YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Narayana Dental College and Hospital
• Name of the Head of the institution	Dr. B. Ajay Reginald
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08612305137
• Alternate phone No.	08612313841
• Mobile No. (Principal)	9490166043
• Registered e-mail ID (Principal)	ndcprincipal@narayanadentalcollege.com

• Alternate Email ID	**ajayr@narayanagroup.com**
• Address	**Chinthareddypalem, Nellore- 524 003, Andhra Pradesh**
• City/Town	**Nellore**
• State/UT	**Andhra Pradesh**
• Pin Code	**524003**

2.Institutional status

• Affiliated / Constitution Colleges	**Affiliated**
• Type of Institution	**Co-education**
• Location	**Semi-Urban**
• Financial Status	**Private**
• Name of the Affiliating University	**Dr. NTR University of Health Sciences**
• Name of the IQAC Co-ordinator/Director	**Dr. N. Sivakumar**
• Phone No.	**08612313841**
• Alternate phone No.(IQAC)	
• Mobile No:	**9441624429**
• IQAC e-mail ID	**ndcnaac@gmail.com**

• Alternate e-mail address (IQAC)	
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.narayanadentalcollege.com/naac/Annual-Quality-Assurance-Report-(AQAR)-2019-20.pdf
4.Was the Academic Calendar prepared for that year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.13	2016	25/05/2016	24/05/2021

6.Date of Establishment of IQAC	18/03/2015

7.Provide the list of funds by Central/ State Government-UGC/ICSSR/ IUCTE/CSIR/DST/DBT/CPE of UGC/PMMMNMTT etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Pediatric and Preventive Dentistry	UGSTS	Dr NTR UHS	Nil	Nil
Public Health Dentistry	UGSTS	Dr NTR UHS	17/06/2021	Nil

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
• Upload latest notification of formation of IQAC	No File Uploaded
9.No. of IQAC meetings held during the year	3
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes

• (Please upload, minutes of meetings and action taken report)	**View File**

10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
• If yes, mention the amount	**No**

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

Institution Innovation Council – Started the IIC to help incubate ideas and translate them into research

Unnat Bharath Abhiyan – To adopt a rural community and provide social and behavior change communication skills

Promoting Students to take part at the National level in NSS programs

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year (web link may be provided).

Plan of Action	Achievements/Outcomes
Establish a Dental Education Unit	**Started the Dental Education Unit which supports in enhancing quality of teaching by conducting FDP and**
SOP for COVID19 in the Dental Clinic	**Standard Operating Procedures were adopted to provide a safe environment for students and faculty working on patients, without compromising on quality treatment**

13. Whether the AQAR was placed before statutory body?	**No**
• Name of the statutory body	

Name	Date of meeting(s)
nil	**Nil**

14.Does the Institution have Management Information System?	Yes

- If yes, give a brief description and a list of modules currently operational

Hospital Management System: Hospital Management system, is an integrated information system designed to manage the administrative, financial and clinical aspects of a hospital. The case records of the patients are entered in electronic case sheets in real time and can be retrieved at any point. 1) Student Information System is a management information system for education establishments to manage student data. Student Information Systems (often abbreviated as SIS systems) provides capabilities for entering the results of student test and other assessment scores, build student schedules, track student attendance, and manage many other student related data needs in a college. The data with regard to attendance and performance of the child is available to the parent through our portal. 2)Inventory Management System Inventory Module Deals with stock related data which includes a)Stock in department and sub store as well as the warehouse. b) Issues from warehouse to sub store Sub store to department. c) Consumption in Department. d)Purchases in the warehouse for monthly buffer stock and based on department requisitions. e) All requisitions and purchases are processed after approval from respective in charges. Materials can be transferred from one department to other. f) Requisitions raised by the department can be tracked online. 3)Bio Attendance Management System: The attendance of both the staff and the students are marked through the Facial Id Biometric system.It allows us to capture the real time attendance that is used for payroll system. Parents have up to date information about the child's attendance. 4)Library Management System : Library Management system is a heavily depended by the Health Sciences professionals for access to varied information resources to make intelligent and informed choices for education, patient care management and research protocols.The library management system provides all the necessary information about all the books for ease of availability and retrieval. 5)ELearning : The Dental Education Unit consisting of the e-Learning development team constantly works with the creation of the e-Learning material. Teachers create new approaches to learning, with great creativity and expressivity.

Extended Profile

2.Student

2.1	598

Total number of students during the year:	
File Description	**Documents**
Data Template	No File Uploaded

2.2

Number of outgoing / final year students during the year:

90

File Description	**Documents**
Data Template	No File Uploaded

2.3

Number of first year students admitted during the year

100

File Description	**Documents**
Data Template	No File Uploaded

4.Institution

4.1

Total expenditure, excluding salary, during the year (INR in Lakhs):

77106692

File Description	**Documents**
Data Template	No File Uploaded

5.Teacher

5.1

Number of full-time teachers during the year:

101

File Description	**Documents**
Data Template	No File Uploaded

5.2	22
Number of sanctioned posts for the year:	

File Description	Documents
Data Template	No File Uploaded

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum planning, delivery and evaluation through a well defined process as prescribed by the respective regulatory councils and the affiliating University.

1. Curriculum Design and Development

Narayana Dental College is committed to provide distinctive learning environment and skills for betterunderstanding and outcome-based curriculum.Our teaching methods and clinical training with an insight into ever changing technologies ensures students to become competent professionals to meet the challenges intheir future career.The academic calendar for both UG & PG is prepared in due consultations with the Principal,Academic Dean and Department Heads at the beginning of the academic year which summarize the important dates like start and end of the academic year, time table for theory classes, Clinical & Preclinical postings, Weekly & Internal examination schedule.

The faculty members are required to comprehensively assess the students over the academic calendar with an alignment towards program outcomes. The students are evaluated through classroom performance, evaluation of clinical skill, assignments and internal assessment exams. The tests and assignments are mapped with the course outcomes.

Along with traditional teaching methods emphasis is given for Problem based learning &Case based learning.The institute in concurrence with faculty members adopts various policies to bridge theknowledge gap between weak students and advanced learners.

File Description	Documents
Minutes of the meeting of the college curriculum	https://www.narayanadentalcollege.com/naac/Criteria/C-

committee	[I/1.1.1.pdf](I/1.1.1.pdf)
Any other relevant information.	Nil

1.1.2 - Number of fulltime teachers participating in BoS /Academic Council of Universities during the year. (Restrict data to BoS /Academic Council only)

Nil

File Description	Documents
Details of participation of teachers in various bodies(Data Template)	**View File**
Scanned copies of the letters supporting the participation of teachers	**View File**
Any other relevant information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of inter-disciplinary / inter-departmental courses /training across all the Programmes offered by the College during the year

1.2.1.1 - Number of courses offered across all programmes during the year

0

File Description	Documents
List of Interdisciplinary /interdepartmental courses /training across all the programmes offered by the College during the year	No File Uploaded
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	No File Uploaded
Any other relevant information	No File Uploaded

1.2.2 - Number of students enrolled in subject-related Certificate/ Diploma / Add-on courses as against the total number of students during the year

0

File Description	Documents
Details of the students enrolled in subject-related	**No File Uploaded**
Certificate/Diploma/Add-on courses	**No File Uploaded**
Any other relevant information	**No File Uploaded**

1.3 - Curriculum Enrichment

1.3.1 - The Institution integrates cross-cutting issues relevant to gender, environment and sustainability, human values, health determinants, Right to Health and emerging demographic issues and Professional Ethics into the Curriculum as prescribed by the University / respective regulative councils

Narayana Dental College puts a great emphasis on cross cutting issues like gender, environment and sustainability, human values and professional ethics. SHE committee and Women's committee regularly interact with students to emphasize on gender issues. Guest lectures by eminent personalities try to examine women's position in society from diverse feminist theoretical frameworks and understand approaches and strategies required to develop process of reflection and rethinking on equity for women.

Small talks by resource persons on Ecology, Environment and Sustainable Development examines interrelationships of resource use, economics, politics and their impact on the environment, environmental issues and their development at the local, regional and global level; issues in environmental economics and natural resource economics.

Although Medical ethics is a part of university syllabus, students must be made to understand the value of ethical practice and importance of Professional Ethics. This focuses on sourcing values, accountability and responsibility very early in their careers.

File Description	Documents
List of courses with their descriptions	**document annexed**
Any other relevant information	**Nil**

1.3.2 - Number of value-added courses offered during the year that impart transferable and life skills

0

File Description	Documents

Number of value-added courses offered during the year that impart transferable and life sk	**No File Uploaded**
List of-value added courses (Data template)	**No File Uploaded**
Any other relevant information	**No File Uploaded**

1.3.3 - Number of students enrolled in the value-added courses during the year

0

File Description	Documents
List of students enrolled in value-added courses (Data template)	**No File Uploaded**
Any other relevant information	**No File Uploaded**

1.3.4 - Number of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings (data for the academic year)

0

File Description	Documents
Any other relevant information	**No File Uploaded**
List of programmes and number of students undertaking field visits/internships/research projects/industry visits/community postings (Data template)	**No File Uploaded**
Total number of students in the Institution	**No File Uploaded**

1.4 - Feedback System

1.4.1 - Mechanism is in place for obtaining structured feedback on curricula/syllabi from various stakeholders Students Teachers Employers Alumni Professionals	**A. All 4 of the above**

File Description	Documents
Stakeholder feedback reports as stated in the minutes of meetings of the College Council /IQAC/ Curriculum Committee	**View File**
URL for feedback report	**Nil**

Data template	**View File**
Any other relevant information	**No File Uploaded**

1.4.2 - Feedback on curricula and syllabi obtained from stakeholders is processed in terms of: Options (Opt any one that is applicable): Feedback collected, analyzed and action taken on feedback besides such documents made available on the institutional website Feedback collected, analyzed and action has been taken Feedback collected unanalyzed Feedback collected E. Feedback not collected	**B. Any 3 of the Above**

File Description	Documents
URL for stakeholder feedback report	**Nil**
Action taken report of the Institution on the feedback report as stated in the minutes of meetings of the College Council/IQAC	**No File Uploaded**
Any other relevant information	**No File Uploaded**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories during the admission process.

2.1.1.1 - Number of seats filled against seats reserved for various categories as per applicable reservation policy during the year

63

File Description	Documents
Copy of letter issued by State Govt. or and Central Government (which-ever applicable) Indicating there served categories to be considered as per the GO rule (translated in English)	**View File**
Final admission list published by the HEI	**View File**

Admission extract submitted to the state OBC, SC and ST cell every year.	**No File Uploaded**
Annual Report/ BOM report/ Admission report duly certified by the Head of the Institution	**View File**
Information as per data template	**View File**
Any other relevant information	**No File Uploaded**

2.1.2 - Number of seats filled in for the various programmes as against the approved intake

File Description	Documents
Relevant details certified by the Head of the Institution clearly mentioning the programs that are not covered under CET and the number of applications received for the same	**View File**
Any other relevant information	**No File Uploaded**
Data template	**View File**

2.1.3 - Number of Students enrolled demonstrates a national spread and includes students from other states

2.1.3.1 - Number of students from other states; during the year

01

File Description	Documents
Total number of students enrolled in th	**View File**
E-copies of admission letters of the students enrolled from other states	**View File**
Institutional data in prescribed format (Data template)	**View File**
Any other relevant information	**No File Uploaded**

2.2 - Catering to Student Diversity

2.2.1 - The Institution assesses the learning levels of the students, after admission and organizes special Programmes for advanced learners and slow performers The Institution: Follows measurable criteria to identify

slow performers Follows measurable criteria to identify
advanced learners Organizes special programmes for slow
performers Follows protocol to measure student
achievement

File Description	Documents
Any other relevant information	**No File Uploaded**
Criteria to identify slow performers and advanced learners and assessment methodology	**View File**
Details of special programmes for slow performers and advanced Learners	**View File**
Student participation details and outcome records	**View File**

2.2.2 - Student - Fulltime teacher ratio (data for the academic year)

Number of Students	Number of Full Time Teachers
598	**101**

File Description	Documents
List of students enrolled in the preceding academic year	**View File**
List of full time teachers in the preceding academic year in the college	**View File**
Institutional data in prescribed format (data templates)	**View File**
Any other relevant information	**No File Uploaded**

2.2.3 - Institution facilitates building and sustenance of innate talent /aptitude of individual students (extramural activities/beyond the classroom activities such as student clubs, cultural societies, etc)

The main focus of the institution is on academics, but at the same time, due importance is given to extra-curricular activities as well as both indoor and outdoor sports activities. The college has a Co-curricular Activity Committee, which ensures that the students of the college participate in academic, sports and cultural activities inside as well as outside the college campus. Various national and state-level championships were participated in and were won.

Students participate in a variety of indoor and outdoor games inside the college campus, such as Table Tennis, Football, Cricket and Badminton for which the college provides

designated play areas and courts for these games. The college organises "Sports Week" and "Cultural Week" annually, in which all students and faculty are encouraged to participate whole-heartedly. The college also has a well-maintained Gymnasium with a trained gym trainer. Students and faculties are free to use the facilities to increase their physical fitness. The students are also provided with proper training in yoga through an eminent Yoga trainer on the college premises so to alleviate stress, improve physical and psychological fitness and reduce conflict. The development of a student as a whole is one of the principles of the institution, and the entire academic, sports and others enable one to attain all dimensions of personal, social, intellectual, emotional, physical and psychological development.

File Description	Documents
Appropriate documentary evidence	The main focus of the institution is on academics, but at the same time, due importance is given to extra-curricular activities as well as both indoor and outdoor sports activities. The college has a Co-curricular Activity Committee, which ensures that the students of the college participate in academic, sports and cultural activities inside as well as outside the college campus. Various national and state-level championships were participated in and were won. Students participate in a variety of indoor and outdoor games inside the college campus, such as Table Tennis, Football, Cricket and Badminton for which the college provides designated play areas and courts for these games. The college organises "Sports Week" and "Cultural Week" annually, in which all students and faculty are encouraged to participate whole-heartedly. The college also has a well-maintained Gymnasium with a trained gym trainer. Students and faculties are free to use the facilities to increase their physical fitness. The students are also provided with proper training in yoga through an eminent Yoga trainer on the college premises so to alleviate stress, improve physical and psychological fitness and reduce conflict. The development of a student as a whole is one of the principles of the institution, and the entire academic, sports and others enable one to attain all dimensions of personal, social, intellectual, emotional, physical and psychological development.
Any other relevant information	Nil

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods are used for enhancing learning experiences by: Experiential learning Integrated/inter disciplinary learning Participatory learning Problem solving methodologies Self-directed learning Patient-Centric and Evidence-Based Learning Learning in the Humanities Project-based learning Role play

Student-centric methods, such asexperiential learning, participative learning and problem-solving methodologiesare adapted by our college staff for enhancing the learning experiences.Prior well defined SOPs (Standard operating procedure) with all details of the topic covered are handed over to the students. Thus the students know in advance, the topics that will be covered and the method of teaching that will be adapted for that topic and also the type of assessment they have to take.

In Participatory learning, the learners are involved as actively in the learning process as possible. The lesson/ chapter is divided into small topics and the students are asked to make a presentation under the supervision of the staff. Doubts if any are solved immediately actively involving the learner. This type of teaching makes the learner actively participate making the learning process easier and also enjoyable.

In Experiential Learning, students learn by doing. Problem-based learning triggers the mind of the students to think differently and helps in analytical thinking. Other methods like patient-centric and evidence-based learning are also adopted at the department level.

File Description	Documents
Learning environment facilities with geo tagged photographs	**View File**
Any other relevant information	No File Uploaded

2.3.2 - Institution facilitates the use of Clinical Skills Laboratory / Simulation Based Learning The Institution: Has Basic Clinical Skills / Simulation Training Models and Trainers for skills in the relevant disciplines. Has advanced simulators for simulation-based training Has structured programs for training and assessment of students in Clinical Skills Lab / Simulation based learning. Conducts training programs for the faculty in the use of clinical skills lab and simulation methods of teaching-learning	B. Any 3 of the Above

File Description	Documents

List of clinical skills models	**View File**
Geo tagged photographs of clinical skills lab and simulation centre	**View File**
List of training programmes conducted in the facilities during the year	**View File**
Any other relevant information	**No File Uploaded**

2.3.3 - Teachers use ICT-enabled tools for effective teaching and learning process including online e-resources

All the faculties of the institution use ICT-enabled tools for the effective teaching and learning process. These include online study materials and e-resources. Delivery of knowledge is done by using the whiteboard, PowerPoint presentations and 3D models. Wi-Fi facility is provided for free to all teachers as well as students. All lecture halls are enabled with smart boards, computers, internet and audiovisual aids for effective learning of students. All clinical departments have individual seminar halls with AV projectors. All teaching faculty of the college are well trained in the use of ICT-enabled tools. Clinical procedures are taught to students with the help of various e-learning sources and through animated as well as clinical videos. Special surgical procedures which are done in the clinical departments are streamed live to the lecture halls for learning about recent advances in the particular topic. Regular monitoring and feedback of all such activities are taken and amendments are made for future programs

File Description	Documents
Details of ICT-enabled tools used for teaching and learning	**https://www.narayanadentalcollege.com/naac/Criteria/C-II/2.3.3%20a.pdf**
List of teachers using ICT-enabled tools (including LMS)	**https://www.narayanadentalcollege.com/naac/Criteria/C-II/2.3.3%20b.pdf**
Webpage describing the "LMS/ Academic Management System"	**http://115.241.194.4/libraryinformationsystem/**
Any other relevant information	**Nil**

2.3.4 - Student :Mentor Ratio (preceding academic year)

Number of Mentors	Number of Students
Nil	**Nil**

File Description	Documents
Details of fulltime teachers/other recognized mentors and students	**View File**
Any other relevant information	**View File**

2.3.5 - The teaching learning process of the institution nurtures creativity, analytical skills and innovation among students

We have a facility called the Translational research centre, which caters for research, local industry and academic needs. The innovative teaching approaches are encouraged by the head of the institution and the head of the departments. The innovative posters and three-dimensional models are made by the students under the guidance of faculty and used for teaching students and the public. For better focusing and understanding, the lecture classes are timed up to 45 minutes and micro-teaching is more promoted in the respective department, thus the students can understand and learn the subject easily and effectively. The preclinical students are unaware of the reasons for learning basic subjects and feel its tedium. To ease this situation, they are permitted to visit clinical departments in small batches and acquaint themselves with clinical procedures, the basics of which they are learning in the preclinical years. Students are taught beyond the syllabus. They present clinical innovations at scientific conferences. The students are encouraged by the faculty to participate in debates on controversial topics. The Institutional Review Board and Institutional Ethics Committee scrutinise all projects conducted in the institution. All students present their scientific presentations to be presented in conferences before the Institutional Review Board; this process ensures the high standard and quality of the same. Students are guided to take up short projects in the central research laboratory which is well monitored by the department faculty as well as by the research centre. Students are guided to use ICT facilities to present seminars and do journal discussions in the departments. Students are encouraged to participate and present at state, national and international conferences to present scientific papers and posters under the guidance of faculty members. Students under the guidance of faculty also publish scientific papers in national and international scientific journals. Students are trained in various public health-related aspects like tobacco cessation, patient counselling and other motivation skills through the various speciality cells functioning in the institution. Students are encouraged and guided to design and delivery public awareness and education posters and models related to various topics on the occasions of No-Tobacco Day, World AIDS Day, Oral Hygiene Day, Dentist Day, and so on.

File Description	Documents
Appropriate documentary	**https://www.narayanadentalcollege.com/naac/Criteria/C-**

evidence	II/2.3.5.pdf
Any other relevant information	Nil

2.4 - Teacher Profile and Quality

2.4.1 - Number of fulltime teachers against sanctioned posts during the year

22

File Description	Documents
Any other relevant information	No File Uploaded
List of fulltime teachers and sanctioned posts for year certified by the Head of the Institution (Data template)	View File
Sanction letters indicating number of posts (including Management sanctioned posts) by competent authority (in English/ translated in English)	View File

2.4.2 - Number of fulltime teachers with Ph.D./D.Sc./D.Lit./ DM/M Ch/DNB in super specialities /other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils during the year

2.4.2.1 - Number of fulltime teachers with Ph.D/ D.Sc./ D.Lit./DM/ M Ch/ DNB in super specialities / other PG degrees in Health Sciences (like MD/ MS/ MDS etc.,) for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. During the year data to be entered

19

File Description	Documents
List of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees in Health Sciences (like MD/ MS/ MDS etc.,) for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils /Affiliating Universities and the number of fulltime teachers for the year	View File
Copies of Guide-ship letters or authorization of research guide provided by the university	View File
Any other relevant information	No File Uploaded

2.4.3 - Total Teaching experience of fulltime teachers in number of years (data for the academic year)

101

File Description	Documents
List of teachers including their designation, qualifications, department and number of years of teaching experience (Data Template)	**View File**
Any other relevant information	**No File Uploaded**

2.4.4 - Number of teachers trained for development and delivery of e-content / e-courses during the year

101

File Description	Documents
Reports of the e-training programmes	**View File**
e-contents / e-courses developed	**View File**
Year –wise list of full time teachers trained during the year	**No File Uploaded**
Certificate of completion of training for development of and delivery of econtents / e-courses / Video lectures / demonstrations	**View File**
Web-link to the contents delivered by the faculty hosted in the HEI's website	**No File Uploaded**
Any other relevant information	**No File Uploaded**

2.4.5 - Number of fulltime teachers who received awards and recognitions for excellence in teaching, student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / academies during the year

Nil

File Description	Documents
Institutional data in the prescribed format/ Data template	**View File**

e-copies of award letters (scanned or softcopy)	**View File**
Any other relevant information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

2.5.1 - The Institution adheres to the academic calendar for the conduct of Continuous Internal Evaluation and ensures that it is robust and transparent

For any teaching or learning process evaluation is key. The idea behind evaluation is to provide a feed back to the student about the learning process and so also a feedback to the teacher about their reach to the student.

The academic calendar is drawn at the beginning of the academic year and constitutes the micro schedule of the syllabus, the course objective and outcomes and the methods used in valuation. The schedule is shared with students which allows them to be prepared ahead of time. The Internal evaluation ranges from a random question during a class to a more structured method of assessment.

On a general level, weekly examination (as per the schedule) in a particular subject are held pertaining to the topics that have been taught during the aforesaid period. Every quarter a cumulative assessment is made based on the university pattern. The answer sheets are evaluated by the subject experts and discussed with the students. During this process of evaluation, various learners are identified and categorized as advanced, moderate and slow learners.

On a more specific level, especially for clinical evaluation, OSCE and OSPE are used, which assesses the learning outcomes of the student. Predetermined evaluation methods ae used to evaluate different clinical or laboratory procedures. The Minute paper - the students are asked to write down the salient features of the concluded class and if any lacunae persists which helps in analyzing the depth of knowledge gained during the class.

Similarly, in the unclear test the students are asked to write the most unclear or confusing part of the topic, which helps the teacher in identifying the problem area and modifying the teaching method used.

Problem based assessment is used to assess the analytical skills and problem solving ability of the students individually and as a team. This helps asses a student's ability to think independently and also to work as a team.

Continuous internal evaluation helps guide the teacher in fine-tuning their teaching strategies to better meet student needs. The purpose of Continuous internal evaluation is informed to the students, and the information gained is shared with them and appropriate changes are brought about to help teaching and learning a more effective process.

All evaluation methods are validated by the subject experts and approved by the academic council.

File Description	Documents
Academic calendar	https://www.narayanadentalcollege.com/pdf/ACADEMIC%20CALENDER%202020-21.pdf
Dates of conduct of internal assessment examinations	https://www.narayanadentalcollege.com/naac/Criteria/C-II/2.5.1%20b%20EXAM%20SCHEDULE.pdf
Any other relevant information	Nil

2.5.2 - Mechanism to deal with examination-related grievances is transparent, time-bound and efficient. Provide a description on Grievance redressal mechanism with reference to continuous internal evaluation, matters relating to University examination for submission of appeals, providing access to answer scripts, provision of re-totaling and provision for reassessment within 100 - 200 words

Exam and Result Analysis Committee headed by Principal is dealing with Exam related issues including grievances. We conduct 3 types of examinations like weekly tests, Internal assessments and university level examinations. Usually, weekly tests are objective type. Internal assessments and university exams have prescribed formats by the university. Internal assessment marks are very important as they carry some weightage in overall marks. We follow the academic calendar of the university. While conducting the exams, we follow utmost transparency and time-bound methods. A prior intimation of schedules will be displayed in the notice boards and information will be conveyed to parents also. Best of the 3 considered for Internal assessment marks. If a student wants to write an internal assessment for another time, he/she has to represent the committee. Merits of his/her application are considered after thorough discussion. New question papers will be prepared for those candidates. The grievances of the students regarding assessment are made clear by showing his/her performance in the answer sheet. The corrected answer scripts at random are verified by HOD to ensure the standard evaluation process. Concerning university exams, if the student scores fewer marks than expected, he/she can apply for recounting of his/her answer script after paying the prescribed fee. University is not allowing revaluation as

University exam evaluation is done through an online system by two evaluators. If there were 10 marks difference between two evaluators, that answer sheet automatically attracts the third evaluation, which is considered final. Exam related Grievances will be attended at the department level by HOD, at the college level by the Convenor of "Exam and Result Analysis Committee" and Principal and at the university level by Controller of examinations.

File Description	Documents
Details of University examinations / Continuous Internal Evaluations (CIE) conducted during the last year	**View File**
Number of grievances regarding University examinations/ Internal Evaluation	**View File**
Any other relevant information	**No File Uploaded**

2.5.3 - Reforms in the process and procedure in the conduct of evaluation/examination; including the automation of the examination system. Describe the reforms implemented in internal evaluation/ examinations with reference to the following within 100 - 200 words Examination procedures Processes integrating IT Continuous internal assessment system Competency-based assessment Workplace-based assessment Self assessment OSCE/OSPE

The university collects information and requirements of affiliated colleges in view of up-gradation and automation in conducting the examination and evaluation. In that path, the university has implemented an IT network to set up evaluation centres in affiliated colleges. We take pride to possess one such centre in our college, for the exam evaluation requirements of the university and college level. This IT integration was stupendously helpful in CORONA times as it caters to academic content delivery and exam evaluation. Our college has also developed an Exam conducting web application (MOODLES), which can be easily accessed by students and faculty. This software became very handy to conduct various assessments. We also have dedicated paid versions of video hosting platforms. These platforms became the backbone of our institution in Corona times. Many theory classes and Doubt clearing sessions were made with the help of these video platforms.

A competency-based assessment process to measure the competency for a skill is adapted by the following measures:

1) self-assessment

2) reviewing of the skills by the faculty

3) Identifying the development needs of students by interaction

4) upgrading and hands-on training of skills

5) reassessment.

We follow Work-based assessments with help of daily logbooks, clinical cases recording and discussion about clinical cases. This leads to continuous up-gradation of skill sets.

The objective structured clinical examination (OSCE) and objective structured practical examination (OSPE) methods of objectively testing the clinical and practical knowledge and skills acquired during the curriculum are also adapted. They are tailored according to the needs of various departments and clinical scenarios.

File Description	Documents
Information on examination reforms	**Nil**
Any other relevant information	**Nil**

2.5.4 - The Institution provides opportunities to students for midcourse improvement of performance through specific interventions. Opportunities provided to students for midcourse improvement of performance through: Timely administration of CIE On time assessment and feedback Makeup assignments /tests Remedial teaching/ support	**A. All of the Above**

File Description	Documents
List of opportunities provided for the students for midcourse improvement of performance in the examinations	**View File**
Information as per Data template	**View File**
Policy document of midcourse improvement of performance of students	**View File**
Re-test and Answer sheets	**View File**
Any other relevant information	**No File Uploaded**

2.6 - Student Performance and Learning Outcomes

2.6.1 - The Institution has stated the learning outcomes (generic and programme-specific) and graduate attributes as per the provisions of the Regulatory bodies and the University; which are communicated to the students and teachers through the website and other documents

The academic calendar is displayed on the college website and handed over to the students. The syllabus and clinical learning quota are well informed to UG and PG students. Regular monitoring of department heads leads to the timely completion of clinical work by students. IQAC creates awareness regularly regarding the same. All mentors are focused on graduate attributes so that students don't miss the clinical learning, which is required in practice after completion of courses. Affiliation bodies clearly instruct institutions on what to be taughtatthe graduate level and postgraduate level. The departments ensure that theseprogram outcomes, program-specific outcomes and course outcomes are properly explained and made understood in the orientation programs. The course description includes the course syllabus, reference books, timetable, course objectives, course outcomes, daily teaching plan, delivery methodologies and assessment methods. Course description provides students with an insight on how classes are to be handled and expected outcomes from the students by learning through the topics prepared by the respective faculty members. The students are motivated as well as guided to think and indulge in self-study. Learning in the institution is in the form of demonstrations, small group discussions, seminars, clinical work and continuing education programs. We follow a well-designed plan, which can help to sail from the pre-clinical level to the clinical phase ina time-bound manner. Apart from this monthly monitoring of academics is done to assure knowledge dissemination as well as feedback of learning from students

File Description	Documents
Relevant documents pertaining to learning outcomes and graduate attributes	https://www.narayanadentalcollege.com/naac/Criteria/C-II/2.6.1%20a%20&%202.6.3%20a.pdf
Methods of the assessment of learning outcomes and graduate attributes	https://www.narayanadentalcollege.com/naac/Criteria/C-II/2.6.1%20b.pdf
Upload Course Outcomes for all courses (exemplars from Glossary)	Nil
Any other relevant information	Nil

2.6.2 - Incremental performance in Pass percentage of final year students in the year

File Description	Documents

List of Programmes and the number of students passed and appeared in the final year examination for the year	**View File**
Link for the annual report of examination results as placed before BoM/ Syndicate/ Governing Council for the year.	**View File**
Reports from Controller of Exam (COE) office/ Registrar evaluation mentioning the relevant details and the result analysis performed by the institution duly attested by the Head of the Institution	**View File**
Trend analysis for the last year in graphical form	**View File**
Data template	**View File**
Any other relevant information	**No File Uploaded**

2.6.3 - The teaching learning and assessment processes of the Institution are aligned with the stated learning outcomes. Provide details on how teaching learning and assessment processes are mapped to achieve the generic and program-specific learning outcomes (for each program) within 100 – 200 words

The teaching-learning outcomes and assessment processes are aligned with the below-stated outcomes. These skill sets are assessed by faculty at every department level in a systematic way by using evaluating sheets, logbooks, patient education content creation and feedback from patients and faculty

1. Perform all dental, medical, diagnostic, and surgical procedures considered essential for the area of practice

2. effective usage of electronic records

3. effectively interpret the lab data, lab work assessment and imaging data

4. Apply principles of epidemiological sciences to the identification of health problems, risk factors, treatment strategies, resources, and disease prevention/health promotion efforts for patients and populations

5. Participate in the education of patients, families, students, trainees, peers, and other health professionals

6. commitment towards ethical principles of practice and patient privacy

7. Critically analyzing capacity from existing literature

All the above enable and improve critical thinking, effective communication and social interaction among students. A feedback from stuents is also appreciated for improving the process to be student-friendly.

File Description	Documents
Programme-specific learning outcomes	https://www.narayanadentalcollege.com/naac/Criteria/C-II/2.6.1%20a%20&%202.6.3%20a.pdf
Any other relevant information	Nil

2.6.4 - Presence and periodicity of parent-teachers meetings, remedial measures undertaken and outcome analysis. Describe structured mechanism for parent-teachers meetings, follow-up action taken and outcome analysis within 100 - 200 words

The college office and student counsellors are constantly connected with parents. As and when parents visit the college, we discuss the student performance. We maintain the feedback records, which are collected from parents. The college principal focuses on slow learner group parents by discussing with respective Mentors periodically. Before the marks are sent to the exam cell from the departments, sufficient time will be provided for the students to individually visit the department and check their papers for any corrections or any other issues. If there are no issues raised by the students, the marks are forwarded to the office for record-keeping. The college has a well functioning exam grievance committee also. After every internal examination, marks are sent to parents.The parents, as well as their wards, are free to discuss any issues with the mentor /concerned staff. After each internal exam, slow learners are identified and extrafocus is given to them. Once the issues and problems are identified and understood, the students are empathetically taken care of. If required, counselling is given individually. Mentoring system in place ensures the identification of problems that a student faces that affect the academics and remedial measures are initiated to overcome the same. Extraclasses are conducted if there are any difficulties in learning the content. Before all university theory exams, revision classes are taken for a proper understanding of the topics.Before university practical exams, practice viva-voce is conducted which enables all students to excel in the exams. The outcome is assessed based on the student's performance in the remedial classes and also in the university exams. Feedback from the parents is also considered.

File Description	Documents

Proceedings of parent –teachers meetings held during the year	https://www.narayanadentalcollege.com/naac/Criteria/C-II/2.6.4%20parent-teacher%20meeting
Follow up reports on the action taken and outcome analysis.	Nil
Any other relevant information	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Online student satisfaction survey regarding teaching learning process

https://www.narayanadentalcollege.com/naac/Criteria/C-II/2.7.1%20SSS.pdf

File Description	Documents
Any other relevant information	No File Uploaded

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Number of teachers recognized as PG/ Ph.D research guides by the respective University during the year

19

File Description	Documents
Copies of Guide-ship letters or authorization of research guide provide by the university	View File
Information as per Data template	View File
Any other relevant information	No File Uploaded
List of full time teachers recognized as PG/ Ph.D guides during the year.	View File
List of full time teacher during the year.	View File

3.1.2 - Number of teachers awarded national /international fellowships / financial support for advanced studies/collaborative research and participation in conferences during the year

1

File Description	Documents

Fellowship award letter / grant letter from the funding agency	**View File**
List of teachers and their national/international fellowship details (Data templates)	**View File**
E-copies of the award letters of the teachers	**No File Uploaded**
Any other relevant information	**No File Uploaded**

3.1.3 - Number of research projects/clinical trials funded by government, industries and non-governmental agencies during the year

Number of Research Projects	Amount / Funds Received
3	**1520000**

File Description	Documents
List of research projects and funding details during the year (Data template)	**View File**
List of research projects and funding details during the year (Data template)	**View File**
Link for funding agencies websites	**https://msme.gov.in/, http://website.drntruhs.in/index.html**
Any other relevant information	**View File**

3.2 - Innovation Ecosystem

3.2.1 - The Institution has created an ecosystem for innovations including Incubation Centre and other initiatives for creation and transfer of knowledge. Describe the available Incubation Centre and evidence of its functioning (activities) within 100 - 200 words

As a part of Narayana Educational Society commitment towards carving an Innovation Ecosystem, an incubation center under the title "Narayana Translation Research and Incubation Centre" (NTIC) has been established for creation and transfer of knowledge. The faculty members and students are empowered to take up research activities in contemporary areas utilizing the existing facilities. The college has a Research Development and Sustenance Committee and Institutional Ethical Committee to monitor and address and monitor the quality and progress of research and development

The center provides conducive environment for research-and-technology-driven innovations. The key constituents of the ecosystem for innovations are:

- **Research**
- **Innovation**
- **Technology**
- **Industry**

Activities Envisaged

1. **To provide common facilities to incubate viz. office support, equipment support and technology support.**
2. **To give Training, counsel, guide and mentor for setting up of the enterprise**
3. **To provide support in documentation, publication and patenting of innovations.**
4. **Incubation center conducts entrepreneurship programs such as workshops, Seminars on Entrepreneurship, Financing etc.**

File Description	Documents
Details of the facilities and innovations made	**Nil**
Any other relevant information	**Nil**

3.2.2 - Number of workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good Clinical, Laboratory, Pharmacy and Collection practices, writing for Research Grants and Industry-Academia Collaborations during the year

0

File Description	Documents
List of workshops/seminars during the year(Data template)	**No File Uploaded**
Reports of the events	**No File Uploaded**
Any other relevant information	**No File Uploaded**

3.3 - Research Publications and Awards

3.3.1 - The Institution ensures implementation of its stated Code of Ethics for research. The Institution has a	**A. All of the Above**

stated Code of Ethics for research, the implementation of which is ensured by the following: There is an Institutional ethics committee which oversees the implementation of all research projects All the projects including student project work are subjected to the Institutional ethics committee clearance The Institution has plagiarism check software based on the Institutional policy Norms and guidelines for research ethics and publication guidelines are followed

File Description	Documents
Institutional Code of Ethics document	**View File**
Minutes of meetings of the committees with reference to the code of ethics	**View File**
Any other relevant information	**View File**

3.3.2 - Number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines received per recognized PG teachers* of the Institution during the year

3.3.2.1 - Number of Ph.D.s /DM/M Ch/PG degrees in the respective disciplines received per recognized PG teachers* of the Institution during the year

File Description	Documents
Any other relevant information	**No File Uploaded**
List of Ph.D.s /DM/MCh/PG degrees in the respective disciplines received during the year	**View File**
List of teachers recognized as guides during the year	**View File**
Information as per Data template	**View File**
Letter of PG guide recognition from competent authority	**View File**

3.3.3 - Number of papers published per teacher in the Journals notified on UGC -CARE list in the UGC website/Scopus/ Web of Science/ PubMed during the year

3.3.3.1 - Number of research papers published per teacher in the Journals notified on UGC website/Scopus/ Web of Science/ PubMed during the year

35

File Description	Documents
Number of research papers published per teacher in the Journals notified on UGC website/Scopus/ Web of Science/ PubMed during t	**View File**
Web-link provided by institution in the template which redirects to the journal webpage published in UGC notified list	**View File**
Information as per Data template	**View File**
Any other relevant information	**No File Uploaded**

3.3.4 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings indexed in UGCCARE list on the UGC website/ Scopus/ Web of Science/ PubMed/ during the year

4

File Description	Documents
List of books and chapters in edited volumes/books published with ISBN and ISSN number and papers in national/ international conference proceedings during the year	**View File**
Information as per Data template	**View File**
Any other relevant information	**No File Uploaded**

3.4 - Extension Activities

3.4.1 - Number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, the community, Government and NonGovernment organized bodies through NSS/NCC during the year

2

File Description	Documents
List of extension and outreach activities during the year (Data Template)	**View File**
List of students in NSS/NCC involved in the extension and outreach activities during the year	**View File**

Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated	**View File**
Any other relevant information	**No File Uploaded**

3.4.2 - Number of students participating in extension and outreach activities during the year

Nil

File Description	Documents
Reports of the events organized	**View File**
List of extension and outreach activities conducted with industry, community etc for the last year (Data template)	**View File**
List of students who participated in extension activities during the year	**View File**
Geotagged photographs of extension activities	**View File**

3.4.3 - Number of awards and recognitions received for extension and outreach activities from Government / other recognised bodies during the year. Describe the nature and basis of awards /recognitions received for extension and outreach activities of the Institutions from Government /other recognised bodies during the year within 100 - 200 words

The institution actively involves in many extension and outreach programs in collaboration with government, community and non government organizations. The number of activities in the present year is not organized due to COVID-19 Pandemic and no awards were received for the present year.

File Description	Documents
List of awards for extension activities in the year	**Nil**
e-copies of the award letters	**Nil**
Any other relevant information	**Nil**

3.4.4 - Institutional social responsibility activities in the neighbourhood community in terms of education, environmental

issues like Swachh Bharath, health and hygiene awareness and socio-economic development issues carried out by the students and staff during the year. Describe the impact of extension activities in sensitizing students to social issues and holistic development within 100 - 200 words

As a part of institutional social responsibility, we in the neighbourhood community organize many social responsible events like Swachh Bharath, Health and Hygiene awareness and Unnat Bharat Abhiyan programs. Many of students and staff actively participate and sensitize the neighbourhood community for the betterment of the society.

File Description	Documents
Details of Institutional social responsibility activities in the neighbourhood community during the year	Nil
Any other relevant information	Nil

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc. per year for the year

2

File Description	Documents
Certified copies of collaboration documents and exchange visits	**View File**
Any other relevant information	No File Uploaded
List of collaborative activities for research, faculty/student exchange etc. (Data template)	**View File**
Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated and amount generated	No File Uploaded

3.5.2 - Total number of Functional MoUs with Institutions/ Industries in India and abroad for academic, clinical training / internship, on-the job training, project work, student / faculty exchange, collaborative research programmes etc. during the year

4

File Description	Documents

List of functional MoUs for the year (Data Template)	**View File**
E-copies of the MoU's with institution/ industry/corporate house, Indicating the start date and completion date	**View File**
List of partnering Institutions/ Industries /research labs with contact details	**No File Uploaded**
Any other relevant information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc. Describe the adequacy of facilities for teaching-learning viz., classrooms, ICT-enabled classrooms, seminar halls, facilities for clinical learning, learning in the community, Teleconferences, AYUSH-related learning cum therapy centre, well-equipped laboratories, skills labs etc. as stipulated by the appropriate Regulatory bodies within 100 - 200words

Narayana Dental Collegehas adequate facilities, which are beyond the requirements of statutory bodies like Dental Council of India and Dr. NTR Health University. We have 9 seminar halls, 4 lecture halls, 2 staff conference rooms and 1 exam hall, which are air-conditioned. Class rooms are equipped with ICT tools. Exam hall has an internet facility to download the question papers, computer, high speed printer facilities with separate restrooms and storage room. Seminar halls are equipped with audio visual projectors and boards. Well equipped skill lab is present to enhance the clinical learning experience. We have a state of the art phantom head lab with capacity of 100 students to augment learning. We are sharing all the facilities of the medical college, which is located in the same campus. Those are like the Laminar flow Operation theatre complex, well equipped emergency department and Radiology department (3 tesla MRI and 124 slice CT). Dedicated Conference hosting business account present,which enables to host online classes.

File Description	Documents
List of available teaching-learning facilities such as Class rooms, Laboratories, ICT enabled facilities including Teleconference facilities etc., mentioned above	https://www.narayanadentalcollege.com/naac/Criteria/C-IV/4.1.1%20a%20Dental%20IT%20infrastructure2021%20end.pdf
Geo tagged photographs	https://www.narayanadentalcollege.com/naac/Criteria/C-

	IV/4.1.1%20b%20pics.pdf
Any other relevant information	Nil

4.1.2 - The Institution has adequate facilities to support physical and recreational requirements of students and staff - sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre, etc.) and for cultural activities. Describe the adequacy of facilities for sports, games and cultural activities including specification about area/size, year of establishment and user rate within 100 - 200 words

Realising the proven fact fiat "Health is Wealth" and "A Healthy mind lives in a healthy body" Narayana Dental College has taken all the necessary measures for providing good physical education to all its students.

As a first measure, a qualified Asst. professor in Physical Education has been appointed way back in the year 2004 and with an unbroken and active service of more than 17 years of Asst. Professor. J. Silvi Babu, Narayan Dental College has developed a sprawling Physical Education Department an extent of 16.35 acres. This department includes both Indoor and outdoor stadiums with international standards. Continual physical education training goes on in the department for both male and female students for maintaining robust health. The Department and stadiums are kept open from 6.30 am to 6.30 p.m for free access by the instructed students at their convenient time without any disturbance to their academic schedules.

The inmates of the hostels can utilize the services and facilities of the department right from 5.30 A.M in the morning and up to 8.30 P.M in the evening. Guidance and coaching in different sports and games are offered regularly. Motivation classes are also conducted for maintaining good physical and also participating in different games and sports events. Narayana Dental College had realized the fact that without proper infrastructure, the will to excel in physical education would remain distant. Hence, the college had developed a fitting infrastructure of track, Indoor and outdoor stadium with international standards. A fully equipped Gym has been established in the college campus and the coach is available in the Gym for guidance. The Gym is kept open from 5.30 A.M to 9.30 A.M In the Morning and from 4.30 P.M to 9.30 P.M in the Evening.

File Description	Documents
List of available sports and cultural facilities	https://www.narayanadentalcollege.com/naac/Criteria/C-IV/4.1.2%20A%20list%20of%20sports%20and%20culturals.pdf
Geo tagged photographs	https://www.narayanadentalcollege.com/naac/Criteria/C-

Any other relevant information	Nil

4.1.3 - Availability and adequacy of general campus facilities and overall ambience: Describe the availability and adequacy of campus facilities such as hostels, medical facilities, toilets, canteen, post office, bank, roads and signage, greenery, alternate sources of energy, STP, water purification plant, etc. (within 100 - 200 words)

1. CCTV surveillance

2. 24x7 security facility

3. Separate boys and girls hostel

4. Coffee shop

5. Canteen

6. 2 ATM machines

7. Post office

8. Solar power

9. RO water plant

10. Oxygen plant

11. Waste water sewage plant

12. Wifi facility

13. 24x7 pharmacy and emergency department

14. Auditorium

15. Gym

16. Tennis court

17. In house hostel mess

18. Laundry

19. Biomedical Workshop

20. Electricity back up facilities

21. Medicinal garden

22. Nursery

File Description	Documents
Photographs/ Geo tagging of Campus facilities	**https://www.narayanadentalcollege.com/naac/Criteria/C-IV/4.1.3.pdf**
Any other relevant information	**Nil**

4.1.4 - Number of expenditure incurred, excluding salary, for infrastructure development and augmentation during the year

3.45.00.000

File Description	Documents
Audited utilization statements (highlight relevant items)	**No File Uploaded**
Details of budget allocation, excluding salary during the year (Data template)	**View File**
Any other relevant information	**No File Uploaded**

4.2 - Clinical, Equipment and Laboratory Learning Resources

4.2.1 - Teaching Hospital, equipment, clinical teaching-learning and laboratory facilities as stipulated by the respective Regulatory Bodies. Describe the adequacy of the Teaching Hospital, equipment, clinical teachinglearning and laboratory facilities as stipulated by the respective Regulatory Bodies within 100 - 200 words

The infrastructural facilities available for training undergraduate and postgraduate students are in accordance with the regulations. Smart class rooms, CCTV surveillance, Inventory management software, biometric attendance facility, paperless hospital software, Library is equipped with library management software and separe journal stacking area. E

journal reading facility available. Photocopy and printing facilities are present. 25 bed ward is earmarked for dental college patients in the General surgery ward. Phantom head lab with 100 students capacity, Dental lab with ceramic furnace is present. OPG, 5 IOPA machines, 2 RVG machines, 100ma extra oral machine, IOPA taking simulator on phantom head and 10 audio visual projectors are present

File Description	Documents
The facilities as per the stipulations of the respective Regulatory Bodies with Geo tagging	**https://www.narayanadentalcollege.com/OMR.php**
The list of facilities available for patient care, teaching-learning and research	**https://www.narayanadentalcollege.com/naac/Criteria/C-IV/421.pdf**
Any other relevant information	**Nil**

4.2.2 - Number of patients per year treated as outpatients and inpatients in the teaching hospital for the year

4.2.2.1 - Number of patients treated as outpatients in the teaching hospital during the year

277153

File Description	Documents
Any other relevant information	**No File Uploaded**
Details of the teaching hospitals (attached hospital or shared hospitals after due approval by the Regulatory Council/ University) where the students receive their clinical training.	**View File**
Outpatient and inpatient statistics for the year	**No File Uploaded**
Link to hospital records/ Hospital Management Information System	**http://115.241.194.4/nmconline/**

4.2.3 - Number of students exposed to learning resource such as Laboratories, Animal House & Herbal Garden (in house OR hired) during the year

4.2.3.1 - Number of UG students exposed to learning resource such as Laboratories, Animal House & Herbal Garden (in house OR hired) during the year

390

File Description	Documents

Detailed report of activities and list of students benefitted due to exposure to learning resource	**View File**
Details of the Laboratories, Animal House & Herbal Garden	**View File**
Number of UG, PG students exposed to Laboratories, Animal House & Herbal Garden (in house OR hired) per year based on time-table and attendance	**View File**
Any other relevant information	**No File Uploaded**

4.2.4 - Availability of infrastructure for community based learning. Institution has: Attached Satellite Primary Health Center/s Attached Rural Health Center/s other than College teaching hospital available for training of students Residential facility for students / trainees at the above peripheral health centers /hospitals Mobile clinical service facilities to reach remote rural locations	**A. All of the Above**

File Description	Documents
Description of community-based Teaching Learning activities (Data Template)	**View File**
Details of Rural and Urban Health Centers involved in Teaching Learning activities and student participation in such activities	**View File**
Government Order on allotment/assignment of PHC to the institution	**View File**
Any other relevant information	**No File Uploaded**

4.3 - Library as a Learning Resource

4.3.1 - Library is automated using Integrated Library Management System (ILMS). Describe the Management System of the Library within 100 - 200 words

The Institutes' Library is the resource hub for knowledge and has a vast collection of books, journals, magazines, periodicals. The library has all the required facilities and the whole operations of the library are automated with Narayana Library Information System, our Software and OPAC (Online Public Access Catalogue), which can be used by all the students and teaching faculty for the search of books by title/ author name etc. Separate reading facility is made available for undergraduate, postgraduate students and teaching staff.

The description of the Integrated Library Management System (ILMS)

- Name of the ILMS software: Narayana Library Information System (Own Software)
- Nature of automation (fully or partially): Fully
- Year of Automation: 2009

The Central Library, Narayana Dental College was established in the year 2001. The Library is upgraded with the latest Information to cater to UG, PG students and staff. The Library has state-of-the-art facilities required as per the Dental Council Of India.

We have established the Library in the middle of the campus to access the library resources easily. It has been well equipped with modern facilities. It has been furnished with state of the art facilities. The Library has been accommodated on two floors. The whole building is around 1400 sq. mtrs

The Library is automated with our Software, i.e., Narayana Library Information System. The Library's various activities, such as data entry, issue and return and renewal of books, member logins, etc., are done through this Software. The Books are classified according to Dewey decimal classification. OPAC (Online public access catalog) service is also provided to search for books by title, author, publisher etc. The books are bar-coded and the Face recognition devices are placed at the Library entrance to control and detect only authorized users one at a time and help track the members' attendance.

Key Features of Software:

- Transactions : Check-In/Check-Out of Books
- Edit/Modify : Add, Remove, modify a book/journal/CD/Thesis
- Journal Management :
- (OPAC): To search for books by Title, Author, Subject etc.
- Reports: Issues, Returns, Department wise catalog etc.
- Barcode Creation : Auto Barcode Generator for Books
- Institutional Repositories: Question Papers, Thesis, E-books, etc.

Highlights of facilities in Library:

Reference section: Separate reference section for Books, Journals, Thesis of MDS project is also available in the library.

Journals: The institute has subscribed __61_ National and International Journals, which are arranged separately.

- There is a separate E-Library section for e-recourses and subscribed to DELNET and NTRMEDNET.

Newspaper section: There is a separate Newspaper Table.

Question Bank: Question papers of the University Examination are available for the past 15 years for students' reference.

Summary of books, journals, theses and CDs available in the library

Books Titles: __1845__

Volumes: ___5700__

Book Bank __239__

Thesis: __200___

Journals: __61__

National: __15__

International: __46__

CDs : _____208_____

File Description	Documents
Geo tagged photographs of library facilities	http://www.narayanadentalcollege.com/centrallibrary/geo-tagged-photos.html
Any other relevant information	Nil

4.3.2 - Total number of textbooks, reference volumes, journals, collection of rare books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment

Provide details of the total number of textbooks, reference volumes, journals, collection of

rare books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment.

Data Requirement for the last five years:

Provide a description of library acquisition / enrichment including

- Names of the books/journals /manuscripts
- Names of the publishers
- Names of the authors
- Number of copies
- Year of publication

Rare books are a source of basic knowledge as it evolved historically into current concepts. They may be limited addition copies with restricted availability but have significant scientific knowledge. As a protocol rare books are recommended by Head of Departments to the library committee. These recommendations are sent to the management for approval. Once approved, librarian will try to find from relevant publishers whether any copies are available for purchase. In scenarios when publishers do not have edition we try to contact other educational institutions and procure either a soft or hard copy based on feasibility. Rare books will be for reference only because of its difficulty for procurement.

We have specific digital library for collection of books that are having limited or no availability in India. There is constant effort from library committee and management to procure these rare volumes of books, journals and manuscripts both in digital and hard copies.

We are attaching an annexure of rare books in our library. (These are considered based on their limited or lack of availability for purchase in India) attached under uploads.

File Description	Documents
Data on acquisition of books / journals /Manuscripts /ancient books etc., in the library	**http://www.narayanadentalcollege.com/centrallibrary/collection.html**
Geotagged photographs of library ambiance	**http://www.narayanadentalcollege.com/centrallibrary/geo-tagged-photos-ambience.html**
Any other relevant information	**Nil**

4.3.3 - Does the Institution have an e-Library with membership / registration for the following: 1 e – journals / e-books consortia E-Shodh Sindhu Shodh ganga SWAYAM Discipline-specific Databases	**D. Any 1 of the Above**

File Description	Documents
Details of subscriptions like e-journals, e-Shodh Sindhu, Shodh ganga Membership etc. (Data template)	**View File**
E-copy of subscription letter/member ship letter or related document with the mention of year to be submitted	**View File**
Any other relevant information	**No File Uploaded**

4.3.4 - Annual expenditure for the purchase of books and journals including e- journals during the year (INR in Lakhs)

3150151.00

File Description	Documents
Audited Statement highlighting the expenditure for purchase of books and journal / library resources	**View File**
Details of annual expenditure for the purchase of books and journals including e-journals during the year (Data template)	**View File**
Any other relevant information	**No File Uploaded**

4.3.5 - In-person and remote access usage of library and the learner sessions/library usage programmes organized for the teachers and students (data for the academic year) Describe in-person and remote access usage of library and the learner sessions/library usage programmes organized for the teachers and students data for the preceding academic year within 100 - 200 words

The Institutes'Central library is the main resource for learning. The library is spread in a vast areaof around 1400sq.mts., providing accommodation to both U.G., P.G.students and teaching faculty at once. At Narayana, we insist all students and staff to inculcate the habit of spending quality and productive time in the library on upgrading themselves to newer trends in Dental. A calm and pleasant study environment is provided for the students for exam preparation. A dedicated team headed by a qualified Librarian is employed to work throughout the day for the students' benefit. A library committee is in place to update the

library with latest journals and textbooks annually as per the student's and staff's requirements.

The institute is committed to meet and uphold the essence of Dental research and publication of research papers in peer-reviewed publications.To achieve this, preference is given to subscribe e-journals to the central library. As a part of upliftment, the respective department heads are advised to guide the P.G. students to spend free time effectively in the library. Along with this for undergraduate students, books authored by renowned academicians were given preference and were upgraded every year. The central library is fully digitalized, transforming itself into a digital library with access to a number of reputed journals, databases and e-books.

The Central Library of the college is a strong self-learning resource with ___1845___ titles and __5700__ copies of books. It has an exhaustive collection of National and International Journals on various specialties in Dental and around _278_ E-journal subscriptions that can be accessed through _NTRMEDNET Consortium with 500 mbpsbroadband Internet.

- A 'Manual of Index' of literature available in the library and the index is also made available through the 'OPAC facility.' There is a 'New Arrival Display Rack' and all the new arrivals and folders are displayed at a prominent place in the library. When new books are procured, notifications are issued to all concerned departments on a regular basis.
- All the library functions are computerized and "Bar-coding" of the entire library material has been done.
- __278_ online journals are available and __208__ CD ROMs are in place. There is an Audio-visual section having a good collection of C.D.s showing normal clinical procedures and recorded surgeries. There are facilities for CD writing,taking printouts and all other relevant facilities for downloading the literature. The Reprography section is provided.

File Description	Documents
Details of library usage by teachers and students	http://www.narayanadentalcollege.com/centrallibrary/user-statistics.html
Details of library usage by teachers and students	http://www.narayanadentalcollege.com/centrallibrary/activities.html
Any other relevant information	Nil

4.3.6 - E-content resources used by teachers: MOOCs platforms SWAYAM Institutional LMS e-PG-Pathshala Any other

File Description	Documents
Links to documents of e-contents used	**No File Uploaded**
Data template	**No File Uploaded**
Any other relevant information	**No File Uploaded**

4.4 - IT Infrastructure

4.4.1 - Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi-enabled ICT facilities (data for the academic year)

14

File Description	Documents
Number of classrooms and seminar halls and demonstration rooms linked with internet /Wi-Fi-enabled ICT facilities (Data Template)	**View File**
Geo-tagged photos of the facilities	**View File**
Any other relevant information	**No File Uploaded**

4.4.2 - Institution frequently updates its IT facilities and computer availability for students including Wi-Fi . Describe computer availability for students and IT facilities including Wi-Fi with the date(s) and nature of updation within 100 - 200 words

The management of Narayana Dental College continuously upgrades its IT infrastructure and facilities to facilitate timely and required information reach to all its stakeholders. Salient features of the IT facilities and updates done are as follows:

Narayana Dental College is well-equipped IT infrastructure and computer connectivity for enhanced student teaching-learning process. The internet is backed with 500 Gbps Broadband Line from National Knowledge Network (NKN). The institute has been provided round the clock Internet facility with high-speed Wi-Fi. All the computers and audio-visual equipment are supported by UPS.

The Internet Leased Line of 500 Gbps from NKN Data Centre. The network is protected and controlled by Firewall. From the Data Centre, the network is distributed to all constituent units of Dental College via LAN Uplinks.

The students and teachers are provided with computer facilities for undertaking the academic and co-curricular activities, project and research activities, community outreach programs, collaborative, administrative and financial evaluation activities. The computer facility has been provided to each Department /Unit with peripherals and is connected through LAN/Wi-Fi. To make teaching - learning effective Class Rooms have been equipped with LCD, Computer, Internet high-end acoustics and AC.

The admission and examination modules have been automated. The theory/practical evaluation process is automated. Training programs are conducted for faculty and postgraduates to make them familiar in the operation of Microsoft word, SPSS etc.,

All OT's are connected to the AV rooms. The entire campus is under CCTV Surveillance System. Wi-Fi Network is operational in the entire campus of Narayana Dental College.

Biometric Attendance system is maintained. The library and information services activities have been made fully automated using our own Software.

The Institution deploys and upgrades the IT infrastructure and associated facilities whenever required.

Computer labs are being strengthened by new systems by replacing the out dated system every year.

The institution upgrades its computer systems periodically and whenever necessity arises.

There is annual budget allocation for purchase and maintenance of computer services.

Adequate budget provisions are made to update and maintenance of the computers.

File Description	Documents
Documents related to updation of IT and Wi-Fi facilities	https://www.narayanadentalcollege.com/naac/Criteria/C-IV/4.4.2.pdf
Any other relevant information	Nil

B. 500 MBPS - 1GBPS

4.4.3 - Available bandwidth of internet connection in the Institution (Leased line) Opt any one:

File Description	Documents
Details of available bandwidth of internet connection in the Institution(Data Template)	**View File**
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	**View File**
Any other relevant information	**No File Uploaded**

4.5 - Maintenance of Campus Infrastructure

4.5.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

23.17.000

File Description	Documents
Audited statements of accounts on maintenance o f physical facilities and academic support facilities duly certified by Chartered Accountant / Finance Officer	**No File Uploaded**
Details about approved budget and expenditure on physical and academic support facilities (Data templates)	**View File**
Any other relevant information	**No File Uploaded**

4.5.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports facilities, computers, classrooms etc. Describe policy details of systems and procedures for maintaining and utilizing physical and academic support facilities within a maximum of 100 -200 words.

To excel in value based dental education, healthcare, research and technology of global standards enriched with quality, contributing to national development. • The management ensures optimal allocation of financial resources to the institute after processing the budget proposal from the Head of the Institute. Optimal utilisation of the resources for maintenance and upkeep of different facilities is undertaken by holding regular meetings of various committees constituted for this purpose as per requirements and also the interests of students.

GENERAL ADMINISTRATION:

1. The Estate Officer looks into all the construction needs of the institution. Similarly, the general maintenance department looks after overall functioning and maintenance of the various infrastructure facilities including and not limited to electrical, civil and plumbing etc.,

2. In addition to the general administration department, sanitary supervisors maintain the cleanliness and hygiene of the institution and its surroundings.

3. The equipment of the institute (clinical and laboratories) are maintained by a team of trained Bio technicians in addition to many of the equipment being under AMC of the respective companies. An online system of registering maintenance issues and monitoring is carried out.

4. The security of the institute is maintained by the Chief Security Officer and his team along with the help of surveillance cameras. Fire fighting mechanisms, including fire extinguishers and water hoses are placed at strategic locations. Support systems of a post office, ATMs and an array of food joints cater to the needs of everyone. The campus is environmentally friendly and reduces the carbon print by using solar energy and is covered by a green canopy

5. The Human Resource department looks into recruitment and staff welfare policies of the institution, including health are extended to all the employees and students. The institute encourages the faculty to continuously upgrade their knowledge in their respective fields, by providing research opportunities, encouraging the faculty to participate in National and International platforms.

6. The Purchase committee looks into the procurement of various medical, non-medical, equipment, consumable and nonconsumable materials and maintains quality. An annual audit is conducted and submitted to the management.

Support System:

1. An in-house IT department develops software that supports the ICT of the class rooms, seminar halls, Hospital information system, student information system, inventory management system, payroll etc,. . 2. The Knowledge resource centre is headed by the chief Librarian, who purchases through the appointed committee, books and journals. In addition, a digital section is available for the students.

3. Student progress is maintained online and regular follow-ups are carried out by the Academic Dean through the Mentor and Mentee system. The Research Board develops a scientific temperament by encouraging Undergraduate and Postgraduate students to take up Research Projects other than the curriculum requirements. The Institutional Review Board promotes quality scientific work in the institution.

The Institute has a full-fledged sports complex headed by the Physical Director. Students are encouraged to take part in various competitions.

File Description	Documents
Minutes of the meetings of the Maintenance Committee	https://www.narayanadentalcollege.com/naac/Criteria/C-IV/4.5.2%20a.pdf
Log book or other records regarding maintenance works	https://www.narayanadentalcollege.com/naac/Criteria/C-IV/4.5.2%20b.pdf
Any other relevant information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships/ freeships / fee-waivers by Government / Non-Governmental agencies / Institution during the year

72

File Description	Documents
Attested copies of the sanction letters from the sanctioning authorities	View File
List of students who received scholarships/ free ships/fee-waivers	View File
Any other relevant information	No File Uploaded
Data template	View File

5.1.2 - Capability enhancement and development schemes employed by the Institution for students: Soft skill development Language and communication skill development Yoga and wellness Analytical skill	C. Any 3 or 4 of the Above

development Human value development Personality and professional development Employability skill development

File Description	Documents
Any other relevant information	**View File**
Link to Institutional website	**https://www.narayanadentalcollege.com/naac/Criteria/C-V/512-Capability%20Enhancemnt%202020-21.pdf**
Details of capability enhancement and development schemes(Data Template)	**View File**

5.1.3 - Number of students provided training and guidance for competitive examinations and career counseling offered by the Institution during the year

100

File Description	Documents
List of students benefited by guidance for competitive examinations and career counselling during the year (Data template)	**View File**
Institutional website. Web-link to particular program/scheme mentioned in the metric	**https://www.narayanadentalcollege.com/naac/Criteria/C-V/513-COMPETATIVE%20EXAMS%20_%20CARRER%20GUIDANCE%20-2020-21.pdf**
Copy of circular/ brochure/report of the event/ activity report Annual report of Pre-Examination Coaching centres	**View File**
list of students attending each of these schemes signed by competent authority	**View File**
Any other relevant information	**No File Uploaded**

5.1.4 - The Institution has an active international student cell to facilitate study in India program etc.., Describe the international student cell activities within 100 - 200 words

Narayana Dental College and Hospital is in a Semi-Urban locations carters more to the needs of the local population. Though we do have quite a few NRI students, True International students are not present in the College at present

File Description	Documents
For international student cell	**nil**
Any other relevant information	**Nil**

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging Adoption of guidelines of Regulatory Bodies Presence of the committee and mechanism of receiving student grievances (online/ offline) Periodic meetings of the committee with minutes Record of action taken	**C. Any 2 of the Above**

File Description	Documents
Minutes of the meetings of student Grievance Redressal Committee and Anti-Ragging Committee/Cell	**View File**
Circular/web-link/ committee report justifying the objective of the metric	**https://www.narayanadentalcollege.com/naac/Criteria/C-V/515-ANTIRAGGIN-SHE-GRIEVANCE-2020-21.pdf**
Details of student grievances and action taken (Data template)	**No File Uploaded**
Any other relevant information	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students qualifying in state/ national/ international level examinations (eg: GATE/ GMAT/ GPAT/ CAT/ NEET/ GRE/ TOEFL/ PLAB/ USMLE/ AYUSH/ Civil Services/ Defence/ UPSC/ State government examinations/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) during the year.

39

File Description	Documents
List of students qualifying in state/ national/ international level examinations during the year (Data	**View File**

template)	
Pass Certificates of the examination	**View File**
Copies of the qualifying letters of the candidate	**View File**
Any other relevant information	**No File Uploaded**

5.2.2 - Number of outgoing students who got placed / self-employed during the year

98

File Description	Documents
Annual reports of Placement Cell	**No File Uploaded**
Self-attested list of students placed /self-employed	**View File**
Details of student placement / self-employment during the year (Data template)	**View File**
Any other relevant information	**No File Uploaded**

5.2.3 - Number of the graduated students of the preceding year, who have progressed to higher education

32

File Description	Documents
Supporting data for students/alumni as per data template	**View File**
Details of student progression to higher education (Data template)	**View File**
Any other relevant information	**No File Uploaded**

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

0

File Description	Documents
Duly certified e-copies of award letters and certificates	**No File Uploaded**

Any other relevant information	No File Uploaded

5.3.2 - Presence of a Student Council, its activities related to student welfare and student representation in academic & administrative bodies/ committees of the Institution. Describe the Student Council, its activities related to student welfare and student representation in academic & administrative bodies /committees of the Institution within 100 - 200words

Student council acts as an umbrella for all the committees on campus,ensuring their smooth functioning at each juncture.The College has well-systematized Student Council.

Head of the institute nominates the students' Council and class representatives based on the academic performance & their excellence in the sports and cultural activities. New committee was formed in the month of July 2020 to carry out the responsibilities for the year 20-21.To continue with college activities and events for the year 21-22 a new committee was formed on May 2021.

There are student representatives, on various academic and administrative committees in the college and they actively participate in the decision-making process. They are also involved in various committees of academic planning like Library Advisory Committee, Anti-Ragging Committee, Cultural Committee ,Sports Committee ,Alumni committee,Gender harassment elimination committee,Grievance redressal committee etc.

File Description	Documents
Reports on the student council activities	**yes**
Any other relevant information	Nil

5.3.3 - Number of sports and cultural activities/competitions organised by the Institution during the year

1

File Description	Documents
List of sports and cultural activities / competitions organized during the year (Data Template)	No File Uploaded
Report of the events with photographs	**View File**
Any other relevant information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association is registered and holds regular meetings to plan its involvement and developmental activates with the support of the college during the year. Describe the contributions of the Alumni Association to the Institution during the year within 100 – 200 words

Alumni general body meeting was held on 02/06/2020 in smart class room, Narayana Dental College &hospital.Approval of audit report for the year 19-20 was done. Some of the members of the Executive committee wants to resign for the post of association due to personal reasons and prior intimation was given to the secretary to take necessary action. Election of the new members was done in the general body meeting held on 02/06/2020. The out going president hand overed all the documents and properties of the association to the president elect in the prescence of Principal NDCH.PrincipalDr.AjayRejinald and the president out going had delivered few wards regarding the activities and upliftments of the association in the coming years.The minutes of the meeting ,resignation and admission letters of the members along with approved audit report for the year 19-20 were sumited to the the registrar ,meeseva,Nellore.Theregistrar,Nellore had acknowledged the filed annual list documents in pursuance of section 9,of societies registration Act.2001 in respect of society No.50 of 2018 on 1st Dec 2020.The new Executive committee members taken incharge of the association since June 2020.

This academic year we introduced a new program called "MEET MY ALUMNUS" which connects Freshers to graduated students.Through this program first year students are enlightened about importance and scope of dentistry in various fields.Alumini association had approved annual audit report for the year 20-21 in board meeting conducted on 30/04/21and filing of annual list was done in pursuance of section 9,of societies registration Act.2001 in respect of society No.50 of 2018 .

File Description	Documents
Registration of Alumni association	Annual filing done
Details of Alumni Association activities	Orientation Programs-Meet my alumnus
Frequency of meetings of Alumni Association with minutes	Bi annual
Quantum of financial contribution	102000
Audited statement of accounts of the Alumni Association	Annual Audit Report

5.4.2 - Provide the areas of contribution by the Alumni Association / chapters during the year Financial /kind	C. Any 2 or 3 of the Above

Donation of books /Journals/volumes Students placement Student exchanges Institutional endowments

File Description	Documents
List of Alumni contributions made during the year	**No File Uploaded**
Extract of Audited statements of highlighting Alumni Association contribution	**No File Uploaded**
Certified statement of the contributions by the head of the Institution	**View File**
Any other relevant information	**View File**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The Institution has clearly stated Vision and Mission which are reflected in its academic and administrative governance. Describe the Vision and Mission of the Institution, nature of governance, perspective plans and stakeholders' participation in the decision-making bodies highlighting the activities leading to Institutional excellence.

VISION

To excel in value based dental education, healthcare, research and technology of global standards enriched with quality, contributing to national development.

MISSION

The mission statements of the college are:

- **To provide value-based student centric, community oriented, flexible dental education with continuous evaluation.**
- **To achieve, sustain and further enhance quality dental education providing access with thrust of equity, involving stakeholders.**
- **To encourage innovative collaborative basic research to benefit the community and enabling the industry to produce cost effective equipment and drugs.**
- **To stimulate invention of indigenous technology and to promote technology transfer and optimal utilization of available contemporary technology for teaching, training, healthcare and research.**
- **To develop strong community relationships through services and research.**

File Description	Documents
Vision and Mission documents approved by the College bodies	https://www.narayanadentalcollege.com/naac/Criteria/C-VI/611-%20Vision%20Mission.pdf
Achievements which led to Institutional excellence	Nil
Any other relevant information	Nil

6.1.2 - Effective leadership is reflected in various Institutional practices such as decentralization and participative management. Describe the organogram of the college management structure and its functioning system highlighting decentralized and participatory management and its outcomes in the Institutional governance within 100 - 200 words

6.1.2:Decentralization and participative management

Institute has a well-defined organizational structure to ensure efficient governance and management through effective decision making. Main bodies have been constitutedto formulate and execute policies and strategic plans based on its Vision and Mission and manage all activities of the Institute.

Institute has a mechanism for delegating authority and providing operational autonomy to all functionaries to work towards decentralized governance system.

Principal Level:

The governing body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal and Academic Dean in order to fulfil the vision and mission of the institute. Academic Monitoring Committee formulates common working procedures and entrust the implementation with the faculty members.

Faculty Level:

Faculty members are given representation in various committees and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skill by being in charge of various academic, co-curricular, extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry expert and appointed as coordinator and convener for organizing seminar/conference/workshop/FDP's.For effective implementation and improvement of the institute various committees are formed.Other units of the institute like sports,library,store etc have operational autonomy under the guidance of various committees

Participative management:

The institute promotes the culture of Participative management by involving staff and students in various activities. All decision of institution are governed by management of facts information and objectives.Both students and faculties are allowed to express themselves of any suggestion to improve the excellence in any aspect of the institute.

Strategic level:

The Principal, academic dean, coordinator and staff members are involved in defining the policies and procedures, framing guidelines and rules & regulation pertaining to admission placement, discipline, grievance, counselling, training & development and library services etc. and effectively implementing the same to ensure smooth and systematic functioning of the institute.

For the various programmes to be conducted by the institute all the staff members will meet, discuss ,share their opinion and plan for the event and form various committee involving students and coordinate with others.

The roles andresponsibilities of various bodies are also clearly defined to ensure transparency and accountability to achieve its objectives:

- Planning & Review

  - Institute IQAC
  - Planning & Monitoring Board
  - Finance Committee
  - Infrastructure Committee
  - AAAC

- Course Curriculum Development

  - Board of Studies (Faculty are represented in the University)
  - Academic Council
  - Standing Committee of Academic Council

- Examination Committee
- Department Research Advisory Committee (RAC)
- Finance committee
- Grievance Redressal Committee

- **SHE Committee**
- **Cultural Committee**
- **Sports Committee**
- **NSS**
- **Library Committee**

In addition, each Faculty has a number of groups including students and staff members for carrying out various activities to ensure efficient functioning through decentralized management.

External expert members are part of all important bodies to provide an unbiased broader perspective, transparency and experience.

The Institute accords due recognition to the achievements of staff and students with suitable incentives.

File Description	Documents
Relevant information /documents	**https://www.narayanadentalcollege.com/naac/Criteria/C-VI/612.pdf**
Any other relevant information	**Nil**

6.2 - Strategy Development and Deployment

6.2.1 - The Institutional has well defined organisational structure, Statutory Bodies/committees of the College with relevant rules, norms and guidelines along with Strategic Plan effectively deployed. Provide the write-up within 100 - 200 words

6.2.1:Organisational structure

Institute has a well-defined organizational structure to ensure efficient governance and management through effective decision making. Main bodies have been constitutedto formulate and execute policies and strategic plans based on its Vision and Mission and manage all activities of the Institute.

Institute has a mechanism for delegating authority and providing operational autonomy to all functionaries to work towards decentralized governance system.

Principal Level:

The governing body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal and Academic Dean in order to fulfil the vision and mission of the institute. Academic Monitoring Committee formulates common working procedures and entrust the implementation with the faculty members.

Faculty Level:

Faculty members are given representation in various committees and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skill by being in charge of various academic, co-curricular, extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry expert and appointed as coordinator and convener for organizing seminar/conference/workshop/FDP's.For effective implementation and improvement of the institute various committees are formed.Other units of the institute like sports,library,store etc have operational autonomy under the guidance of various committees

Participative management:

The institute promotes the culture of Participative management by involving staff and students in various activities. All decision of institution are governed by management of facts information and objectives.Both students and faculties are allowed to express themselves of any suggestion to improve the excellence in any aspect of the institute.

Strategic level:

The Principal, academic dean, coordinator and staff members are involved in defining the policies and procedures, framing guidelines and rules & regulation pertaining to admission placement, discipline, grievance, counselling, training & development and library services etc. and effectively implementing the same to ensure smooth and systematic functioning of the institute.

For the various programmes to be conducted by the institute all the staff members will meet, discuss ,share their opinion and plan for the event and form various committee involving students and coordinate with others.

The roles andresponsibilities of various bodies are also clearly defined to ensure transparency and accountability to achieve its objectives:

- **Planning & Review**

- **Institute IQAC**
- **Planning & Monitoring Board**
- **Finance Committee**
- **Infrastructure Committee**
- **AAAC**

- **Course Curriculum Development**

  - **Board of Studies (Faculty are represented in the University)**
  - **Academic Council**
  - **Standing Committee of Academic Council**

- **Examination Committee**
- **Department Research Advisory Committee (RAC)**
- **Finance committee**
- **Grievance Redressal Committee**
- **SHE Committee**
- **Cultural Committee**
- **Sports Committee**
- **NSS**
- **Library Committee**

In addition, each Faculty has a number of groups including students and staff members for carrying out various activities to ensure efficient functioning through decentralized management.

External expert members are part of all important bodies to provide an unbiased broader perspective, transparency and experience.

The Institute accords due recognition to the achievements of staff and students with suitable incentives.

File Description	Documents
Minutes of the College Council/ other relevant bodies for deployment/ deliverables of the strategic plan	https://www.narayanadentalcollege.com/naac/Criteria/C-VI/621.pdf
Any other relevant information	Nil
Organisational structure	https://www.narayanadentalcollege.com/naac/Criteria/C-

	VI/651.pdf
Strategic Plan document(s)	Nil

6.2.2 - Implementation of e-governance in areas of operation Academic Planning and Development Administration Finance and Accounts Student Admission and Support Examination

A. All of the Above

File Description	Documents
Data template	View File
Institutional budget statements allocated for the heads of E_governance implementation	No File Uploaded
e-Governance architecture document	View File
Screen shots of user interfaces	View File
Policy documents	View File
Any other relevant information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Staff welfare is given foremost importance. In connection with this, Existing welfare measure for teaching and non-teaching staff are itemized below:

- Health insurance
- Medical Leave & Maternity leave for eligible staff members
- Gym is also accessible for the staff.
- Grocery store.
- Medical facility (Concession rates for Employers and their family members)
- Employee gets fees concession for their ward.
- As Institution has a multicultural environment in the campus, themanagement ensures the celebration of all the festivals together.
- Rent free staff quarters
- In and around campus, various food centers has been establishedwhich are accessible by staff during the working and extended hours.

- **Internet and free Wi-Fi facilities are also available in campus for staff**
- **Teaching and Non-Teaching Staff Club organizes tour, and sportsactivities for the staff.**
- **10 days - Summer Vacations for all staff members**
- **Faculty development programs(FDP) for faculty members on regularbasis**
- **Skill development courses are organized for non- teaching staff toenhance their skills in work environment.**
- **Automation of attendance and leave using biometric system.**
- **All the faculty members who upgrade their research work throughquality publications during the academic year are honored by management and institute through research incentive scheme every year.**
- **Shuttle services are available in the campus**
- **All the staff members are treated on par with each other in obtainingbenefits from the institution.**
- **Motivation through counseling is also available for staff members to create a healthy working environment. This not only increases the work life balance of the employee, it also helps us in increasing the productivity and allows our staff to work effectively with completesatisfaction.**
- **Women Empowerment Cell is established for creating venues forwomen members to flourish and gain momentum.**
- **In a nutshell, the Institution strives hard to keep our staff happy and healthy.**

File Description	Documents
Policy document on the welfare measures	**https://www.narayanadentalcollege.com/naac/Criteria/C-VI/631-%20Welfare%20Policy.pdf**
List of beneficiaries of welfare measures	**https://www.narayanadentalcollege.com/naac/Criteria/C-VI/631-%20List%20of%20Wefare%20Policy.pdf**
Any other relevant document	**Nil**

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

09

File Description	Documents
Details of teachers provided with financial support to attend conferences, workshops etc. during the year (Data Template)	**View File**

Policy document on providing financial support to teachers	**View File**
List of teachers provided membership fee for professional bodies	**No File Uploaded**
Receipts to be submitted	**View File**
Any other relevant information	**No File Uploaded**

6.3.3 - Number of professional development / administrative training programmes organized by the University for teaching and non- teaching/technical staff during the year (Continuing education programmes, entrepreneurship development programmes, Professional skill development programmes, Training programmes for administrative staff etc.,)

14

File Description	Documents
List of professional development / administrative training programmes organized by the Institution during the year and the lists of participants who attended them (Data template)	**View File**
Reports of Academic Staff College or similar centers Verification of schedules of training programs	**No File Uploaded**
Copy of circular/ brochure/ report of training program self conducted program may also be considered	**View File**
Any other relevant information	**No File Uploaded**

6.3.4 - Number of teachers undergoing Faculty Development Programmes (FDP) including online programmes during the year (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

140

File Description	Documents
Days limits of program/course as prescribed by UGC/ AICTE or Preferably Minimum one day programme conducted by recognised body/academic institution	**View File**
Any other relevant information	**No File Uploaded**

Details of teachers who have attended FDPs during the year (Data template)	**View File**
E-copy of the certificate of the program attended by teacher	**View File**

6.3.5 - Institution has Performance Appraisal System for teaching and non- teaching staff. Describe the functioning of the Performance Appraisal System for teaching and nonteaching staff within 100 - 200 words

Our institute strictly follows the DCI Regulations on minimum qualifications for appointment of teachers and other academic staff in colleges and measures for the maintenance of standards in higher education.

The performance of each employee is assessed annually after completion of one year of service. The objective is not only to objectively evaluate the performance as per established norms, but also to identify potential aspects for improvement that can eventually lead to further progress and growth of the employee.

The salient features of the performance appraisal system are as follows:

Teaching Staff:

- The performance of each faculty member is assessed according to the Competency Assessment for the Performance Based Appraisal System (PBAS).
- Promotions are based on the PBAS proforma
- The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.
- The faculty members are informed well in advance of their due promotion.
- The PBAS proforma filled by the Faculty Member is checked and verified by the Heads ofthe Departments, followed by the Principal.

File Description	Documents
Performance Appraisal System	https://www.narayanadentalcollege.com/naac/Criteria/C-VI/635.pdf
Any other relevant information	Nil

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Institutional strategies for mobilization of funds and the optimal utilization of resources

Institute maintains & follows a well-planned process for the mobilization of funds and resource. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization.

- Mobilization of Funds, the student Tuition fee is the major source of income for the institute.
- The management provides need-based loans to institute.
- Alumni contribute to the institute by raising funds

Utilization of Funds

- A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses
- The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.
- The quotations are scrutinized by the finance and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.
- The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. The intervention of the management is sought in case the expenditure exceeds the budget.

Resource Mobilization Policy and Procedure

- Before the financial year begins, Principal and Coordinator prepare the college budget.
- The institutional budget includes recurring expenses such as salary,non-consumable & consumables for clinical procedures,electricity, lab expenses, furniture, stationary and other development Expenses.
- The budget is scrutinized and approved by the finance department and Governing Council.
- Accounts department and Purchase department will have a close monitor of the expenses.
- Statutory auditors are also appointed who certify the financial statements in every financial year.

Optimal utilization of resources

- The college aims at promoting research, development, consultancy and such other activities, involving the faculty at various levels.

- **Travel grants can be sanctioned to faculty to present research papers at or to attend National or International Conferences in India or abroad as per the policy.**
- **Effective utilization of infrastructure is ensured through the appointment of adequate and well-qualified lab technicians & system administrators.**
- **The optimal utilization is ensured through encouraging innovative teaching-learning practices.**
- **The college infrastructure is utilized as an examination centre for University Examinations.**

Library functions beyond the college hours for the bene

File Description	Documents
Resource mobilization policy document duly approved by College Council/other administrative bodies	**Nil**
Procedures for optimal resource utilization	**Nil**
Any other relevant information	**Nil**

6.4.2 - Institution conducts internal and external financial audits regularly. Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling any audit objections within 100 -200 words

The institute has a mechanism for internal and external audit. Internal Audit:A our institute we have our owninternal audit mechanism where internal audit is an on-going continuous processin addition to the external auditors to verify and certify the entire Incomeand expenditure and the capital expenditure of the institute each year.

External Audit Qualified external auditor resources have been permanentlyappointed and a team of staff under them do a thorough check and verificationof all vouchers of the transactions that are carried out in each financialyear. Likewise an external audit is also carried out on an elaborate way onyearly basis. The institutional accounts are audited regularly by both internal and statutory audits. So far there have been no major findings/objections inthe audited statements of the institute.

File Description	Documents
Documents pertaining to internal and external audits for the last year	**Nil**
Any other relevant information	**Nil**

6.4.3 - Total Grants received from government/non-government bodies, individuals, philanthropists during the year

(INR in Lakhs)

Funds/grants received from government bodies (INR in Lakhs)	Funds/grants received from nongovernment bodies (INR in Lakhs)
nil	**nil**

File Description	Documents
Audited statements of accounts for the year	**No File Uploaded**
Copy of letter indicating the grants/ funds received by respective agency as stated in metric	**No File Uploaded**
Provide the budget extract of audited statement towards Grants received from Government / non-government bodies, individuals, philanthropist duly certified by chartered accountant/ Finance Officer	**No File Uploaded**
Information as per Data template	**No File Uploaded**
Any other relevant information	**No File Uploaded**

6.5 - Internal Quality Assurance System

6.5.1 - Institution has a streamlined Internal Quality Assurance Mechanism. Describe the Internal Quality Assurance Mechanism in the Institution and the activities of IQAC within 100 - 200 words

Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning.

The IQAC has been performing the following tasks on a regular basis:

- **Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students.**
- **Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.**
- **Providing inputs for Academic and Administrative Audit and analysis of results for improvement in areas found weak.**
- **Students and staff give their feedback and suggestions on teaching and administrative performance.**

- **Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.**

The IQAC has immensely contributed in the implementation of quality assurance strategies and processes at all levels.

The Institute IQAC regularly meets once in every three/four months.

File Description	Documents
The structure and mechanism for Internal Quality Assurance	**https://www.narayanadentalcollege.com/naac/Criteria/C-VI/651.pdf**
Minutes of the IQAC meetings	**https://www.narayanadentalcollege.com/naac/Criteria/C-VI/651-IQAC%20-Meetings.pdf**
Any other relevant information	**Nil**

6.5.2 - Number of teachers attending programs/ workshops/ seminars specific to quality improvement in the year (Please exclude participations in Faculty Development Programmes (FDP) mentioned in metric 6.3.4)

File Description	Documents
Details of programmes/ workshops/ seminars specific to quality improvement attended by teachers during the year	**View File**
List of teachers who attended programmes/ workshops/ seminars specific to quality improvement during the year	**View File**
Certificate of completion/participation in programs/ workshops/ seminars specific to quality improvement	**View File**
Information as per Data template	**View File**
Any other relevant information	**No File Uploaded**

6.5.3 - The Institution adopts several Quality Assurance initiatives. The Institution has implemented the following QA initiatives: Regular meeting of Internal Quality Assurance Cell (IQAC) Feedback from stakeholder	**A. All of the Above**

collected, analysed and report submitted to college management for improvements Organization of workshops, seminars, orientation on quality initiatives for teachers and administrative staff. Preparation of documents for accreditation bodies (NAAC, NBA, ISO, NIRF, NABH, NABL etc.,)

File Description	Documents
Information as per Data template	**View File**
Annual report of the College	**No File Uploaded**
Minutes of the IQAC meetings	**View File**
Copies of AQAR	**https://www.narayanadentalcollege.com/naac/Annual-Quality-Assurance-Report-(AQAR)-2019-20.pdf, https://www.narayanadentalcollege.com/pdf/AQAR-%202018-19.pdf, https://www.narayanadentalcollege.com/naac/aqar2017-18.pdf, https://www.narayanadentalcollege.com/pdf/AQAR-2016-17.pdf**
Report of the feedback from the stakeholders duly attested by the Board of Management	**No File Uploaded**
Report of the workshops, seminars and orientation program	**No File Uploaded**
Copies of the documents for accreditation	**View File**
Any other relevant information	**View File**

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Total number of gender equity sensitization programmes organized by the Institution during the year

03

File Description	Documents
List of gender equity sensitization programmes organized by the Institution (Data template)	**View File**
Copy of circular/brochure/ Report of the program	**View File**
Extract of Annual report	**No File Uploaded**
Geo tagged photographs of the events	**No File Uploaded**

7.1.2 - Measures initiated by the Institution for the promotion of gender equity during the year. Describe gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus within 100 - 200 words

Narayana Dental College & Hospital is an co-education college and a conscious effort is made to sensitize and create awareness on gender equity among the students. Through this effort our students get an opportunity to gain awareness on social problems pertaining to the girls and how to handle it effectively. In this aspect, institution has taken initiative to conduct many programmes such as Self-defense training programme and also to address issues of Gender Discrimination. Other than all these programmes, institution celebrates International Women's day every year based on the theme. Rural and urban activists transforming women's lives and Pledge for parity etc. As a part of nurturing a healthy environment among students, both physically and psychologically, the college emphasizes regular counseling among students and referral services to the clinical psychologist who provides necessary care.

Facilities for women on campus

Safety and Security: High security system is implemented in the campus by allotting four shifts for the securities by the security agency — Bulldyers. CCTV cameras are kept in all lecture halls, Labs and corridors in the college campus. A reporting Committee has been constituted in the college and a complaint box also kept addressing any complaints from the students which takes necessary action. College has a zero-tolerance policy towards any such transgression. Each floor of hostel is allotted for a care taker, in one-to-one basis and sick room is also supervised by a special duty warden. Outing from the hostel is permitted

only with the parents and hostel will be closed at 10 pm with attendance every day to make sure the safety of the students.

Anti-ragging Committee is formed as per the U.G.C. guidelines. Anti-ragging Committee and Squads carry out rounds in the hostel as well as mess. Anti-ragging posters are prominently displayed at all prominent places within the Campus. Every day hostel rounds by the squad also makes sure the student's safety and comfort. Main gates are guarded and entry points are screened.

Common Room: A common room is meant for the day's collars of the college and a warden is allotted for this area. There is a spacious Common room in the hostel. The hostel provides all the students a safe and comfortable environment and is a Zero ragging zone.

File Description	Documents
Annual gender sensitization action plan	Gender sensitivity is an inherent value in the cultural ethos of the institute and its neighboring community, as is evident by the following facilities (a) Safety and Security • Well-trained and vigilant women security guards stationed across the campus. • Security checkpoints at all campus entries and exits. • Extensive surveillance network with 24x7 monitored control rooms. • Rotational duty by all faculty members for discipline and security. • Strict implementation of Anti-Ragging, Anti-Smoking and Mobile Free Campus. • Awareness campaigns on women safety and gender sensitivity through street plays, rallies and camps by NSS student volunteers. • Separate hostels for men and women with dedicated wardens. • The Institute is the preferred destination of parents for education of their female wards as evidenced by the Stakeholder Feedback. • Eco-friendly crèche for wards of institute staff with dedicated staff and faculty supervisors. b. Counseling • Formal and informal avenues for counseling male and female students and staff for academic and other issues/problems. • Class and Proctorial Committees are available for counseling of both males and females' students. • Grievance Redressal Committees for staff and students c. Common Rooms: In most of the Departments, common rooms have been allocated for men and women, which also facilitate meetings and discussions.
Specific facilities provided for women in terms of a.	Facilities for women on campus Safety and Security: High security system is implemented in the campus by allotting four shifts for the securities by the security agency — Bulldyers. CCTV cameras are kept in all lecture halls, Labs and corridors in the college campus. A reporting Committee has been constituted in the college and a complaint box also kept addressing any complaints from the

Safety and security b. Counselling c. Common Rooms d. Day care centre for young children	<u>students which takes necessary action. College has a zero-tolerance policy towards any such transgression. Each floor of hostel is allotted for a care taker, in one-to-one basis and sick room is also supervised by a special duty warden. Outing from the hostel is permitted only with the parents and hostel will be closed at 10 pm with attendance every day to make sure the safety of the students. Common Room: A common room is meant for the day's collars of the college and a warden is allotted for this area. There is a spacious Common room in the hostel. The hostel provides all the students a safe and comfortable environment and is a Zero ragging zone.</u>
Any other relevant information	Nil

7.1.3 - The Institution has facilities for alternate sources of energy and energy conservation devices 1 Solar energy Wheeling to the Grid Sensor based energy conservation Biogas plant Use of LED bulbs/ power efficient equipment

	B. Any 3 or 4 of the Above

File Description	Documents
Geotagged Photos	**https://www.narayanadentalcollege.com/naac/Criteria/C-VII/713.pdf**
Installation receipts	**View File**
Facilities for alternate sources of energy and energy conservation measures	**View File**
Any other relevant information	No File Uploaded

7.1.4 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 100 - 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste: Some of the initiatives are biodegradable and non-biodegradable waste which is segregated and bio degradable waste is used for compost. Vermi composting has been adopted in the college.

Non-degradable solid waste from campus is sent to the Municipal Corporation Dumping Yard after segregation. Degradable waste and leaf litter from the campus is used for composting,

further it is used for plantation. Food waste in the Mess is monitored by the Mess committee. Special instructions are given to the students, regarding waste management in the college during and after treatment of patient and the same shall be placed in the bin meant for dry waste. Special incinerators are used for biomedical waste disposal.

Liquid waste management: A total of around 500 Kl/Day of waste water is generated from Washing, Cleaning, Housekeeping, Disinfecting activities. A Sewage Treatment Plant is installed outside of the campus. Treated water is used for the garden and plantation within the premises. Liquid waste from the institution is diverted to the drain and soakage pits. There are 2 soakage pits functioning in the institution. One soakage pit in Narayana Dental College & Hospital and another soakagepit is constructed at the backyard of college.

The waste water from the R.O. Plant is also directed to the pit which uses the slow sand filter system. It is also connected with water source.

E-waste management: Condemnation committee in the parent hospital of our institution manages the e-waste. E – waste generated by the institution is collected and handed over to the concerned person in the parent hospital. The collected E – Wastes are given for Auction by the condemnation committee.

Biomedical waste management: The biomedical waste generated in the hospital and medical centre are managed in accordance to the Bio-Medical Waste Management Rules, 2016. The waste are segregated and stored in specified colored bins that are collected from the end user sites and stored at a central location, a restricted area within the campus, before handing it over to the Biomedical waste treatment facility

Hazardous chemicals and radioactive waste management: Since this is a Dental college there is no production of hazardous chemicals and radioactive waste.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	https://www.narayanadentalcollege.com/naac/Criteria/C-VII/7.1.4%20MOUs.pdf
Geotagged photographs of the facilities	https://www.narayanadentalcollege.com/naac/Criteria/C-VII/714.pdf
Any other relevant information	Nil

7.1.5 - Water conservation facilities available in the

Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geotagged photos / videos of the facilities	**https://www.narayanadentalcollege.com/naac/Criteria/C-VII/715.pdf**
Installation or maintenance reports of Water conservation facilities available in the Institution	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.6 - Green campus initiatives of the Institution include: Restricted entry of automobiles Battery-powered vehicles Pedestrian-friendly pathways Ban on use of plastics Landscaping with trees and plants

File Description	Documents
Geotagged photos / videos of the facilities if available	**https://www.narayanadentalcollege.com/naac/Criteria/C-VII/716.pdf**
Geotagged photo Code of conduct or visitor instruction displayed in the institution	**No File Uploaded**
Any other relevant information	**No File Uploaded**
Reports to be uploaded (Data Template)	**View File**

7.1.7 - The Institution has Divyangjan friendly, barrier-free environment Built environment with ramps/lifts for easy access to classrooms. Divyangjan friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for Divyangjan to access NAAC for Quality and Excellence in Higher Education AQAR format for Health Sciences Universities Page 68 website, screen-reading software, mechanized equipment Provision for enquiry and information: Human

C. Any 2 or 3 of the Above

assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photos of the facilities as per the claim of the institution	**View File**
Any other relevant information	**No File Uploaded**
Data template	**View File**
Relevant documents	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institution has taken initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. As a part of specific efforts to address the cultural diversity, there are many programmes conducted by the institution.

Students from different states participate in different cultural activities during the time of 10 days cultural festival organized during the annual college day, cultural competition etc. All interested students from various states get an opportunity to perform their talents during these programmes. Each year various regional festivals are celebrated in the campus such as Ganesh festival, NavaratriPooja festival, X-mas, Sankranti festival, etc. Accompanying with these festivals, special poojas, feast and other related traditional activities will be performed.

Institution is also focusing to engage with and contribute to local community. Narayana Medical institution has an "Urban Health & Training Centre" at Saraswathi Nagar and Rural Health & Training Centre at Venkatachalam, Nellore (Dt.), under the department of Community Medicine with all the prescribed norms. The Institution has adopted a village, Rural Health Center at Venkatachalam, 20 Km away from the Dental College.There are four sub-centers under the RHC. The population under the RHC is about 30000. About 60 to 100 patients visit the center every day. Graduate and post graduate students are posted at all these areas. Community is getting benefitted by attending various special camps and awareness programmes such as school health programme, dental screening programme, Screening for systemic diseases, etc. Through school health programme, children's health assessment, nutritional assessment and importance of balanced diet and dental assessment helps for screening the dental problems and referred to Narayana Dental College and Hospital are also done. Other

than this, Survey and Research Programmes in special groups of community also carried out by the students and based on its results, health needs of this population could identify more evidently. That helps us to provide better care and thereby make sure a healthier community.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**Nil**
Any other relevant information/documents	**Nil**

7.1.9 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organized professional ethics programmes for students, teachers, administrators and other staff during the year Annual awareness programmes on Code of Conduct were organized during the year	**C. Any 2 of the Above**

File Description	Documents
Information about the committee composition, number of programmes organized etc., in support of the claims	**No File Uploaded**
Web link of the code of conduct	**Nil**
Details of the monitoring committee of the code of conduct	**No File Uploaded**
Details of Programs on professional ethics and awareness programs	**View File**
Any other relevant information	**No File Uploaded**
Institutional data in Prescribed format (Data Template)	**View File**

7.1.10 - The Institution celebrates/ organizes national and international commemorative days, events and festivals. Describe the efforts of the Institution in celebrating /organizing National and International commemorative days and events and festivals within 100 - 200 words

Commemorative days: Yearly, the institution celebrates Independence Day – to make aware of establishment of a free and independent Indian nation, Republic day - to create awareness on the day when Indian constitution came in to effect, among young generation and Teacher's day – to make the students to understand the efforts put in by their teachers to ensure that they get a proper education.

Festivals: Many regional and national festivals are celebrated which have cultural and religious significance. Festivals like Christmas, Sankranti festival, Ganesh pooja, Saraswathipoojaetc are celebrated in the institution. Irrespective of religion, caste, and division all the students and faculties participate in the festivals.

National and International days: International days are occasions to educate the general public and students on an issue of concern, resources to address global problems and to celebrate and reinforce achievements of humanity. Different health days are observed for creating awareness among students as well as general public. World AIDS day, World Health day, Cancer awareness programme, etc are some of the Health days program organized in the institution.

Each programme will be conducted by the concern department and NAAC criterion in charge of that particular programme in the institution as per the yearly planner. Some of the programmes will be conducted in collaboration with the outside agencies like Red cross society, govt agencies etc.

7.2 - Best Practices

7.2.1 - Describe two Institutional Best Practices as per the NAAC format provided in the Manual (Respond within 100 - 200 words)

Institution has its uniqueness in the Best practice area and can proudly confirm its role in improving the quality of higher education. In Best practice, Multidisciplinary Integrated Teaching and Evaluation based on OSCE and OSPE.The second programme is Community Oriented Dental Education (CODE) –Family Study which is aimed to get real picture of rural living conditions, their oral health problems, to learn social anatomy and social physiology and to improve communication skills. Other than these two programmes, institution is enriched with many other innovative programmes for the quality improvement in nursing education. Few of them are Inter Professional Education meant for improving quality enhancement and hands-on skill among students, Skilled workshops.

Best practice 1

1. Title of the Practice :Multidisciplinary Integrated Teaching and Evaluation based on OSCE and OSPE.

2 Objectives of the Practice

• To enhance the comprehensive understanding of a topic by the students.

• To develop a concept of holistic treatment approach for patients.

• To establish a précised, objective and versatile evaluation tool that can be used effectively in clinical setting.

3 The Context

• The institution plays an important role in integrated teaching to the dental students. Before integrated teaching the understanding of the topic was poor. The horizontal and vertical integrated teaching adopted by the institution has resulted in clarity in understanding of the subject with holistic approach towards the patient management.

• Beinga institution involved in treatment and comprehensive care of the community, the doctors coming out of the institution should be evaluated thoroughly with a effective and transparent evaluation process.

4 The Practice

• Multidisciplinary Integrated Teaching is a unique practice for understanding the subject thoroughly.

• This integration is done amongst the subject of same academic year for example: in the first year of BDS the subjects are taught in coordination with each other i.e. the topics taught in different subjects are scheduled in a way that the corresponding topics are taught simultaneously which is a horizontal integration.

• Vertical integration is practiced for the third and final year BDS students in which the topics to be taught are identified and all the faculty of departments involved come together for the same.

• The Institution has introduced Objectively Structured Practical Examination (OSPE) and Objectively Structured Clinical Examination (OSCE) for post graduate courses.

5 Evidence of Success

• The understanding about the subject becomes clearer with a positive effect on the treatment planning and execution.

• The results of the undergraduate and post graduate students have also increased.

• The feedback by student and teacher after the conduction of evaluation by OSCE and OSPE method is positive and has improved the results.

6 Problems Encountered and Resources Required

• As many faculty are involved in the process of integration, time management is difficult.

• Time table for integrated teaching is designed well in advance taking into consideration the time of all faculty members.

• Additional staff had to be recruited in order to avoid any lapses in schedule.

• For evaluation of OSCE and OSPE the number of faculty required is more, it is difficult for arranging many sets which is required.

Best practice - 2 Title: Community Oriented Dental Education (CODE) –Family Study

Objectives: · To get real picture of rural living conditions, their oral health problems, to learn social anatomy and social physiology and to improve communication skills are the main objectives of this activity.

Context: · The Department of Public Health Dentistry has included a rural health survey activity in the curriculum of undergraduate, as most of the Dental students are from urban area & other states.

Practice:

· Five families to be allotted to each BDS students in Third BDS, visit under guidance of Teacher incharge, Tutors. In this visit, students record village schedule details and social demographic information in their observation books.

· Follow up visits in 1st&2nd Public Health Dentistry postings of Final year. In these visits, information about oral health profile, environment factors, dietary history

&nutritional status, socio-cultural factors, tobacco & alcohol consumption, immunization status, addictions, consanguineous marriages and vital statistics are recorded.

· Students make rapport with families & collect data using predetermined and pretested questionnaire during visits. Records maintained, marks kept for records in internal assessment /Practical.

· Needy persons are given oral health education and referral to the Department of Public Health Dentistry.

Evidence of success:

Benefits to family:

·Creating oral Health awareness about Gram SwachataAbhiyan.

· People get information regarding oral health services available in health centers, Information about OPD schedule and timings in NDCH, Nellore. Information regarding health insurance schemes run by Government of AP

Benefits to students:

· Early exposure to rural community: Living conditions, rural environment, and health problems, social and cultural factors. Early clinical exposure. Learn communication skills. Learn responsibilities towards community as Dentist of first contact. Development of bioethical skills. Overcome language barriers. Research orientation Formulation of aims and objectives, methodology, data collection and analysis, report writing and presentation.

Presentation skills:

·Skills in handling computer and its application, team work and coordination.

Hands on training in biostatistics:

Data collection, data feeding, analysis, making tables and graphs.

Problems encounter and resources required:

· Time slot given is short. Require additional staff, vehicles and cooperation from villagers.

File Description	Documents
Best practices page in the Institutional website	https://www.narayanadentalcollege.com/pdf/naac/Best-practices-2019-20.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution during the year in one area distinctive to its priority and thrust within 100 - 200 words

A good quality education is one that provides all learners with capabilities they require to become economically productive, develop sustainable livelihoods, contribute to peaceful and democratic societies and enhance individual well-being. In quality education, the institution focuses on six dimensions that all interventions of the organization need to meet Viz. Equity, Contextualisation and Relevance, Student friendly teaching-learning, sustainability, balanced approach and learning outcomes. The concept of 'excellence' in higher education means the reputation and standing of institutions and depends on the perception of student experience and the varying missions of the institutions.

The Institution has a distinctive vision, priority and thrust in Student Research while understanding the importance of research for overall development of education sector, societal development and personal development. Individual projects are mandatory by the institution for undergraduate students & Post graduate students and students are encouraged to present scientific studies and posters in conferences. Our institution can proudly mention that we are distinctive in many aspects other than research area such as unique teaching – learning methods.

NDCH, in its pursuit of quality in professional education, ensures the same by strict implementation of the Dental Curriculum as mandated by the Dental Council of India. The academic cell has a robust monitoring system that periodically evaluates the performance of students. The outcome of which is evident in the excellent pass percentage acquired by students in the University examinations. The students get a preview of their specific upcoming program in the Induction and orientation programs that sensitize and prepare them for it. Orientation programs for the first years BDS, III-year Clinical students, and BDS Interns are conducted. The newly introduced Learning Management System has made study materials accessible to students. The dental student is made industry ready on graduation by intensive training in Clinical skills, value-added courses in the first and third year BDS and other student development programs. The student mentoring system paves way for academic

and personal support to the student as they cope with academic and personal growth. The Research committee fosters research culture among students and faculty.

Narayana Dental College and Hospital is committed to quality dental education and dental related health services. The college fulfils stringent criteria of global standards of training dental students to enable them to be updated in all modern techniques in dentistry. The institution ensures to recruit and retain well qualified motivated faculty and staff and provide adequate infrastructure, equipment, and machinery. Institute provides latest treatment modalities and process to promote effective teaching and learning.

Updated technologies-driven treatment in the hands of empathetic, ethical, and trained professionals are the hallmark of patient care at NDCH. A mobile dental care unit is used in outreach programs to deliver doorstep healthcare to the vulnerable population. The Patient Management Software (DMS) has helped the system go paperless by saving energy and time, thereby increasing the efficiency in patient handling. The well-equipped Comprehensive Clinic and Fast Track clinic provides time-bound customized, patient care for all interdisciplinary procedures, people with special needs, and high-end elective dental services.

File Description	Documents
Appropriate web page in the institutional website	The Campus: Apart from a good Dental College,this lush green campus encompasses a well equipped Medical college,General Hospital to cater the needs of the dental students,two nursing institutions,physiotherapy and a paramedical institution. The campus also has an excellent library with good number of national and international books and journals with back volumes. Good facilities are there for sports and games. Staff quarters are situated inside the campus, which helps in students approaching staff in the off hours of the college too in case of need. Good hostel facilities are there for both boys and girls with mess facility. There is also a central cafeteria with small cafeteria in different parts of the campus. (U.G)PROGRAM OBJECTIVE INTENDED OUTCOME To recognize the scientific principles needed for the provision of high standard of oral health care. Integrate the essential knowledge of basic, biomedical, technical and clinical sciences by theoretical preparation for the effective practice of dentistry. Understand physiological and/or pathological structures, functions or behavior in accordance with the patient's age, health and circumstances, Apply this knowledge to common clinical situations. Have command of technical activities in a preclinical laboratory relating to restorative dentistry,

prosthetic dentistry and endodontics. To practice evidence based dentistry in the provision of Performance high standard oral health care Collect accurate and detailed dental, medical and social information. Identify the necessary parameters for an intra-oral or extra-oral medical examination. Conduct a basic X-ray examination and interpret a set of clinical, radiographic and possibly laboratory results in order to make a diagnosis Make a common differential diagnosis and decide the final diagnosis from a number of alternatives. Be acquainted with the theoretical concepts Identify expectations of the patient in terms of needs and demands by active listening in a consultation context at a basic level Communicate with the patient, to an appropriate and adapted degree of complexity, to explain treatment options Be aware of his/her own skills and the limits of his/her expertise To acquire lifelong learning qualities, such as critical thinking, creativity, reading etc. Describe the (relative) position of the clinical practice in relation to improving the health of the population and analyze the current challenges for health and the healthcare systems To recognize and follow the rules & regulations that govern the dental profession Be acquainted with the essential concepts concerning hygiene in a dental surgery and be able to prepare equipment effectively before a technical activity. To increase graduates interest in dental research The student should be able to undertake small projects of interest that translates into community effective initiatives

Any other relevant information	Nil

DENTAL PART

8.1 - Dental Indicator

8.1.1 - NEET percentile scores of students enrolled for the MBBS programme for the preceding academic year

Number of students enrolled for the MBBS programme during the preceding academic year	Range of NEET percentil e scores Mean NEET percentile score SDNEET percentile score	Mean NEET percentile score	SDNEET percentile score
100	42.34-93.45	76.8572	1402556

File Description		Documents

List of students enrolled for the BDS programme for the preceding academic year	**View File**
NEET percentile scores of students enrolled for the BDS programme during the preceding academic year.	**View File**
Any other relevant information	**No File Uploaded**

8.1.2 - The Institution ensures adequate training for students in pre-clinical skills. Describe the steps taken to improve pre-clinical skills along with details of facilities available for students such as pre-clinical skill labs

Dentistry being a highly skilled profession requires that adequate preclinical training facilities are provided. In this event, Narayana Dental College and Hospital is equipped to provide students with an opportunity to explore and learn from the preclinical laboratories. 1. Pre-Clinical Conservative Dentistry or the Phantom Head Lab - The students work on mannequins and learn the various procedures of cavity cutting on extracted teeth and typhodont teeth. This gives a real-life feel and experienceof working on patients. 2. Preclinical Prosthodontics Lab - Students get to learn to fabricate various prostheses, be it removal partial dentures, fabrication of special trays, complete dentures, and so forth. They get to work on the different materials that are used and so also simulate the natural denture on articulators. 3. Dental Materials Lab - Here the students are exposed to the many dental materials that they would be using during their clinical work in the coming years. They learn the composition and manipulation of materials from the basic gypsum products to the latest clinical materials used in practice.4. Dental Anatomy Laboratory - The students are taught the need of identifying normal anatomical structures and carve a tooth using various landmarks of identification. In this way restoring teeth in clinical practice becomes a boon.

File Description	Documents
Geo tagged Photographs of the pre clinical laboratories	**View File**
Any other relevant information	**No File Uploaded**

8.1.3 - Institution follows infection control protocols during clinical teaching during preceding academic year Central Sterile Supplies Department (CSSD) (records) Provides Personal Protective Equipment (PPE) while working in the clinic Patient safety manual Periodic disinfection of all clinical areas (Register) Immunization of	**B. Any 4 or 5 of the Above**

all the care-givers (Registers maintained) Needle stick injury record

File Description	Documents
Central Sterile Supplies Department (CSSD) Register (Random Verification by DVV)	No File Uploaded
Disinfection register (Random Verification by DVV)	No File Uploaded
Immunization Register of preceding academic year	No File Uploaded
Relevant records / documents for all 6 parameters	No File Uploaded
Institutional Data in Prescribed Format (Data Template)	View File

8.1.4 - Orientation / Foundation courses practiced in the institution for students entering the college / clinics / internship. Describe in less than 100-200 words about Orientation for fresh students White coat ceremony Workshops on patient care (community skills, infection control, biomedical waste management, professional ethics) Internship orientation Any other

Orientation for Fresh Students: every year when the academic session starts the students both the Undergraduates and Postgraduates are oriented to the academic and administrative procedures of the Institute. A week-long program is held for the PG student, wherein they are guided in the usage of the electronic database system to research methodologies.

White Coat Ceremony: Generally this is held as a combined program for both the Medical and Dental students. After the admission procedure is completed all students and parents are gathered to have the induction of students into the respective courses by having the white coat ceremony.

Internship Orientation is held on the first day of the start of the program. All interns are briefed about their responsibilities and the duties that they are required to carry out for the next year. They are instructed to not only work on patients but to get trained in using high-end equipment and assist PG students with complicated cases too.

Various workshops on biomedical waste management, fire safety drills, communication/personality development programs, seminars on Medico-legal issues, and professional ethics are a few of the programs that are held for all the Interns.

File Description	Documents
Orientation circulars	https://www.narayanadentalcollege.com/naac/Criteria/C-VIII/8.1.8%20a.pdf

Programme report	Nil

8.1.5 - The students are trained for using High End Equipment for Diagnostic and therapeutic purposes in the Institution. Cone Beam Computed Tomogram (CBCT) CAD/CAM facility Imaging and morphometric softwares Endodontic microscope Dental LASER Unit Extended application of light based microscopy (phase contrast microscopy/polarized microscopy/fluorescent microscopy) Immunohistochemical (IHC) set up	C. Any 3 or 4 of the Above

File Description	Documents
Invoice of Purchase	**View File**
Usage registers	**View File**
Geotagged photos of the facilities, and list of studentstrained in the opted facilities	**View File**
Institutional Data in Prescribed Format (Data Template)	**View File**

8.1.6 - Institution provides student training in specialized clinics and facilities for care and treatment such as: Comprehensive / integrated clinic Implant clinic Geriatric clinic Special health care needs clinic Tobacco cessation clinic Esthetic clinic	A. All of the Above

File Description	Documents
Certificate from the principal/competent authority	**View File**
Geotagged photos of the facilities, and list of students trained in the opted facilities	**View File**
Any other relevant information	No File Uploaded
Institutional Data in Prescribed Format (Data Template)	**View File**

8.1.7 - Number of full-time teachers who have acquired additional postgraduate Degrees/Diplomas/Fellowships beyond the eligibility requirements from recognized centers/universities in India or abroad. (Eg: AB, FRCS, MRCP, FAMS, FAIMER & IFME, Fellowships, Ph D in Dental Education etc.) during the year

File Description	Documents
List of fulltime teachers with additional Degrees, Diplomas such as AB, FRCS, MRCP, FAMS, FAIMER/IFME Fellowships, Ph D in Dental Education etc. during the year	**View File**
Attest ed e-copies of certificates of postgraduate Degrees, Diplomas or Fellowships	**View File**
Any other relevant information	**No File Uploaded**
Institutional Data in Prescribed Format (Data Template)	**View File**

8.1.8 - The Institution has introduced objective methods to measure and certify attainment of specific clinical competencies by BDS students/interns as stated in the undergraduate curriculum by the Dental Council of India.

The institute as part of its ongoing development in the teaching and evaluation program and also as the need of the hour has provided a structured system of clinical and practical examination of the students. The students are made aware of this system and all faculty are sensitized to using a standardized,objective method for evaluating students, thereby eliminating bias.The students are trained in Case-based scenarios, problems based, and Clinical based analytical situations and are evaluated in predetermined methods are per the needs of the individual departments

File Description	Documents
Report on the list and steps taken by the College to measure attainment of specific competencies by the BDS students/interns stated in the undergraduate curriculum during the year	**Nil**
Geotagged photographs of the objective methods used like OSCE/OSPE	**https://www.narayanadentalcollege.com/naac/Criteria/C-VIII/8.1.8%20%20OSCE%20OSPE.pdf**
List of competencies	**Nil**
Any other relevant information	**Nil**

8.1.9 - Number of first year students, provided with prophylactic immunization against communicable diseases like Hepatitis-B during their clinical work during the year.

Number of students admitted in the first year of the teaching programmes during the year	Number of First year students administered immunization /prophylaxis

100	75

File Description	Documents
Policies documents regarding preventive immunization of students, teachers and hospital staff likely to be exposed to communicable diseases during their clinical work	**View File**
List of students, teachers and hospital staff, who received such immunization during the preceding academic year	**View File**
Any other relevant information.	**No File Uploaded**
Institutional Data in Prescribed Format (Data Template)	**View File**

8.1.10 - The College has adopted methods to define and implement Dental graduate attributes with a system of evaluation of attainment of such attributes.

PROGRAM OBJECTIVE

INTENDED OUTCOME

To recognize the scientific principles needed for the provision of a high standard of oral health care.

Integrate the essential knowledge of basic, biomedical, technical and clinical sciences by theoretical preparation for the effective practice ofdentistry.

Understand physiological and/or pathological structures, functions or behaviour according to the patient's age, health andcircumstances.

Apply this knowledge to everyday clinical situations.

Have command of technical activities in apreclinical laboratory relating to Restorative dentistry, Prosthetic dentistry andEndodontics.

To practice evidence-based dentistry in the provision of performance high standard oral health care

Collect accurate and detailed dental, medical and social information. Identify the necessary parameters for an intra-oral or extra-oral medical examination.

Conduct an essential X-ray examination and interpret a set of clinical, radiographic and possiblylaboratory results in order to make a diagnosis

Make a common differential diagnosis and decide the final diagnosis from severalalternatives.

Be acquainted with the theoretical concepts.

Identify expectations of the patient in terms of needs and demands by active listening in a consultation context at a basic level.Communicate with the patient, to an appropriate and adapted degree of complexity, to explain treatment options.

Be aware of his/her skills and the limits of his/her expertise.

To acquire lifelong learning qualities, such as critical thinking, creativity, reading etc.

Describe the (relative) position of the clinical practice concerning improving the health of the population and analyze the current challengesfor health and the healthcare systems.

To recognize and follow the rules & regulations that governs the dental profession.

Be acquainted with the essential concepts concerning hygiene in dental surgery and prepare equipment effectively before a technical activity.

To increase graduates interest in dental research

The student should be able to undertake small projects of interest that translate into community effective initiatives.

Oral Medicine and Radiology

Type of Teaching Method

Learning Objectives

Domain Cognitive/Psychomotor/ Affective

Learning Outcomes

Small Group Teaching

Types of Swellings

Cognitive Domain

Knowledge of different types of Swellings

Demonstration by Staff

Inspection of swellings

Cognitive Domain

Knowledge of steps of Inspection

Demonstration by Students

Inspection of swellings

Cognitive Domain;

Psychomotor Domain; Affective Domain

Develop Skills of doing Inspection

& Confidence

Small Group Teaching

Differential diagnosis of

Swellings

Cognitive Domain

Knowledge of Differential aspect of

Swellings

Group Discussion

Differential

diagnosis of Swellings

Cognitive Domain

Ability to Discuss &

know Differentiating features of Swellings

Actual Scenario Discussion

Differential diagnosis of Swellings

Cognitive Domain Affective Domain

Ability to plan & decide how to handle the case clinically

Demonstration

Palpation of Swellings

Cognitive Domain

Knowledge of doing Palpation

Demonstration by Students

Palpation of swellings

Cognitive Domain; Psychomotor Domain; Affective Domain

Develop Skills of doing Palpation

& Confidence

Poster by Students

Palpation of swellings

Cognitive Domain; Psychomotor Domain;

Affective Domain

Develop abilities to Explain technique thru

Visual Depiction

Group Discussion

Knowledge of Oral Ulcers

Cognitive Domain

Knowledge of Types of Oral Ulcers

Demonstration by Staff

Inspection & Palpation of Oral Ulcers

Cognitive Domain

Knowledge of doing Inspection & Palpation

Demonstration by Students

Inspection & Palpation of Oral Ulcers

Cognitive Domain; Psychomotor Domain; Affective Domain

Develop Skills of doing Inspection & Palpation & Confidence

Student Initiated Poster

Knowing types of

Edges & Margins of Ulcers

Cognitive Domain; Affective Domain

How to differentiate

between ulcers based on Edges and Margins

Seminar

Management of Oral Ulcers

Cognitive Domain; Affective Domain

Understanding various Therapeutic Options for Oral Ulcers

Hand Outs followed by Group

Discussion

Understanding Concept of

OPMDs

Cognitive Domain; Affective Domain

Knowing Factors which might induce Malignant

Transformation

Group Discussion

Clinical Features of OPMDs

Cognitive Domain; Affective Domain

Knowledge of How the OPMDs present Clinically

Seminar

Investigations for OPMDs

Cognitive Domain; Affective Domain

Develop Idea of Investigative Procedures available

Paper Presentation

Advances in

Cognitive Domain; Affective

Better Understanding of
Therapeutic Modalities for OPMDs
Domain
Latest Therapies and Research
Demonstration by Staff
Knowing about Toluidine Blue & Lugol's Iodine
staining
Cognitive Domain; Affective Domain
Understanding of how the procedures are carried out
Demonstration by Staff
Knowing about parts of X Ray Machine & its
controls
Cognitive Domain; Affective Domain
Knowledge of Parts of X Ray Machine
Group Discussion
Knowing how X- Rays are produced
Cognitive Domain; Affective Domain
Knowledge of How X Rays are Produced & Factors which can affect
it
Small Group Teaching
Knowing

components of X rayFilm

Cognitive Domain; Affective Domain

Knowledge of

Components of X Ray Film

Demonstration by Staff

Knowing parts of Film Packet

Cognitive Domain; Affective Domain

Knowledge of how X ray Film packet can be

opened

Group Discussion

Knowing about Bisecting Angle & Paralleling

Technique

Cognitive Domain; Affective Domain

Knowledge of Intra Oral Radiography techniques

Demonstration by Staff

Knowing about placement of X ray film, tube placement & Angulation&

Exposure factors

Cognitive Domain; Affective Domain; Psychomotor Domain

Knowledge of Steps of Intra Oral Radiography

Student Demonstration

Will know how to explain Intra Oral Radiography

Techniques

Cognitive Domain; Affective Domain; Psychomotor Domain

Will be able to take Intra Oral Radiographs

Student Activity

Should be able to take Intra Oral

Radiographs

Cognitive Domain; Affective Domain; Psychomotor

Domain

Develop Skills of Taking Intra Oral Radiographs

Mock Exam

Intra Oral Radiography

Cognitive Domain; Affective Domain; Psychomotor Domain

Evaluate Students Skills ; Comprehension of techniques

Hand Outs

Knowledge of Composition of

Developer & Fixer Solutions

Cognitive Domain

Awareness of Components of

Developer & Fixer Solutions

Demonstration by Staff

Knowledge of Dark Room

Equipments & Lay out

Cognitive Domain; Affective Domain

Awareness of Dark Room Lay out & Parts

Group Discussion

Knowledge of Action of Components of Developer & Fixer Solution on X Ray Film

Cognitive Domain

Awareness of How Radiographic Image Forms

Demonstration by Staff

Knowing Steps of Dark Room Processing

Cognitive Domain; Affective Domain

Awareness of how to go about processing Film

Student Activity

Should be able to independently process X Ray Films

Cognitive Domain; Affective Domain; Psychomotor Domain

Develop Skills of doing Dark Room Processing of X Ray Films

Exam

Should be able to demonstrate processing of X Ray Film

Cognitive Domain; Affective Domain; Psychomotor Domain

Develop & Demonstrate Skills of Film Processing

Oral and Maxillofacial Surgery

Teaching Method

Learning objective

Domain

Learning outcome

Assessment

Formal Authority and facilitator

The student will learn about Exodontia, its principles, indications, contraindications and complications.

Cognitive, Psychomotor and affective

Will be able to identify, analyse, evaluate and effectively carry out an extraction.

An assessment of the complaint, investigations, diagnosis, treatment plan and surgical procedure

(10 point scale)

Formal Authority and facilitator

The student will learn various techniques to facilitate removal of fractured tooth or root

Cognitive Psychomotor and affective

The student will possess the knowledge about application of different instruments & techniques to facilitate removal fractured tooth or root

The student will demonstrate on dry skull and explain on a 10 point scale

Formal Authority and Personal mode

The student will learn about assessment of third molar difficulty on radiograph

Cognitive and Psychomotor

The student will be able perform radiographic assessment of third molar difficulty on IOPA & OPG using established indices

The Pre and post learning assessment using MCQs on a 10 point scale

Personal and facilitator

The student will learn about the various major surgery instruments and the principles of Instrumentation

Cognitive and Psychomotor

Will possess the knowledge of identifying and application of the instruments

The student will demonstrate and explain on a five point scale

Expert

The student will learn about radiological interpretation of maxillofacial trauma and pathology.

Cognitive

Will gain knowledge from a given radiograph & analyze it to present a differentialdiagnosis& treatment modalities.

The student will demonstrate and explain on a 10 point scale

Formal Authority and facilitator

The student will learn basic

knowledge

about causes &

management

options to control or prevent post extraction bleeding.

Cognitive and Psychomotor

Students will be

able to Identify

post

extraction bleeding &

Methods to prevent

like physical, chemical

&thermal.

The student will perform suturing techniques on dummy model.

And assessed on a 10 point scale.

Formal Authority and facilitator

Student will learn about clinical presentation of Unconscious patient and critical emergency

Management.

Cognitive and Psychomotor

Students will be

able to Identify causes of syncope &

methods to prevent it & effective chair-side management.

The student will demonstrate and explain on a 10 point scale.

Prosthodontics Crown and Bridge

Teaching Method

Learning Objectives

Domain

Learning Outcomes

1. SGD/SGT

Patient care & time management

To council the elder patients and build the confidence level tothe needy ones. Explain about time required for completion ofthe

treatment.

Cognitive / Psychomotor

Should be able to know proper instrumentation.

Assessment of difficulties about particular case.

Armamentarium, C D case history, diagnosis & treatment plan

To understand about different instruments required for each clinical procedure, assessment of clinical situation with different variations and planning

of treatment protocol.

Planning of clinical technique and special attention towards materials & laboratory aspects.

2. SGD/SGT Selection and handling of impression trays

Discussion about theories of impression.

Clinical preliminary impression technique & related lab work.

To understand the importance of tray selection.

Materials and concepts of preliminary impression

Designing concepts of special tray and laboratory work.

Cognitive / Psychomotor

Should be able to know different way of tray alterations and handling.

Manipulation and handling of preliminary impression materials and technique

Should be able to design and construct the special tray according to

clinical condition.

3. SGD/SGT Special tray assessment

To understand about importance of tray extension.

Cognitive / Psychomotor

Students should be able to evaluate specialtray

extensions.

Border molding technique

Final impression technique and evaluation

Handling of the materials.

Implementation of concepts of border molding and master impressions.

Handling of master impressions and making of master casts & Occlusalrims

able to perform Border molding, master impression and related lab work

Critical evaluation

of impression outcome

Related lab work

4. SGD/SGT

To understand the Methods of recording

Cognitive / Psychomotor

Student should be able to perform

Discussion about concepts, different approaches, clinical protocol involved in jaw relations and teeth selection.

jaw relations, clinical approach and difficulties.

Alternative techniques executed for difficult cases.

Selection of teeth.

different stages in jaw relation.

Methods involved in teeth selection.

Teeth setting

according principles.

Related laboratory procedure

(articulation and teeth setting)

5. SGD/SGT

C D wax-try in procedure

Post-insertion instructions

Processing of wax dentures

To understand about check-list and identification of errors or deviations while wax-try in procedure & alternative techniques for rectification.

To know the scientific reason behind the post-insertion instructions and its

role in the success of C D prosthesis

Cognitive / Psychomotor

Student should be able to perform the wax-try in according to the check-list and identification of errors in it and final approval by the patient and attendant.

Should able to explain the post- insertion instructions to the patients effetely.

6. SGD/SGT

Complete denture insertion & revision of post- insertion instructions and follow-upschedule

To understand about approach towards C D insertion and evaluation.

Significance of follow- up protocol to overcome the post- insertion difficulties.

Cognitive / Psychomotor

Should be able to deliver the prosthesis after appropriate evaluation.

Should be able to explain to the patient about importance of periodic check-up.

7. SGD/SGT

Follow-up procedure

To understand about evaluation and identification of difficulties with C D usage and management.

Cognitive / Psychomotor

Should be able to identify and manage the post- insertion follow- up.

Conservative Dentistry and Endodontics

Teaching Method

Learning Objective

Domain

Learning Outcome

Assessment

Problem based learning

Pulp And Periradicular Tissues

cognitive

Student will be able to

1. Answer about pulp and periradicular diseases in theory paper and viva voce.

2. Diagnose pulp and periradicular diseases.

3.Distinguish the symptoms of pulp and periradicular diseases from patient history

The Pre and post learning assessment using MCQs on a 15 point scale

Inquiry-based learning

Endodontic Instruments Used For Root Canal Therapy

cognitive

Student will be able 1.To answer about endodontic instruments in theory paper

2.Identification of endodontic instruments

The Pre and post learning assessment using MCQs on a 15 point scale

Inquiry-based learning

Access Cavity Preparations

cognitive

Student will be able to

1. Answer about access cavity preparation in theory paper and viva voce.

2. Understand to perform various access cavity preparation in anterior and posterior extracted teeth

The Pre and post learning assessment using MCQs on a 15 point scale

Inquiry-based learning

Working Length Determination.

Including apex locators

cognitive

Student will be able to

1. Answer about working length, apex locators in theory paper and viva voce.

2. Perform working length determination based on ingle's method in extracted teeth

The Pre and post learning assessment using MCQs on a 15 point scale

Inquiry-based learning

Cleaning And Shaping Techniques

cognitive

Student will be able to 1. Answer about various obturation techniques in theory paper and viva voce.

2. Perform lateral condensation obturation technique in extracted teeth

The Pre and post learning assessment using MCQs on a 15 point scale

Inquiry-based learning

Obturation Techniques

cognitive

Student will be able to 1.Answer about various obturation techniques in theory paper and viva voce,

2. Perform lateral condensation obturation technique in extracted teeth

The Pre and post learning assessment using MCQs on a 15 point scale

Inquiry-based learning

Composites

cognitive

Student will be able to 1.Answer about composites in theory paper and viva voce.

2.Perform composite restoration technique in extracted teeth

Verbal assessment on a 10 point scale

Inquiry-based learning

Concepts Of Dentin Bonding And Adhesion

cognitive

Student will be able to 1.Answer about adhesion and dentin bonding agents in theory paper and viva voce.

2.Perform composite restoration technique in extracted teeth

Verbal assessment on 10 point scale

Role play

Illustrate –

Testing ofSensibility Of The Tooth

psychomotor learning

The student will know if the tooth in question is vital or non vital.

Will help in making a diagnosis

The student will demonstrate and explain on a 10 point scale

Role play

Illustrate –

To take a radiographto aid in diagnosis

psychomotor learning

To take a radiograph confidently in a digital form.

To interpret the image.

To use other tools to differentiate the various anatomic structures

The student will demonstrate and explain on a 10 point scale

Problem based method

Illustrate –

GIC restoration

according to the clinical situation.

How to maintain a moisture free environment.

psychomotor learning

The student will learn to manage different types of non carious cervical lesions,

Will have a clear approach in managing different type of cervical lesions.

The student will demonstrate and explain on a 10 point scale

Inquiry-based teaching method

Illustrate –

Rubber Dam

To train the students in developing the practical knowledge and skill on application and removal of rubber dam.

psychomotor learning

The student will acquire the knowledge 1.Of identifying the importance of a rubber dam in operative dentistry.

2. Get acquainted with the components of the rubber dam, method of application, and method of removal after treatment from the patient tooth/teeth.

3. Get familiarised with method of working in the presence of a rubber dam.

The student will demonstrate and explain on a 10 point scale

Expeditionary learning

Illustrate -Class I Tooth Preparation

and

Restoration using Compositeon patient.

psychomotor learning

The student is expected to acquire the knowledge

1. To develop skills in handling composite material.

2. To get well-versed with manipulation, handling, application, and finishing & polishing of the composite resin.

The student will demonstrate and assessed on a 10 point scale

Periodontology

Teaching Method

Learning Objectives

Domain

Learning Outcomes

Assessment

The student will learn about clinical and radiographic features of gingivitis and periodontitis.

Cognitive

The student will possess the knowledge of how to differentiate between normal and diseased periodontium and to identify the severity of periodontal disease

The student will demonstrate and explain on five point scale

The student will learn and understand the current classification of periodontal diseases

Cognitive

The student will possess the knowledge of how to identify the clinical features and will be able to diagnose different forms of periodontal and periimplant diseases and to identify the severity of existing disease

The student will demonstrate and explain on five point scale

Personal and Facilitator

The student will learndifferent periodontal instruments that are used for diagnosis, scaling and surgical instruments and will learn how to handle diagnostic and scaling instruments.

Cognitive and Psychomotor

The student will possess the knowledge of identifying and application of the instruments and application of ergonomics for different procedure

The student will demonstrate and explain on five point scale

Expert

The student will learn how to interact with patients and how to diagnose a case by shadowing PGs and Staff in the Out Patient Department

Cognitive

Will possess the knowledge how a specialist (PGs and Faculty) will interact with patients and how closely the specialists and non teaching staff work together through out the day in OP department and how they deal with difficult situations.

The student will demonstrate and explain on five point scale

Expert

The student will learn how PGs and Stafftreat the patients with different procedures (Nonsurgical, Minimally Invasive Procedures, Resective, Regenerative and other specialityprocedures)

Cognitive and Affective

Student will be able to recollect their theoretical knowledge and terminology and should be able to correlate with clinical procedures.

The student will demonstrate and explain on five point scale

Facilitator

The student will learn the Relationship between periodontal disease and systemic diseases/conditions

Cognitive

Students will have the knowledge of the periodontitis-systemic disease/conditionlink, and will be able to provide clear evidence-based advise and information to patients.

The student will demonstrate and explain on five point scale

Delegator

The student will clinically examine the case(General/extra oral/intra oral)using chair side diagnosticinstruments.

Cognitive

and Psychomotor

Student will be able to diagnose the periodontal condition and will be able to advise appropriate investigations required and discuss the detailed treatment plan with the patient.

The student will demonstrate and explain on five point scale

Students will observe the clinical/surgical procedure closely and assist staff or PGs (this will help in one to one teaching)

Cognitive

and Psychomotor

Student should be able to observe the procedure closely and should be able to link theoretical and clinical knowledge and discuss One to One with the specialist during the procedure

The student will demonstrate and explain on five point scale

Students will take Formative assessment-Exit Exam : One day before last day of the posting

Cognitive

Students should be able to recollect and present in the written form

Student will attend Vivavoce and Discussion of the Written Exam paper on the last day of the posting

Cognitive

Students will be able to demonstrate their ability to reflect, synthesis and think critically.

By discussing with the staff the student will be able to improve the way they present in the written exam.

Orthodontics

Teaching Method	Learning Objectives	Domain	Learning outcomes	Assessment
Expert	To understand about clinical features of Malocclusion.	cognitive	The student Should be able to differentiate between normal occlusion and malocclusion	
Expert	The student will learn current classification of Malocclusion	Cognitive and psychomotor	The student Should be able to diagnose different types of malocclusion	The pre and post learning assessment using MCQS on a 15 point scale
Personal and facilitator	To student will learn about cephalometric analysis used in diagnosis and treatment planning of various Malocclusion	Psychomotor and affective	Students should be able to identify the Cephalometric landmarks and should able to do Cephalometric analysis.	

The student will demonstrate and explain on five point scale

Personal and facilitator

The student will learn about study models

Cognitive and psychomotor

Students should be able to measure and quantitate and analize the study models.

The student will demonstrate and explain on five point scale

Expert

The student will learn the need and necessity of case history

Cognitive and affective

The students will possess knowledge of effectively collect data from a patient ,analyze evaluate ,synthesize and present a clinical diagnosis and treatment plan

The student will demonstrate and explain on five point scale

Delegator

Will learn the need and necessity of wire bending, appliances.

Cognitive and psychomotor

Will possess the knowledge and skills to effectively fabricate various components of a removable appliance and their application in orthodontics

The student will demonstrate and explain on five point scale

Pediatric and Preventive Dentistry

Teaching Method

Learning Objectives

Domain

Learning Outcomes

SGD/SGT

(Small Group Discussion/Teaching)

·**Nerve Supply of primary and permanentteeth**

·**Techniques of infiltration and nerve block in children**

·**Possible complications and management of Local Anesthesia (LA) and its administration in children**

To understand the nerve supply of Maxillary and mandibular teeth

Cognitive (Knowledge)

Describe the nerve supply of Maxillary and mandibular teeth

To understand the anatomical landmarks related to administering LA in children

Cognitive (Knowledge) Psychomotor (Skill)

Affective (Attitude)

Differentiate anatomical land marks between a child and an adult to administer Local Anesthesia

To learn techniques of infiltration and nerve block in children

Cognitive (Knowledge) Psychomotor (Skill) Affective

(Attitude) Communication

Demonstrate and perform techniques of infiltration and nerve block in children

To understand the possible complications and management of LA and its administration in children

Cognitive (Knowledge)

Describe the possible complications and management of Local Anesthesia and its administration in

children

SGD/SGT

(Small Group Discussion/Teaching)

·Extraction of Teeth inChildren

Understand the indications and contraindications for the extraction of teeth in

children

Cognitive (Knowledge)

Identify the teeth indicated for extraction with reasons

Understand the principles of extraction of different (anterior and posterior) primary teeth

Cognitive (Knowledge) Psychomotor (Skill) Affective

Attitude

Demonstrate and extract different primary teeth including root stumps with care

Knowledge on postoperative medication and instructions after extraction of primary teeth

Cognitive (Knowledge) Psychomotor

(Skill) Communication

Provide postoperative medication and instructions after

extraction of primary teeth

SGD/SGT

(Small Group Discussion/Teaching)

·Principles of Paediatric Operative Dentistry

To know different methods of teeth isolation with its advantages and disadvantages

Cognitive (Knowledge)

Classify different methods of teeth isolation and mention their advantages and

disadvantages

To know the matrix systems and wedging used for restorative procedures in Pediatric
Dentistry

Cognitive (Knowledge) Psychomotor (Skill) Communication Affective

(Attitude)

Describe various matrix systems and wedging used for restorative procedures in Pediatric
Dentistry

To understand various caries removal methods in primary

Cognitive (Knowledge)

Perform effective caries removal in anterior and

and young permanent teeth

Psychomotor (Skill)

posterior primary and young permanent teeth

To understand different modes of restorative care to children for children

Cognitive (Knowledge)

Psychomotor (Skill)

Deliver restorative care to children across different ages

SGD/SGT

(Small Group Discussion/Teaching

·Pit and Fissure Sealants

To understand pit and fissure types and morphology

Cognitive (Knowledge) Psychomotor

(Skill)

Describe and identify various pit and fissure types and morphology

To understand the steps in placement of sealants and placement of the same

Cognitive (Knowledge) Psychomotor (Skill) Communication Affective

(Attitude)

Describe the steps in the placement of sealants and apply pit and fissure sealant in a child

Understand various preventive resin restorations (PRR) and Conservative Adhesive Restorations (CAR) and their application techniques

Cognitive (Knowledge) Psychomotor (Skill) Communication

Affective (Attitude)

Identify the type of PRR or CAR required, demonstrate the perform the same

Case Based Learning

·A case of missing 64, 74 and 75 in a 8 year oldchild

Examine and identify the problem and plan the treatment options related to space maintenance

Cognitive (Knowledge) Psychomotor (Skill) Communication

Affective (Attitude)

Student will be able to diagnose the condition, advice any investigations required and discuss the detailed

treatment plan with the parent.

Public Health Dentistry

Teaching Method

Learning Objectives

Domain

Learning Outcomes

Assessment

Expert and facilitator

To understand and to familiarize students about the various indices which will measure the dental caries quantitatively

DMFS, def and defs Indices

Cognitive (Knowledge) and psychomotor

The student should be able to be familiar with the prevalence, incidence, and trends of dental caries.

Describe the value of the DMFS, def and defs index in measuring oral disease.

Use the DMFS, def and defs index to measure the prevalence of dental caries

The student will demonstrate and explain on a 5- point scale

Delegator

The student will learn to use dental indexas the main tool of epidemiological studies to measure incidence, prevalence and severity of dental diseases.

Cognitive (Knowledge) and Psychomotor

The student will be able to effectively record the DMFS, def and defs indices and treat the patients.

The student will demonstrate and explain on a 10-point scale

- Expert and facilitator

To understand and to familiarize students about the various indices which will measure the periodontitis quantitatively. Russels periodontal index

Cognitive (Knowledge) and psychomotor

The student should be able to differentiate between normal and diseased periodontium and to identify the severity of periodontal disease quantitatively.

The student will demonstrate and explain on a 5- point scale

- Delegator

The student will learn to use dental indexas the main tool of epidemiological studies to measure incidence, prevalence and severity of dental diseases.

Cognitive (Knowledge) and Psychomotor

The student will be able to effectively record the Russel's periodontal index and treat the patients.

The student will demonstrate and explain on a 10-point scale

- Expert and facilitator

To understand and to familiarize students about the various indices which will measure the dental fluorosis quantitatively.

Deans Fluorosis index.

Cognitive (Knowledge) and Psychomotor

The student should be able to differentiate between normal tooth and fluorosis tooth, measure different stages of dental fluorosis, and ways to prevent dental fluorosis.

The student will demonstrate and explain on a 5- point scale

- Delegator

The student will learn to use dental indexas the main tool of epidemiological studies to measure incidence, prevalence and severity of dental diseases.

Cognitive (Knowledge) and Psychomotor

The student will be able to effectively record the Deans fluorosis index and treat the patients.

The student will demonstrate and explain on a 10-point scale

- Expert and facilitator

To understand that concept of preventive dentistry will help to enhance oral health and improve the quality of life.

Definition, Principles, Types of prevention,

Discussion and practical demonstration of preventive measures like pit and fissure sealants, ART, PRR

Cognitive and affective

The student should be able to detect dental problems early, prevents decay and cavities which helps to improve oral and overall health.

The student will demonstrate and explain on a 10- point scale

Delegator

The student will learn to provide preventive methods of oral health care.

Cognitive (Knowledge) and Psychomotor

The student will be able to provide the Pit and fissure sealants application, PRR, Fluoride applications and ART effectively.

The student will demonstrate and explain on a 10-point scale

File Description	Documents
Dental graduate attributes as described in the website of the College.	**https://www.narayanadentalcollege.com/undergraduate.php**
Any other relevant information.	**Nil**

8.1.11 - Per capita expenditure on Dental materials and other consumables used for student training during the year. [Amount in INR (Lakhs)]

2088875

File Description	Documents
Audited statements of accounts.	**View File**
Any other relevant information	**No File Uploaded**
Institutional Data in Prescribed Format (Data Template)	**No File Uploaded**

8.1.12 - Establishment of Dental Education Department by the College for the range and quality of Faculty Development Programmes in emerging trends in Dental Educational Technology organized by it.

Vision

The Dental Education unit will be a center for resource by providing teachers a learning opportunity to help and update their skills

Mission

The Dental Education Unit is committed to enhancing the teaching, learning, and assessment skills of the faculty members at Narayana Dental College and Hospital by inculcating a wide of skills sets

The main objectives of the Dental Education Unit would include and will not be limited to

- **Plan, implement and evaluate curricular development and faculty development in the college**

- **Facilitate educational research through projects and innovation**

- **Facilitate collaboration between dentistry, allied health sciences, and industry**

- **Update faculty on the current trends in medical/dental education by conducting workshops and conferences**

- **Ensure continuous quality improvement in teaching, learning, and assessment**

- **Design, Develop and Deploy instructional design for undergraduate and postgraduate courses**

- **Contribute towards policy development, assessment, and feedback system with regard to dental education**

- **Be responsible for all educational processes at Narayana Dental College and Hospital**

File Description	Documents
List of seminars/conferences/workshops on emerging trendsin Dental Educational Technology organized by the DEU year- wise during the year.	**Nil**
List of teachers who participated in the seminars/conferences/ workshops on emerging trends in Medical Educational technology organized by the DEU of the College during the year	**Nil**
Any other relevant information	**Nil**