health promotion and disease prevention activities, and using advanced treatment modalities. ? Diagnose the oral health problems and their effects on the community and to identify the most common community oral health problems in order to effectively tackle the endemic problems of the locality. ? To plan and provide multidisciplinary oral health care for a wide variety of patients including patients with special needs. ? To function effectively provide oral health care in the outpatient setting and a hospital setting. ? Reduction in the burden of oral diseases concomitant with improvement in oral health status of the community can only be achieved through public outreach. ? To apply scientific principles to the provision of oral health care. This includes using critical thinking, evidenced or outcomes-based clinical decision-making and technology-based information retrieval systems. ? To utilize the values of professional ethics, lifelong learning, patient centered care, adaptability, and acceptance of cultural diversity. ? To understand the oral health needs of communities and engage in community service. ? Continuous and comprehensive overview the dental camps on a regular basis in order to ensure a fluid chain of patient care from the primary to tertiary level. ? Creating public awareness on the commonly occurring oral diseases and also in other healthcare issues plaguing society especially non communicable lifestyle diseases. ? To create awareness on special days meant to commemorate health care issues such as World Oral Health Day, World Anti Cancer Awareness Month, World No Tobacco Day, World First Aid Day, National Communal Harmony Week. PRACTICE The department of Public Health Dentistry conducts outreach activities through the following methods • Conducting camps in nearby areas such as schools, colleges, old age homes, orphanages, factories, churches, local community centres. • Satellite centres at Poonjeri for rural oral health care service needs which caters to the number of clustered villages along the Poonjeri-Mahabalipuram stretch • The staff and CRIs posted daily in Poonjeri also conduct outreach programmes in small villages, orphanages and government schools located near Poonjeri to enhance the reach towards the rural sector from where patients in need of dental treatment are initially being referred to the primary health care level at Poonjeri. • Patients in need of advanced treatment are referred and are also provided access to free transport from Poonjeri Primary health centre twice a week to Chettinad Dental Hospital for procurement of care at the tertiary level. • Collaboration with Chettinad Hospital and Research Institute is established through the Outreach Patient Receival Facility constructed in the premises of the institution for patients brought from Medical camps in order to provide access to dental treatment as well. • The follow up of the patients

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referred from the satellite centers is managed and tracked by the department in
   order to ensure seamless and continuous care of the patients. • Outreach
    activities are also conducted in IT companies along the Rajiv Gandhi IT
 Expressway • Apart from private institutions, dental screening camps are also
conducted in partnership with government institutions such as the Metropolitan
 Transport Corporation in order to ensure the oral health of the employees who
 are usually from financially disadvantaged backgrounds. • Outreach activities
   such as Health Education Talks, rallies, campaigns are also conducted in
 schools, colleges and public areas on special days such as World Oral Health
 Day, World Anti-Cancer Awareness Month, World No Tobacco Day, World First Aid
  Day, National Communal Harmony Week in order to inculcate a spirit of oral
 healthcare and to realize the correlation of oral and general health in order
   to emphasize the importance of maintenance of oral hygiene and community
      participation from a young age and also to increase interest in the
 environmental crisis on Earth Day, World Environment Day, Plastic Free Waste
   Campaign, etc. OBSTACLES • The major obstacle faced by the institution is
obtaining the approval of higher authorities in order to conduct oral screening
  cum treatment camps due to government restrictions • The transport of oral
      healthcare personnel to distance areas along with the equipment and
  infrastructure necessary becomes an issue of logistics • Inculcating public
involvement in their oral hygiene after overcoming difficulty in accessibility,
  lack of awareness of importance of oral health in correlation with general
   health is a concern IMPACT The lack of availability of basic oral health
 education and simple intercession to a larger sector of population, resulting
in poor oral health also affecting the quality and standard of life is a major
concern to be tackled through outreach activities conducted for public welfare.
   These programs are found to be very effective for diminishing oral health
   unevenness in privileged versus underserved sectors of society which are
   readily noticeable in • Increase in flow of patients from underprivileged
   backgrounds • Higher number of patients reporting to the screening camps
 compared to earlier years due to more public awareness and positive response
 towards dental treatment. • Broader age groups reporting for dental check-up
and for treatment • Betterment of awareness of oral hygiene practices in school
   going children and youth . Clinically noticeable improvement in the oral
hygiene status of the patients. Each program is unique, yet all share the goals
 of service, education, and research, while fostering local collaboration for
 sustainability, both in health outcomes and finances. Partnerships with local
      organizations and healthcare providers are cultivated to ensure the
continuation of services. The impact of such outreach activities can be felt in
   the decrease in dental disease with a concomitant improvement in the oral
 hygiene status in the population covered and surveyed. This can be attributed
to both treatment and dental education rendered to the general public. Evidence
of success: Development of self-reliance in the community by involving the self-
help groups village counsellors. • 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. Best Practices 2: Title - E-
 Learning Context: Technological advancements are to be accepted and necessary
  adaptations are to be made so as to enhance our knowledge and grow with the
   world. Students are more inclined towards usage of gadgets which could be
 exploited in a positive way to impart education through e learning. Thus, our
 institute initiated the Learning Management System and also IPAD's were given
to the students from the year 2017-18. Objective: The primary objective of our
 Learning Management system is to Incorporate a common portal of learning for
 students and teaching for faculties. This enables the students to use gadgets
 in a productive way. In this means the student monitoring also becomes easy.
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The Practice: The learning management system is monitored by a team of IT experts. The website access is provided to students, teachers and parents by assigning separate username and password for them. • Once logged in the students can view various presentations done by the faculties under different headings. In case of any unavoidable circumstances, if the student fails to attend classes, he/she can view the presentations of the faculties later. Thereby the students do not miss the continuity of classes. • The teachers also upload their presentations onto the LMS portal. • The attendance and internal assessment marks of the students are also uploaded onto the LMS portal. This enables the parent to periodically view the same. • Others than presentations, videos are also being uploaded to LMS portal for future reference • IPAD's are being given to the students, using which the students can access the LMS portal • Other than that, we have access to various applications inclusive of Classroom app, through which the student can directly view the presentations • The classroom app also enables the faculty to view the activites of the students Obstacles: During initial stages of LMS usage, the students and the faculty had difficulty in getting adapted to newer software. But with sequential training sessions, this has been overcome. Impact: The incorporation of Learning Management System ahs highly influenced the results so obtained. The students had an opportunity to review the presentations and videos uploaded by the faculties. Parents were also able to monitor the attendance and performance of the students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://chettinaddental.edu.in/chettinaddentalcollege/cdcri/NAAC/BestPractices-2018-19.pdf

7.3 - Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Institutional distinctiveness The mission of Chettinad Dental College and Research Institute is to assemble talented faculty and students to address key and emerging biomedical and dental health problems with implications in human health. The institution supports cohesive research through its research advisory committee, IPR Cell and earnest attempt at further improving research by appointing faculty of international repute. The undergraduate and postgraduate students are exposed to various government and non-government funding agencies like Indian Council for Medical Research (ICMR) for research grants and approval. In its former years the institution had taken the guidance for its research arena from its institutional faculty who are experts in the particular subject. The institution has made a MoU with CARE (Chettinad Academy of Research and Education), with in its campus, a deemed university has a MCI recognised Medical College, hospital and faculty of allied health sciences for exchange of ideas, research and talent. CARE is accorded SIRO status by DSIR and has linkages with 29 academic institutions and industries for enhancing teaching, training and research. CARE has established State of art instrumentation facility for its biomedical research incorporating genomics, nanotechnology laboratories, tissue culture facility, bioinformatics computational biology labs, in-vitro fertilization lab, high throughput computing facility for drug discovery, in vivo small animal imaging and CPCSEAapproved animal facility. Faculty from AHS (Allied Health Sciences) who are part of CARE have been sought for expert opinion and guidance in research by the students and faculty from Chettinad Dental College. The varied expertise and international play of such faculty from other Allied Health Sciences has been definitely a boost for our students, wherein they would not require support from external informants. This has drastically improved the quality of

research at our institution in the recent year, wherein previous unexplored areas like dental and public health research, tele-dentistry, stem-cell research, translational medicine, genetic research etc. has been made possible in the limelight. In this regard, Chettinad Dental College is proud for its collaboration with CAREand faculty from Allied health sciences.

Provide the weblink of the institution

http://chettinaddental.edu.in/chettinaddentalcollege/cdcri/NAAC/Institutional-Distinctiveness-2018-19.pdf

8. Future Plans of Actions for Next Academic Year

1. To conduct more value added courses and add-on courses for the students that helps in getting a job/ employability. 2. Enhancing Equipment facilities and faculty resources to conduct more value added courses. 3. Including stakeholder feedback by sending the students for market / Industry internships. 4. Enhancing the technological upgradation for existing treatment and training faculty and students for the upgraded technology for employability. 5. International curriculum incorporation for employability in the international market.