Yearly Status Report - 2019-2020

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://www.chettinaddental.edu.in/chettinaddentalcollege/dental_agar.htm

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/2019-20hb.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**A**	**3.16**	**2015**	**01-May-2015**	**30-Apr-2020**
2	**A+**	**3.28**	**2021**	**08-Apr-2021**	**07-Apr-2026**

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 IQAC	Date & Duration	Number of participants/ beneficiaries

NEED OF ACCREDITION IN HIGHER EDUCATIONAL INSTITUTIONS	01-Nov-2020 9	59
UNDERSTANDING STUDENT PERSPECTIVE BY TEACHERS	13-Aug-2020 30	512
IS WORLD CLASS RESEARCH POSSIBLE IN INDIA	14-Apr-2020 1	59
Quality Indicators for teachers education	29-Oct-2019 1	38
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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.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Chettinad Dental College/ Conservative Dentistry/Dr.Manjiri	STS Scholarship	ICMR	2020 90	20000
Chettinad Dental College/ Conservative Dentistry/Dr.Sreeram	STS Scholarship	ICMR	2020 90	20000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
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
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**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

Plan of Action	Achivements/Outcomes
Effective curriculum delivery by term plan & schedule	Effectively delivered curriculum. Conducted 2 add on & 8 value added courses,2 field visit and interns were exposed to community postings & industry visit
To collect stakeholder feedback on curriculum & syllabi, necessary analysis, action taken report	Collected, analysed, reported and necessary action plan taken accordingly
Effective teaching & learning through innovative teaching methods.	Innovative teaching methods included in all departments, obtained better PO – CO analysis. All the faculties were trained in for use of ICT Enabled tools.
To improve student progression & higher studies	30 Students progressed to higher educations & 4 programs were conducted by Career guidance & placement cell
To Improve research projects	79 Research Projects were carried out. 2 ICMR Research projects were obtained. 6 programes were conducted on IPR, Research grants and industry academia collaboration
To Improve outreach & extension activities	observed all health & national Days, 109 camps were conducted and 11208 patients were benefitted. 11 awards & recognitions were obtained
Upgrade of new speciality books with latest edition	Speciality books and journals were purchased.
To collect feedback from various stakeholders	Analysed stake holders feedback and necessary actions were taken
quality Improvement	Conducted 4 quality programs categorized into outreach & extension activities ,teaching& learning process,

& Research Methodology.	
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Chettinad Dental College & Research Institute	11-Jun-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**

Date of Visit	**01-Apr-2021**

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
Myofunctio nal Appliance	Nil	05/05/2020	10	Employabil ity	Skill development
Immediate implant in oral and max illofacial surgery	Nil	29/12/2020	10	Employabil ity	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MDS	Public Health Dentistry	01/07/2020
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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	Oral Medicine Radiology	01/10/2019
BDS	Public Health Dentistry	01/10/2019
BDS	Oral Surgery	01/10/2019
BDS	Prosthodontics	01/10/2019
BDS	Conservative Dentistry & Endodontics	01/10/2019
BDS	Pedodontics	01/10/2019
BDS	Oral Pathology	01/10/2019
BDS	Orthodontics	01/10/2019
BDS	Periodontics	01/10/2019

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

	Certificate	Diploma Course
Number of Students	479	Nil

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
How to do systemic reviews and metaanalysis	20/07/2019	30
Interpretation of PET Scan	14/08/2019	63
Posterior composite	14/10/2019	66
Biofunctional prosthetic system	19/10/2019	58
Personality and communication skills	16/12/2019	87
Cosmetic dentistry in childrens	03/02/2020	66
Feel of implants	05/02/2020	65
Basic in oral and Maxillofacial surgery	14/02/2020	200
Dental Practice Management	22/01/2020	40
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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/field visits	78
BDS	All departments/internships	65
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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
MDS	Public Health Dentistry	2	8	2
MDS	Pedodontics And Preventive Dentistry	3	30	3
MDS	Oral Medicine And Radiology	2	8	2
MDS	Oral Pathology And Microbiology	2	4	2

MDS	Orthodontics And Dentofacial Orthopedics	3	30	3
MDS	Conservative Dentistry And Endodontics	3	30	3
MDS	Oral And Maxillofacial Surgery	2	8	2
MDS	Periodontology	3	9	3
BDS	Dentistry	100	145	100
MDS	Prosthodontics And Crown And Bridge	2	8	2
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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	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	423	58	68	68	68

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning 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
68	68	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
481	68	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
68	68	Nill	68	Nill

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
2019	Dr.R. Sridharan	Professor	International Award of Excellence Asia Dental Awards 2019
2019	Dr.Nivethitha B	Lecturer	Membership in Orthodontics
2019	Dr.P.Rajesh	Principal	Excellence in teaching
2019	Dr.M.Alagappan	Professor	Excellence in teaching
2019	Dr.M.Semmia	Associate Professor	Excellence in teaching
2019	Dr.K.Senthil Kumar	Professor	Excellence in teaching
2019	Dr.K.Sadasiva	Professor	Excellence in teaching

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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	54	III BDS	31/12/2020	09/04/2021
BDS	54	IV BDS	31/12/2020	15/02/2021
BDS	54	II BDS	31/12/2020	31/03/2021
BDS	54	I BDS	11/03/2021	21/04/2021
MDS	68	I MDS	24/11/2020	15/02/2021
MDS	68	III MDS	10/12/2020	01/04/2021

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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)

http://chettinaddental.edu.in/chettinaddentalcollege/dental_program-outcome.htm

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
68	MDS	Periodontology	2	2	100
68	MDS	Oral Pathology	2	2	100
68	MDS	Conservative dentistry & Endodontics	3	3	100
68	MDS	Orthodontics& dentofacial orthopaedics	3	3	100
68	MDS	Prosthodontics and	1	1	100

68	MDS	Pedodontics & preventive dentistry	3	3	100
68	MDS	Oral & Max illofacial surgery	2	1	50
68	MDS	Oral Medicine & Radiology	1	1	100
54	BDS	Dentistry	88	86	98

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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/cdcri/NAAC/student-feedback-2019-2020.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
Minor Projects	90	sir rajah muthaih trust	460	460

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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	ORAL MEDICINE	30/11/2019
Workshop On Systematic Review And Meta Analysis	PUBLIC HEALTH DENTISTRY	20/09/2019
Seminar On Research Grant Writing	ORAL PATHOLOGY	11/12/2019
Seminar On Bracket Manufacturing By Bpo Trac Industry Academiacollaboration	ORTHODONTICS	01/04/2020
Seminar On X Ray Films By Medi Globe Systems Industry Academia Collaboration	ORAL MEDICINE	21/05/2020

Seminar On Intellectual Property Rights, Promotion And Protection In Dentistry	PUBLIC HEALTH DENTISTRY	12/06/2020
Workshop On Microsoft Excel / Citation Software	IT DEPARTMENT	22/06/2020

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
Antimicrobial effect of lactobacillus casei strain shirota on oral microbiota – an in-vitro microbiological study	Anusha Naidu2017-2018 III BDS m s ,	CDCRI	30/06/2021	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	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Institution Innovation Council	Chettinad Dental college Research Institute	Innovative Lab solutions, Bredent Group India PVT ltd,Kedo Dent	Pre Incubation	02/08/2019

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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	12000	25000

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

Name of the Department	Number of PhD's Awarded
Nil	Nill

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Oral Pathology	4	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	4

Pedodontics Preventive Dentistry	4

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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
Kedo file system for root canal preparation in primary teeth.	Arthi Lakshmi	.Indian J Dent Res	2019	2	Chettinad dental college and research institute	2
Effect of dentures in preservation of muscles of mastication. Ultrasonographic and electromyographic study	Dr. Liji	Journal of Prosthodontic Dentistry	2019	1	Chettinad dental college and research institute	1

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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
Comparative Evaluation of SMAD-2 Expression in Oral Submucous Fibrosis and Reactive Oral Lesions	Dr.Harini priya	Asian Journal of Dental Sciences	2020	2	1	Chettinad dental college and research institute

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	12	14	45

Presented papers	2	4	2	4
Resource persons	10	10	10	32
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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
Awareness on AIDS and dental screening camp	Kidzee School , Navalur	1	7
Awareness on blood donation and dental screening camp	Kannathur-Village	1	5
Awareness on blood donation and oral screening camp	Kidzee Primary School, Kelambakkam	1	6
Awareness on Swachh Bharat and oral screening camp	Kidzee Nursery And Primary School,Padur. 733899556	1	7
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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
Dental Screening Camp	Acknowledgment Certificate	Kidzee school kelambakkam	7
Dental Screening Camp	Recognition Certificate	Advent Christian church Perumbakkam	5
Dental Screening Camp	Acknowledgment Certificate	Kid rockz Siruseri	7
Dental Screening Camp	Acknowledgment Certificate	Ring of fire charitable trust	6
Dental Screening Camp	Acknowledgment Certificate	Padmavathi public school	10
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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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Outreach extension	CDCRI	Blood Donation	5	200

activities		Awareness by Red cross		
Outreach extension activities	CDCRI	National Immunization Awareness	5	13
Outreach extension activities	CDCRI	National Oral Hygiene Day	5	15
Outreach extension activities	CDCRI	Cleft Lip and Cleft Palate	5	16
Outreach extension activities	CDCRI	Plastic Free Day	5	20
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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
CBCT images for the study obtained from Govt Dental College Chennai	"Dr.Deepti J.V "	self	1
Fracture toughness testing by universal testing machine at Hindustan university, kelambakam	"Dr. Harini "	self	1
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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
Industrial linkage	Dental Laboratories	Innovative lab solutions	01/07/2019	30/06/2020	Students [Undergrdute and post graduate]and faculty
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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

JAGANNATH VIDYALAYA	10/03/2020	OUTREACH EXTENSION ACTIVITIES	78
VITALIUM DENTAL LAB	08/01/2020	RESEARCH AND PATIENT TREATMENT WORK	65
CANCER RESEARCH RELIEF TRUST	16/09/2019	STUDENT EXCHANGE	28
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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
128	116.56

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Laboratories	Existing
Seminar Halls	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	
e-Books	648	500000	324	200000	972	700000
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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	Date of launching e-

| All faculty | CLMS(Chettinad Learning Management System) | PHP , MySQL | 01/07/2019 |
| Dr. Sivan Sathish S | Refresher Course on Teacher and Teaching in Higher Education | SWAYAM | 01/09/2019 |

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	100	1	100	1	1	1	10	1	0
Added	0	0	0	0	0	0	0	0	0
Total	100	1	100	1	1	1	10	1	0

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

<div align="center">

1 MBPS/ GBPS

</div>

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	https://www.youtube.com/channel/UCxrpKW-TlY4dnhVoMjvv1BQ

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
325	295	340	313

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/cdcri/dentalcollege/Information-bulletin-MDS%202021-22.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	Aadhidravidar Scheme First Graduate scheme	55	7870000
Financial Support from Other Sources			
a) National	Exserviceman scholarship, Military Scholarship, Vijayalakshmi charitable trust, erode, Minority scholarship	2	60000
b)International	Nil	Nill	0
View File

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	19/02/2020	350	CDCRI
Language and communication skills	24/02/2020	490	CDCRI – Dr.Christeffi
Yoga and Wellness	20/05/2020	200	Isha Foundation
View 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
2019	Career counselling program	22	104	22	102
2019	competitive exam guidance	22	256	22	102
View File						

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
25	25	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
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	22	BDS	Chettinad Dental College Research Institute	Ragas Dental College, ENDODONTICS, ORAL SURGERY, ORAL PATHOLOGY	mds - Oral medicine, oral surgery, oral pathology, endodontics
View File					

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	22
View File	

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

Activity	Level	Number of Participants
chettinad badminton league	State	42
Chetfest	State	112
Chettinad Futsal premier league	State	88
View File		

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)

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
2019	3rd Place in Fashion show, 3rd Place in Bride and Groom, 3rd Place in Western Dance	National	1	3	541816013	Ashish.S.S
2019	Midas – indian dance runners	National	1	1	541916093	Vaishnavi.G
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Students Council established in our college plays a vital role in helping the student community in the academic and non academic activities and general administration of the college. The Council oversees the various activities of the college such as Orientation program for freshers, organizing and participating in the activities on important days like Sports Day, Teachers' Day, Festival days and also involve in various organizing committees. It also encourages students to participate in large numbers in cultural, sports, academic and campus based activities. The objectives with which the Student Council is functioning are: • To create a strong bond between Management, Teachers, staff and students for establishing a congenial atmosphere in the campus. • To be an interface for representing the problems and difficulties of the students with the authorities of the college administration and arriving at acceptable solutions. • To play an active role for enhanced performance of the students in studies as well as personal development. • To support the college in all its development The Management extends solid support to the Student Council in all its activities. Student Council provides unconditional support and participation in sports and cultural activities within the college including sports day and drama or musical events. Whenever the students face issues or stuck with grievances, the Council takes immediate steps to bring to the notice of the authorities viz. Principal and HODs. A few of the issues and

grievances which are sorted out through the Council are listed below. Academic:
1. Specific time slot in the library exclusively for the students. Page 102/164
06-10-2020 02:05:40 Self Study Report of CHETTINAD DENTAL COLLEGE AND RESEARCH
INSTITUTE 2. Coaching the students to join MDS program and interactive sessions
with senior faculty once in a week to provide necessary guidance are conducted.
3. Providing Personality Development programs to improve their soft skills and
External Experts are arranged. 4. Additional teaching in the hostel premises to
strengthen the understanding of the subjects and faculties are provided. Other
Activities 1. Screening of movies after college hours. This is done on every
Thursday and the bus times are rescheduled to enable day scholars to reach home
after the movie. 2. Celebrations for festivals like Onam, Holi etc. in the
campus. Festival celebrations permitted with support facilities. 3.
Representation of students in committees and clubs: Student representatives are
included in various committees such as Outreach Committee, Patient Committee,
Cultural Committee NSS Committee, Sports Committee Green Environmental Club ,
Cricket , badminton clubs etc. This has helped the students to involve in the
affairs of the college and also strengthened the skill set and team spirit.
Student Council is also taking steps to bridge with Student Councils of other
colleges, particularly in the organization of sports and cultural activities
and this increases the visibility of 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 2019 - 20.

5.4.2 – No. of enrolled Alumni:

605

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

31000

5.4.4 – Meetings/activities organized by Alumni Association :

The following meetings were conducted : 1. Saplings (16/08/2019), 2. Guidance
for Competitive Examination (17/12/2019), 3.Dental Education and Research
Opportunities , International Students CLAW Meeting (23/5/202):• Discuss about
COVID 19 pandemic situation. • To encourage networking and build relationship
among NRI CLAW Alumni

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.
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.
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.
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.
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.
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
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.

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

E-governace area	Details
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.
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 to be collected. • Constant follow up 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.

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. Anupama Ramachandran	Module - 1: Understanding DENTAL LAMINATES	CDCRI	500
2019	Dr. Eswari Jagdish	CLINICAL SCENARIOS IN MAXILLOFACIAL SURGICAL PRACTICE	CDCRI	600
2019	Dr.Nachiammai	UG STUDENTS BIO ETHICS CONVENTION 2019	CDCRI	500
2020	Dr.Indra Annamalai	IQAC, National conference on teaching, learning evaluation	CDCRI	500

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)
2019	Management of Children with multi surface caries	Management of Children with multi surface caries	21/08/2019	21/08/2019	50	20
2019	BLS and ACLS training program	BLS and ACLS training program	09/09/2019	09/09/2019	46	20

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 professional development programme	Number of teachers who attended	From Date	To date	Duration
Evidence based Dentistry	35	24/04/2020	24/04/2020	1
Management of Children with multisurface caries	50	21/08/2019	21/08/2019	1

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
68	68	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
Raja sir Annamalai Chettiar memorial trust	460	INFRASTRUCTURE PURCHASE OF HIGH END EQUIPMENTS
View File		

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	Yes
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	Quality Indicators for teachers	29/10/2019	29/10/2019	29/10/2019	38

	education				
2020	IS WORLD CLASS RESEARCH POSSIBLE IN INDIA	14/04/2020	14/04/2020	14/04/2020	59
2020	UNDERSTANDING STUDENT PERSPECTIVE BY TEACHERS	13/08/2020	13/08/2020	13/08/2020	512
2020	NEED OF ACCREDITION IN HIGHER EDUCATIONAL INSTITUTIONS	11/01/2020	11/01/2020	11/01/2020	59

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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
HEALTH AND WELL BEING PROGRAM- BREAST CANCER AWARENESS	27/11/2019	27/11/2019	190	34
SELF DEFENSE- KAVALAN SOS	13/12/2019	13/12/2019	250	50
PERSONALITY DEVELOPMENT- MISCOMMUNICATION	19/02/2020	19/02/2020	150	50
NATIONAL GIRL CHILD DAY	24/01/2020	24/01/2020	220	30
INTERNATIONAL WOMENS DAY CELEBRATION	08/03/2020	08/03/2020	360	40
DESTRESS – YOGA WEBINAR- ISHA FOUNDATION	20/05/2020	20/05/2020	160	40
SELF MOTIVATION – UNNAL MATTUM MUDIYUM	02/05/2020	02/05/2020	190	32
YOGA FOR HOLISTIC HEALTH	23/06/2020	23/12/2020	110	40

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 disadvantages	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
2019	3	68	03/07/2019	222	Health Camps	Oral health care awareness Screening camp	256

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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	01/09/2020	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 and damage costs will be levied upon the student.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Cleft and Craniofacial Awareness and Prevention Month	31/07/2019	31/07/2019	36
National Public Health Dentistry Day	19/06/2020	20/06/2020	59

[View File](#)

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: Title of the practice Chettinad's Learning Management System. Version 2. The context that required initiation of the practice Training and

teaching via an LMS to outfit the students to gear up education during current pandemic situation. To provide consistency of training: Training and course delivery via an LMS is consistent since it is centralized. It is required to deliver a consistent training and learning quality to all students by supplying a single source for content, course materials and instructions. To easily track learner progress and performance: LMSs allow the company to easily generate training reports on an overall or user/student level basis. By utilizing an LMS for eLearning courses and/or online training, students can easily track goal progress, knowledge gains, and more. To meet regulatory compliance. Objective of the practice The main objective of the LMS is to organise and pursue online learning. Providing a virtual fulcrum where learners can access training resources, an LMS aims to make training accessible for remote learners and provide a central location for training across the institution. It is a system which works in an automated, pre-determined way based on the guideliness with international standards set by Chettinad dental college and research institute. The Practice Learning management system is a software application that provides the framework that handles all aspects of the learning process. All teaching staff have been trained adequately to use LMS adopted by the institution for managing and delivering learning material to all students of Chetinaad dental college and research institute. The institution incorporates revolutionary policies, change in your geographical presence, creating new plan and customizing the system for unique organizational requirements and overall expansion. It is a eLearning practices and, in its most common form, consists of two elements: a server that performs the base functionality and a user interface that is operated by instructors, students and administrators.. Typically, learning management system provides an instructor with a way to create and deliver content, monitor student participation and assess student performance. A learning management system also provide students with the ability to use interactive features such as threaded discussions, video conferencing and discussion forums. LMS is an effective system will allow instructors and administrators to efficiently manage elements such as user registration, content, calendars, user access, communication, certifications and notifications. The Advanced Distance Learning using LMS during pandemic enables to conduct online examinations. LMS version 2 helps to keep the course up-to-date with some knew knowledge, a change in the content, or do some parts of the course where some more in-depth material is required is added . LMS provides ease of distribution of the course content which is just uploaded by the users in the LMS. It is an ever-improving technology, new rules and regulations, increased student demands, and a changing workforce are all factors that create an environment where professors must efficiently and effectively deliver and manage learning experiences for their students. These experiences are easily accessible and easily traceable. Evidence of Success: Centralized Learning Environment has Ensured Consistency: The LMS ensures consistency in delivery and evaluation since each user sees the exact same material in the exact same manner and can be evaluated through common pre-testing and/or post-testing methods. An LMS allows users to easily design and deploy customized courseware. This feature is especially important when hard topics are in for exams, previous years materials to be made available, or keeping track of students progress is significant. This feature also applies to updates to circulars and new rules. Students can no longer say, ?no one told me that…? or ?no one ever gave it to me…? and make education very transparent. Tracking and Reporting for Enhanced Performance: The LMS allows students to view all required learning paths, track progress against the learning path, review records of examinations and attendance, and ask doubts online. Teachers can offer this material through various media including instructor-led videos, slide shows, or video conferencing. Institution can access the same records of success and can also analyze the records data to determine areas of success and areas for needed improvement. Immediate Capabilities Evaluation: The LMS allows

users to be evaluated prior to taking an assignment, while participating in the course, and upon topic completion. Teachers can evaluate retention by periodically administering scheduled assessments via the LMS. They can review the records of the results to determine success levels and the actual time taken to complete each course and its components. Apart from the above, the student usage of this facility is also measured for its effectiveness Continuous Product and Service Proficiency for Employees who Interact with Customers and Clients The LMS provides a central point for the institution to change information, specifications, requirements, forms, and to allow easy uploading of new content or assignments. Students will access the same training courses and the same evaluation materials. Teachers set predetermined course completion dates and monitor the number of students downloading the course at any given point in time. The LMS also allows teachers to administer updates and evaluations online and assess knowledge levels and abilities. Obstacles faced if any and strategies adopted to overcome them: Modern and technically LMSs provide pre-built templates for content creation, extensions, and customization.LMSs should ensure customization of courses to organizational needs. It should provide provision to build in-house courses using the LMS tools and features. Having a tailor-made solution may provide a good way to enhance overall performance. Other obstacles faced are technical problems,obstacles with scaling, security issues. Resources Required : A computer with any operating system which has a browser Internet connectivity with a minimum speed of 128 kbps. One server with basic features Software-Visual basic run time Manpower (for power point preparation) BEST PRACTICES 2: Title of the practice: Teledentistry Intiation of the practice: The COVID-19 pandemic has challenged the existing healthcare systems across the globe.Ensuing this, the impact on the provision of dental care has been profound, with routine care restricted. As a dental institution Chettinad dental college and hospital comprehends the importance of providing routine dental care to patients during the current pandemic. If routine dental care was suspended, one could anticipate progression of undiagnosed oral disease. The natural progression of oral diseases is inevitable without professional diagnosis and management. The institution wanted to provide best possible dental care for the patients, but at the same time, appreciate the possible risk of virus transmission to the dental team and the public. Hence, the institiution obliged to reorganize dental practice and innovate to continue dental care with minimal risk of crossinfection.Teledentistry can provide an innovative solution to continue dental practice during the current pandemic. Objective of Practice: Teledentistry is the remote facilitating of dental care, guidance, education or treatment via the use of information technology rather than directly confronting the patient. Teledentistry satisfies the need for social distancing as has been advocated by the health authorities to contain the spread of SARS-COV-2 virus. Teledentistry can be offers a wide range of applications such as remote triaging of the suspected COVID-19 patients for dental treatment and decreasing the unnecessary exposure of healthy or uninfected patients. Obstacles faced if any and strategies adopted to overcome them: 1. Lack of face-to-face communication lead to perturbation of patients regarding inadequacy of proper communication of their problems to their dentists. It is a known fact that patient acceptance is the key to success of any module. These challenges will take time to overcome, even if not fully replace, at least teledentistry can complement the existing compromised dental system during the current pandemic. 2. The lack of acceptance of teledentistry by the dentists can be attributed to the fact that they may find it complex and maybe resistant to new skills as it is technologically challenged, requiring adequate training, technical support and expertise. These challenges are overcome by framing a proper guidelines, coordination between remote and core center, adequate training given to all dentist and educated about this technology, which will increase the acceptance of teledentistry. During the

current pandemic, the dental curriculum is updated regarding infection control measures, teledentistry is routinely taught as a solution for prevention of infection transmission. Practice: Dental consulation in the form of teleconsultation in chettinad dental college and research institute in which patients seeks consultation from dental specialists using telecommunication. Telediagnosis is done by the use of technology to exchange images and data to make a diagnosis of an oral lesion. The use of smartphones for detection of dental caries is usually advocated. It has also served as a reliable adjunct for screening of oral potentially malignant lesions. As most of the oral lesion are often directly evident telediagnosis can be made by dental photography thus reducing the need of close clinical examination. Teletriage involves the safe, appropriate and timely disposition of patient symptoms via smartphone by specialists. It has been used for remote assessment and prioritize those requiring dental care without unnecessary travel regardless of socio-economic and geographical difficulties in many places. The use of telemonitoring can replace the frequent physical visits by virtual visits for regular monitoring of treatment outcomes and disease progression. Impact of the practice: Teledentistry holds the prospects to attend the treatment needs of the patients without confrontation. Teledentistry helps in patient education by influencing patient behavior and producing the changes in knowledge, attitudes and skills necessary to maintain or improve dental health. Teledentistry has changed the outlook of dentistry and never has it gained a stronger foothold in the practice as it probably holds during these times. New approaches such as Teledentistry will help dentists assist patients without adding the risk of cross infection. This recent state of affairs obligates the need to strike a balance between the safety of the healthcare professionals yet providing optimum dental care to the patients requiring emergency intervention. Resources Required: Teledentistry system consists of – a computer with substantial hard drive memory, adequate RAM, and a speedy processor A fax machine, a scanner, and a printer may also be required To enable live videoconferencing, standalone IP/ISDN videoconferencing solution, or install a PCI codec board into the system. If a live group session is desired, a multipoint control unit that bridges three or more parties is required. The codec must be able to accommodate audio and visual functions.

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/cdcri/NAAC/Best-Practices-2019-20.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 Chettinad Dental College Research Institute attempted to utilise ingenious ideas of the students into a feasible research project so as to surge the fact finding abilities of the learners. This was done through Innovation Corner, which invited research hypothesis/ creative questions from both under graduate and post graduate students. The projects were reviewed by an expert panel which consisted of expert teachers from within and outside the college. Some of the investigative queries raised were pertaining to day to day usage of common products, like usage of ladies finger (okra), mushroom extract for treatment of oral ulcers, usage of coconut oil as hand disinfectant. Usage of Artificial intelligence in detecting proximal caries, detection of early dysplastic changes through bio-electrics, usage of memory polymer in malocclusion treatment were all more pertaining to advances in dental research. Research was not only for patients but also to general public. Some of which include effectiveness of warning labels in tobacco cessation, patient record maintenance through Arogya app, usage of smart phone

for counselling in smokers. The institution has MOU with CARE (Chettinad Academy of Research and Education). Instrumentation facilities for biomedical research, genomics, bioinformatics, cell culture, nanotechnology and many more are all available. This has increased the research potential of the institution across all the branches of dentistry.

Provide the weblink of the institution
http://chettinaddental.edu.in/cdcri/NAAC/Institutional-Distinctiveness-2019-20.pdf

8.Future Plans of Actions for Next Academic Year

1.To conduct more value added courses and add-on courses for the students to enhance employability. 2.Stepping up academic facilities and faculty resources 3.Including stakeholder feedbacks by sending the students for market / Industry internships. 4.Adopting the technological upgradation for existing treatment and training faculty and students matching the requirements of employment market. 5.International curriculum incorporation meeting the demands for employability in the international arcade.