



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

NOORUL ISLAM COLLEGE OF DENTAL SCIENCES

NOORUL ISLAM COLLEGE OF DENTAL SCIENCES, NIMS MEDICITY,
ARALUMMOODU P.O, NEYYATTINKARA
695123

www.nicollegeofdentalscience.com

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Noorul Islam College of Dental Science was established in 2006 under the aegis of Noorul Islam Educational Trust, founded by Dr. A.P. Majeed Khan, a man renowned for his farsighted vision in the field of education for the past 69 years. The Noorul Islam College of Dental Sciences was started with the objective of providing quality dental education to the students to enable them to manage and treat dental patients independently and also to provide state of the art treatment facilities.

The College was affiliated to the Kerala University, Thiruvananthapuram, and from 2010 onwards affiliated to Kerala University of Health Sciences, Trichur. The first batch of Noorul Islam College of Dental Sciences secured a 100% pass result in the final BDS examination conducted by Kerala University. This institute is well equipped to provide Graduate and Post Graduate courses in Dentistry and is a breakthrough in dental education and health care facilities in the southern tip of Kerala.

Through this span of 16 years Noorul Islam College of Dental Science has attained excellence in dental science by bagging 28 ranks in the university, which includes final BDS university 2nd and 3rd ranks in 2015. Mr. Arun Kishore A. G (2011 batch) secured the first rank in the I BDS examination 2012 conducted by KUHS, Trichur. The Noorul Islam College of Dental Sciences has been elevated to the status of a Post Graduate Institute in 2014 with the commencement of 2 P G courses in the Departments of Conservative Dentistry and Endodontics & Orthodontics and Dento Facial Orthopaedics, which was approved by the Ministry of Health and Family Welfare, Government of India and Dental Council of India.

Vision

To conduct prime quality dental education programme at undergraduate, postgraduate and post-doctoral levels.

To procure global competency for the graduates within the general practice of dentistry, dental specialties, research as well as teaching.

To encourage research in areas of fundamental oral biology, and dental health care and disseminate this information through discovery-oriented new innovative methodologies.

To serve comprehensive primary and specialized oral health care to people of both rural and urban areas irrespective of social, economic and cultural differences and to inform the public about the prevention and treatment of oral diseases and deformities.

To train our students to develop community teamwork, and bring advances in science to address the demanding oral health needs in a global perspective.

Mission

To equip future dentists with comprehensive skill sets and expertise.

To raise the standards of dental health education by imparting extra mural education under the mentorship of leading academicians.

To address patient concerns empathetically and adopt patient-centric treatment approaches.

To encourage research in newer areas of dental science and teaching methodology for the benefit of the population at large.

To impart awareness of moral and ethical values among dental health professionals with a commitment to community dental care.

To prepare and nurture healthcare professionals for tomorrow

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. The institution is under the aegis of Noorul Islam Educational Trust, which has about 69 years of legacy in service to mankind and imparting Quality Education.
2. The 350 bedded in-campus, tertiary care referral hospital with all major trauma and intensive care facility with NABH and NABL accreditations.
3. NICDS is located in the southernmost taluk of Kerala, Neyattinkara with a rural population of 1,127,662, according to 2022 census.
4. Optimum infrastructure, modern equipment and good patient strength in the institution enable the students to get good exposure in diagnosis and treatment of various dental diseases and thereby enhance their learning.
5. The quality of teaching and learning methodologies is reinforced by ICT enabled digital technologies.
6. Highly qualified and dedicated full time staff with a very low rate of attrition, the results of which are obvious in students securing high ranks in various examinations
7. The students are well trained using high-end equipments with exposure to CBCT, Endodontic Microscope, Soft tissue laser units, imaging software, ceramic and casting lab, advanced histopathology lab, Centre for Genomic Medicine, digital dental radiography. 24-hour trauma care is available at the hospital.
8. Community camps along with fully equipped "**Dental Clinic on Wheels**" (DCOW) facilities are available for promoting community-based learning and service.
9. Excellent student centric scientific pedagogy is followed in the institution.
10. Mentorship program for undergraduate students, along with adequate student-faculty ratio. A full time Clinical psychologist and Counsellor is available in campus to address student issues.
11. Stress on the regular conduction of Professional Continuing Education Program to hone the skills of the staff and students.
12. DCGI and DHR approved and NABH accredited Institutional Ethics Committee, to facilitate better research opportunities.

13. With the provision of Solar power generation and rainwater harvesting, the college believes in being eco friendly with campus being Green certified.
14. NICDS is an all-Khadi uniformed institution, promoting Gandhian thoughts and patriotism among students and staff.
15. IN-Campus hospital offers multiple streams of medicinal treatment – Allopathy and Naturopathy, offering opportunity and exposure to the dental students.
16. Various opportunities exist for the students like Hockey academy, Sports facilities, Fine arts club, yoga club, music and dance classes.

Institutional Weakness

1. The institution being affiliated to KUHS, the faculty has limited role in curriculum updating and limited scope for interdisciplinary /interdepartmental courses.
2. Students can only join through government allotments, making it difficult for NRI and international students to be admitted.
3. Revision and increment in seats is also a hurdle being faced to expand quality education.
4. The dental college hospital is located in a semi-urban area which has lower concept of dental health awareness which leads to many patients not seeking value added procedures.
5. NICDS has only two PG departments – Endodontics and Orthodontics.

Institutional Opportunity

1. Neyyattinkara being located in the outskirts of Thiruvananthapuram, forms a major entry and connecting zone for rural patients from South Kerala and Tamil Nadu hence attractive for excellent tertiary health care facilities.
2. NICDS has great potential to improve its Research and Innovation Profile.
3. With access to In-campus multispeciality hospital and Laboratories and vast patient profile, innovative entrepreneurship can be encouraged among the students, through Incubation centre, offering various facilities like CA, Lawyer, Office space and lab space access etc.
4. NICDS has opportunity to expand its PG courses to other speciality departments.
5. Our outreach camps help us to draw patients for the spectrum of oral health care in the rural and sub urban areas.
6. There are well established protocols in patient care and governance that lead to the concept of happy staff, students and patients.
7. As the college is located in a rural area the population in the vicinity can take advantage of various health schemes such as Ayushman Bharat, Govt Insurance, Medisep, ECHS etc meant for people from less privileged status.
8. The presence of institutions of excellence such as Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram (RGCB) and Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram (SCTMC) allows us to have collaborative research projects.
9. NICDS can incorporate more subject related Diploma/Fellowship/Add-On courses as offered by the affiliating University, to provide greater opportunity to students to cope up with the employment market.
10. NICDS can initiate certified courses like Micro-endodontics, Aesthetic dentistry to give opportunity to students for offering precision dentistry services to the society.
11. Promotion of dental tourism as adjunct to medical tourism is a feasibility, since tourist destinations like

Kovalam etc are in the vicinity.

12. Being in the capital city of Trivandrum, Government Dental College is the mentor college for NICDS.

Institutional Challenge

1. Being a self-financing institution, it is a challenge to provide high-end dental treatment at very subsidized rate.
2. There are other dental colleges in the city and many dental clinics that offer treatment at discounted rates, this creates a hindrance in getting more patients to the college for treatment.
3. The dental profession in urban areas where people like to settle in general are besieged with excess supply over demand posing a challenge to sustain a steady percentile for admissions.
4. Being a health science institute, it is also an arduous task to place the students graduating from college. This leads to fewer people wanting to seek admission in the college, which is a mirror of the national scenario.
5. There is very less scope for advanced streams like Cosmetic dentistry treatments in rural areas.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Being an affiliated college, the curriculum prescribed by the affiliating University is followed for the core teaching-learning process. The curriculum implementation process is done with due care and proper pre planning prior to the commencement of the classes in each academic year. The diary of academic activities are prepared by the curriculum committee with a detailed schedule depicting the dates of internal examinations, holidays and other academic activities in accordance with the University schedule given by the affiliating University. Further the college curriculum committee monitors the instructional delivery process, conduct periodic review to access the quality and timely delivery of course content and laboratory demonstrations.

The curriculum implementation is adequately supplemented through various interdepartmental/interdisciplinary training courses in various cross cutting issues. Further various certificate courses are also offered to give proper exposure in the emerging areas of dentistry technology.

The periodic field visits, clinical internship, research projects and community postings enables the students to excel in the profession. An effective feedback mechanism is in place which enables the students and other stakeholders to give feedback on the academic activities and interdepartmental/interdisciplinary training courses conducted. The College curriculum committee review the collected feedback and forwards the changes required to the College Governing Council for appropriate action and implementation in the subsequent academic year.

Teaching-learning and Evaluation

The admission to BDS and MDS courses is through the common counselling conducted by the Kerala University of Health Sciences (KUHS) as per the DCI norms and regulations thereby ensuring complete transparency in the admission process. The student-friendly environment enables the students to excel in both academic and extracurricular activities. In addition to imparting knowledge and skills in patient management,

awareness about the importance of team work, leadership qualities and social skills are provided to enable them to become an independent, creative and hard-working professional.

Information and Communication Technology (ICT) enabled tools are being used to give proper understanding of each and every functional methods and procedures given in the courses. The Learning Management System based on MOODLE platform helps to enhance teaching learning process by establishing one-to-one and group communication between faculty and students and enables the faculty to share the e-content, supporting video demonstration and to assess the understanding capacity of the students by conducting quizzes and other modes of evaluation. This helps to provide a learner-centric, interactive, participatory, experiential, simulative and collaborative environment to the students. A streamlined student friendly mentorship mechanism is being followed to assist the mentees to excel in their profession.

The examination cell provides all guidelines to the students regarding the examination system and procedures being followed and functioning effectively with state-of-the-art facilities. A wide range of co-curricular and extra-curricular activities are organised and the outstanding performers are duly recognised and honoured by the college.

Research, Innovations and Extension

The statutory body, the Research Committee is the apex body which takes care of all the research and promotional activities. The Institutional Ethics Committee grants ethical clearance for the research proposals cleared by the Research Committee after thorough scrutiny. Two post graduate departments got approval from Kerala University of Health Sciences (KUHS) as research centres.

Faculty members are actively involved in research activity and published more than 100 research papers in peer reviewed journals. Research workshops and seminars are organized periodically to improve the quality of research work and to give awareness about Intellectual Property Rights.

The college has signed MoUs with 50 institutions and actively involved in various collaborative research and academic activities. The management promote innovation and as an outcome six innovative student projects are carried out under the guidance of Innovation committee.

Dental camps and outreach programs are conducted regularly by the department of Public Health Dentistry. More than 500 outreach activities were conducted in the last five years, by the department of Public Health Dentistry, NSS and Youth Red Cross Units. Oral cancer screening camps, anti-tobacco campaign, blood donation campaign, no-plastic campaign and health awareness programs are also conducted periodically.

Free medical and dental camps, child developmental therapy and dental services especially for disabled children, free heart surgeries, free treatment for poor patients, village adoption and pension schemes for differently abled children, free dialysis projects, flood and COVID relief programs, free food distribution, free medicine for HIV patients are some of the social welfare and charity activities undertaken by our institution. Our institution is also the first campus in India to turn into Khadi by providing khadi uniform to the staff and students of the institution.

Infrastructure and Learning Resources

The college is situated in sprawling 10.15 acres of land with a built up area of 29632 square meter in a pleasant land surrounded with greenery. The campus infrastructure with the blend of traditional and modern architectural ambience provides a conducive environment for academic and research activities. The infrastructural facilities are augmented to facilitate quality education and to provide effective patient care. The college has well-furnished ICT enabled smart class rooms, classroom linked laboratories, seminar halls, museums and teleconferencing room.

A 350 bedded hospital with super speciality departments, transplant centre, NICU and 24x7 dental and maxillofacial emergency departments is attached to the college. The hospital is equipped with high end facilities like CBCT, Endodontic Microscope, Soft tissue laser units, imaging software, ceramic and casting lab, advanced histopathology lab, centre for genomic medicine, digital dental radiography and separate comprehensive, aesthetic and geriatric clinics.

The special Child Development Research Centre named 'SPECTRUM' is housed in a separate block with dental clinic for specially abled and neuroatypical children. The fully functional mobile dental clinic helps to conduct community learning programmes via dental camps and satellite clinic activities.

The fully automated spacious library provides a conducive place for knowledge enrichment which provides access to text books, international and national print and e journals, other reading materials and e-resources including digital library facility.

Well-furnished hostel facilities, staff quarters, surveillance system, common rooms, prayer halls, café, restaurant, parking and transportation facilities and specially abled friendly facilities provide a home like atmosphere to the students and faculty members.

The central auditorium, AV hall, indoor and outdoor sports and cultural facilities, health fitness centre (gymnasium) and yoga centre enables the students to actively participate in co-curricular and extracurricular activities.

Institution has proper infrastructural facilities and operating procedures for biomedical waste management, sewage treatment plant, infection control system and campus maintenance system.

Student Support and Progression

The Institute has a well-established and functional system for student support and mentoring (personal, academic and career counselling) through Mentor-Mentee Program which has greatly enhanced the Faculty-Student relationship. Various student supportive committees like Institutional Grievance Cell, Anti-Ragging Committee, Student Welfare Committee, Arts and Sports Committee, Hostel and Mess Committee, are constantly monitored, and timely redressal of student grievances is made.

The institute organizes personality enhancement and development programs such as career counselling and guidance, soft skills development, career-path identification, and orientation for the well-being of the students. Orientation programs organized for fresher's includes soft skill, communication skills, English language, spiritual, stress management, research methodology and overall personality development. IAS coaching classes are also conducted by the institution for those students who are interested in entering the country's administrative sections.

The institution takes great interest in supporting the students financially by providing fee- waiving for economically weaker section students and scholarships to students with good academic excellence. Apart from Government and Non-Government scholarships, the Institute also provides facilities for free medical check-up and treatment in our hospital for the students. The institute support the students to actively participate in various competitions/conferences, health camps, skill development etc. Good numbers of students pursue their higher studies after under graduation and others directly take up employment assignments or start their own practice. Information/guidance regarding various examinations and job opportunities available under government and private sector is made available to the students though Placement and Counselling Cell.

Institute also provides additional academic support, incentives, college and sports uniform materials for the students participating in various extra-curricular activities. The NSS and Youth Red Cross Unit of the Institute have their active participation in conducting Dental camps and free dental checks-up for bedridden patients.

The institute has a registered Alumni Association, regular meetings are conducted. The members of Alumni Association have made great contributions to the institute by guiding our students for their career development through career guidance counselling, book contributions and helping economically backward students.

Governance, Leadership and Management

The institute is functioning with a predefined vision and mission of imparting global competency level dental education to the aspiring students in the southern rural part of Kerala. Noorul Islam Educational Trust is headed by a great Philanthropist as Chairman and dynamic visionary Managing Director who ensures liberal funding and other support for the smooth functioning of the college. Principal is the academic head of the institution who is assisted by two vice principals for executing various academic and administrative activities.

The academic and administrative committees are functioning and committee meetings are conducted periodically to plan and execute various activities and to take care of functional growth requirements of the college in pace with the vision and mission. Strategic plan with strategic intent and Strategic Formulation are planned with actions and indicators of progress to be achieved with short term and long term goals and measurable outcomes.

The institution has effective welfare measures for teaching and non-teaching staff and has also initiated a system for appraisal of teaching and non-teaching staff annually. Institution conducts various faculty development programmes and professional development programmes regularly for quality enrichment.

A fund mobilisation policy has been implemented for optimum utilisation of resource and has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted throughout the year by a team of qualified accountants / Chartered accountants appointed by the finance committee of the institution.

The Internal Quality Assurance cell – IQAC monitors the quality of implementation of all activities and a comprehensive feedback mechanism is in place for monitoring the continuous improvements made in the curriculum planning and instructional delivery process.

Institutional Values and Best Practices

Noorul Islam college of Dental Sciences' students and staff envisioned a novel concept named 'Green Dentistry' which initiated numerous projects with the aim to save energy and water for next generation. The college is powered completely by solar alternative energy system which is a unique feature in our country. All our water needs are replenished by our structured water recycling and rain water harvesting system.

Noorul Islam College of Dental Sciences is a conclave centre for social services rendered by students and staff. Socially committed students and staff reach out to the needy people by various activities such as Youth Red Cross unit, NIMS Harithakam- Green Initiative to plant one lakh saplings, Neyyattinkara Pension Plan – "Monthly pension for nutritional diet" for differently abled children, pandemic relief programs, Khadi campus project, free heart surgeries, treatment aid for poor patients, village adoption and pension schemes for differently abled children , free dialysis projects, free food item kit distribution, free medicine for HIV patients etc.

The college ensures equality to all students and staff by organizing gender desensitization programs regularly in our college campus. Women empowerment club of college ensure a harmonious environment for female staff and students. The safety and security of the students are ensured with 24x7 working security staff and CCTV camera surveillance. The rules and regulation of college are strictly monitored by Code of Conduct committee. Anti-ragging committee monitors any ragging activities in the college and hostel premises. The institution promotes all cultural, regional and linguistics programs to provoke cultural diversity. Pedestrian pathway and lush green campus gives a peaceful ambience to the students. Battery-powered vehicle ply inside the campus to transport patients to clinical block. Differentially abled pathways, wheel chairs and disability clinics provide a Divyangjan friendly environment to the needy.

Dental Part

The admission process is through the state wide common counselling based on NEET ranking. The institution is having state of the art pre-clinical skill labs in all the departments which help students to get adequate training in pre-clinical skills. Considering the importance of strict asepsis, personal hygiene, and cross contamination, our college has a central sterile supply department, which takes care of the aforementioned and other infection control protocols. Regular disinfection is carried out in all clinical departments and laboratories. Students, faculty and all non-teaching staff are offered regular immunizations so as to have a check on the infectious diseases.

Our institution train students and faculties to use latest technology equipment for diagnostic and therapeutic purposes. The institution has all required equipment like CBCT, LASER, endodontic microscope etc for providing hands on training.

Fresher's Orientation programs, interns orientation programmes, white coat ceremony etc. are conducted regularly every year.

Noorul Islam College of Dental Sciences offers a wide range of patient welfare services at the most affordable cost, without compromising the quality. For this purpose apart from the regular clinics we have specialized clinics such as tobacco cessation clinic, which aims at guiding and supporting patients to refrain from lifestyle habits like tobacco use, etc. We also offer other clinics like integrated clinics, Geriatrics clinic, Special Healthcare Clinic, Aesthetic clinic etc which are aimed at offering individualized needs through which student get training in specialized clinical areas.

The entire UG and PG training is based on the dental attributes and specific competencies mentioned by the DCI and the University. Objective measures to attain such competencies include simulations, problem- based learning, OSCE/OSPE etc.

Advanced dental education department conducts Faculty development programmes regularly, which helps to hone the knowledge and skills of faculty, which can be passed on to the students.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	NOORUL ISLAM COLLEGE OF DENTAL SCIENCES
Address	Noorul Islam College of Dental Sciences, NIMS Medicity, Aralummoodu P.O, Neyyattinkara
City	Thiruvananthapuram
State	Kerala
Pin	695123
Website	www.nicollegeofdentalscience.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Sadique Hussain M	0471-2221546	9447479735	0471-2225154	nidentalcollege@gmail.com
IQAC / CIQA coordinator	T. Mahesh	0471-2226515	9495521770	0471-2225154	iqacordinator.nicds@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing
Institution Fund Source	No data available.

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

Date of establishment of the college	12-07-2006			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name	Document		
Kerala	Kerala University of Health Sciences	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC				
12B of UGC				
Details of recognition / approval by statutory / regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE etc.)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
DCI	View Document	28-07-2017	60	

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the college recognized for its outstanding performance by national or international agencies such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO etc.?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Noorul Islam College of Dental Sciences, NIMS Medicity, Aralummoodu P.O, Neyyattinkara	Rural	10.15	29632

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BDS,Department Of Dental Surgery	54	NEET UG Entrance Examination	English	50	50
PG	MDS,Department Of Orthodontics And Dentofacial Orthopaedics	36	NEET PG Entrance Examination	English	2	2
PG	MDS,Department Of Conservative Dentistry And Endodontics	36	NEET PG Entrance Examination	English	2	2

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	11				22				22			
Recruited	8	3	0	11	15	7	0	22	8	14	0	22
Yet to Recruit	0				0				0			
	Lecturer				Tutor / Clinical Instructor				Senior Resident			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	10				10				0			
Recruited	2	8	0	10	6	4	0	10	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				107
Recruited	36	71	0	107
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				14
Recruited	3	11	0	14
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	2	2	0	0	0	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	8	3	0	13	5	0	8	14	0	51
UG	0	0	0	0	0	0	0	0	0	0
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	2	8	0	4	6	0	0	0	0	20

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0
Number of Emeritus Professor engaged with the college?	Male	Female	Others	Total
	0	0	0	0
Number of Adjunct Professor engaged with the college?	Male	Female	Others	Total
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	10	0	0	0	10
	Female	40	0	0	0	40
	Others	0	0	0	0	0
PG	Male	3	0	0	0	3
	Female	1	0	0	0	1
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	1	0	1	0
	Female	10	4	4	4
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	1	1	1	1
	Others	0	0	0	0
OBC	Male	3	4	6	4
	Female	16	31	28	32
	Others	0	0	0	0
General	Male	0	3	1	0
	Female	12	8	9	10
	Others	0	0	0	0
Others	Male	3	1	0	0
	Female	8	2	4	3
	Others	0	0	0	0
Total		54	54	54	54

General Facilities	
Campus Type: Noorul Islam College of Dental Sciences, NIMS Medicity, Aralummoodu P.O, Neyyattinkara	
Facility	Status
• Auditorium/seminar complex with infrastructural facilities	Yes
• Sports facilities	
* Outdoor	Yes
* Indoor	Yes
• Residential facilities for faculty and non-teaching staff	Yes
• Cafeteria	Yes
• Health Centre	
* First aid facility	Yes
* Outpatient facility	Yes
* Inpatient facility	Yes
* Ambulance facility	Yes
* Emergency care facility	Yes
• Health centre staff	
* Qualified Doctor (Full time)	98
* Qualified Doctor (Part time)	1
* Qualified Nurse (Full time)	196
* Qualified Nurse (Part time)	0
• Facilities like banking, post office, book shops, etc.	Yes
• Transport facilities to cater to the needs of the students and staff	Yes
• Facilities for persons with disabilities	Yes
• Animal house	No
• Power house	Yes
• Fire safety measures	Yes
• Waste management facility, particularly bio-hazardous waste	Yes

• Potable water and water treatment	Yes
• Renewable / Alternative sources of energy	Yes
• Any other facility	NA

Hostel Details		
Hostel Type	No Of Hostels	No Of Inmates
* Boys' hostel	1	4
* Girls's hostel	1	56
* Overseas students hostel	0	0
* Hostel for interns	0	0
* PG Hostel	1	1

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Noorul Islam College of Dental Sciences prepares itself to adopt the policies of NEP 2020 by implementing the following: The stakeholders of Noorul Islam College of Dental Sciences strongly believe that today's education requires multidisciplinary skill set for students to achieve their innate potential. We have selected aligned organization and signed the Memorandum of Understanding with them to bring exposure to our learners, which in time would be useful for their career and personal growth. • The association with other professional Colleges gives us an opportunity for interdisciplinary learning, brainstorming, and having a Design Thinking mindset. • Taxation and Financial literacy is planned as seminars initially with the goal of developing course modules in future. • The incubation center is aimed at developing an entrepreneurial mind for students who think differently. Hands on experience with patients develops empathetic observation and problem solving.
2. Academic bank of credits (ABC):	The digital vault for academic journey is an excellent initiative by the University Grants Commission, Noorul Islam College of Dental Sciences facilitates this process by making its students aware of the

	choices they have for career and personal growth by enrolling through the courses of duration of their choice. In times, we aim to achieve self-directed competency based learning for students that will benefit the society, in finding then 'right person for the right job'. The credit point system and its working are new to the current students. Hence, we are initiating small courses within the institution to create awareness and comfort in doing the same in RESEARCHGATE and EBSCO portal.
3. Skill development:	Due to technological revolution, it is fundamentally changing the way we live, work, and interact with one another. These interferences have started to change the conventional methods of employment in all fields and increasing the urgency for skilling and re-skilling the upcoming professionals. The most crucial overhaul is to integrate the skilling into the mainstream education in a gradual manner. This helps to provide the much-needed flexibility to the students to realize their interests and sharpen in-built skills while also acquiring new knowledge. The proposed skill exposure starts from the first year through linkage with industry experts which will help to lay the foundation of early technical education and would accelerate the skilling efforts. This also further promotes creativity and curiosity among young minds and makes them more skill-oriented, thereby, leading to a transformation of dental professionals. Experimental skill based training is provided by our alumni members who have established clinics and provide skill enhancement training for our students especially in clinic and patient management skills. After identifying the gaps, we will be developing courses that integrate skill based credit system, where the students are made aware of their strong skills and the skills that need to be refined or worked upon.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Intellectual enlightenment comes from the exposure to multiple cultures. With the advent of social media, western culture received much lime light. India has 28 states and 8 union territories with a wealth of culture, language, and diversity. Developing an interest to learn from these diversified cultures is a priority for all the educational institutions, especially during the formative years of life. Noorul Islam College of Dental Sciences attempts to send its students to gain knowledge through seminars and symposium and reel into self-actualization that

	develops moral and ethical standards that are on the decline now.
5. Focus on Outcome based education (OBE):	Outcome-based education emphasis that all the parts and aspects of education focus on the outcomes achieved after the completion of the course. In dental education the students take up the course with the goal of developing skills or gaining knowledge in dentistry and gain hands on clinical exposure. In outcome based education methodology, each aspect of education (course modules) is organized based on set of outcomes. Proper methodologies are devised for measuring the outcome achieved by the Students after completion of each course/module. Throughout the course of study, it helps to measure that all students achieve the expected outcome and student performance is measurable. The outcome based education model aims to maximize student learning outcomes by developing their knowledge & skills. The outcome based education helps learners to clearly focus on the goal for learning rather than rote memorization. At Noorul Islam College of Dental Sciences, we are developing short modules based on Outcome based education. For example, Emergency management in dental office, focuses on what the learner should be able to do rather than having a theoretical background only.
6. Distance education/online education:	Smart classroom is the mode we have initiated to a change in outlook for students especially coming from a school background with offline classes. Inclusion of GOOGLE FOR EDUCATION, MOODLE, and EBSCO online library resources to our educational ecosystem are the stepping stones to develop our own short term course in future. Setting of the Dental Educational unit, which caters to video recording and uploading facilitates the concept and acceptance of online education for self-development and career development.

Extended Profile

1 Students

1.1

Number of students year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
346	326	314	294	319
File Description		Document		
Institutional data in prescribed format(Data templ		View Document		

1.2

Number of outgoing / final year students year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
59	35	35	39	65
File Description		Document		
Institutional data in prescribed format(Data templ		View Document		

1.3

Number of first year Students admitted year-wise in last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
54	54	54	54	54
File Description		Document		
Institutional data in prescribed format(Data templ		View Document		

2 Teachers

2.1

Number of full time teachers year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
75	73	74	75	74
File Description			Document	
Institutional data in prescribed format(Data templ			View Document	

2.2

Number of sanctioned posts year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
75	73	74	75	74
File Description			Document	
Institutional data in prescribed format(Data templ			View Document	

3 Institution

3.1

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
429.55372	364.7017	459.55604	336.18039	239.89671
File Description			Document	
Institutional data in prescribed format(Data templ			View Document	

4. Quality Indicator Framework(QIF)

Criterion 1 - 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.

Response:

The institution ensures effective curriculum planning, delivery and evaluation as prescribed by the affiliating university and Dental Council of India (DCI). All the curriculum details of the institution are well planned by the College Curriculum Committee, monitored effectively and implemented efficiently. College Diary is prepared before the commencement of each academic year, depicting the schedule of tentative dates of examinations and holidays in accordance with the university time table schedule given to the institution by the university. Based on this, each of the Departments prepares the teaching schedule for the academic year. The theory and clinical teachings are done through structured timetables for each academic year and prepared well in advance for the next academic year also as per the university curricular requirements. Student centered learning and technology-based learning are given due importance in our institution in synchronization with the curricular requirements of our affiliated university. Policies and modalities for continuous Internal Assessment of the students are done as per the affiliating university curriculum guidelines. University examinations are conducted at the end of each academic year for Undergraduate students while for Post Graduate students, Part I of the University examinations is conducted at the end of the 1st academic year and rest of the examinations at the end of the 3rd academic year.

The College Curriculum Committee convenes meetings regularly to identify the gaps in the curriculum so that if any changes have been introduced by the affiliating university, they can be incorporated immediately. At the end of each academic year, feedback on curriculum is obtained from the relevant stakeholders by the College Curriculum Committee and suggestions are segregated from that by the College Curriculum committee which in turn are forwarded to the College Governing Council for taking action. Academic flexibility is ensured by the implementation of value-added courses, interdepartmental training programmes and certificate courses. The Student Enrichment Programme Committee conducts regularly the above said courses for students under the supervision of the College Curriculum Committee.

Online Education is also given its due importance in the institution and the members are trained under KUHS on online education training Programme to deliver it to the students as and when the need arises. MOODLE Platform is chosen as the preferred Learning Management System based on quality, data security and cost effectiveness. It is applicable to exchanging materials, live interactions and discussions.

Orientation courses are conducted for students entering internship to make them aware of the various opportunities available to them after completing the course in India and abroad with Eminent speakers of both national and international calibre provide them awareness of the same and also give them a target for their future plan. Dental Camps are arranged regularly with the participation of our students to educate and motivate the general public to prevent and treat oral disease at an early stage. Our students are encouraged to publish their research findings in journals of repute.

File Description	Document
Any additional information	View Document
Link for Minutes of the meeting of the college curriculum committee	View Document
Link for any other relevant information	View Document

Other Upload Files	
1	View Document
2	View Document

1.1.2 Percentage of fulltime teachers participating in BoS /Academic Council of Universities during the last five years. (Restrict data to BoS /Academic Council only)

Response: 0

1.1.2.1 Number of teachers of the Institution participating in BoS/Academic Council of universities year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Provide scanned copy of nomination letter such BoS and Academic Council From University/ Autonomous college	View Document
Institutional data in prescribed format	View Document
Link for details of participation of teachers in various bodies	View Document

1.2 Academic Flexibility

1.2.1 Percentage of inter-disciplinary / inter-departmental courses /training across all the Programmes offered by the College during the last five years

Response: 67.86

1.2.1.1 Number of inter-disciplinary /inter-departmental courses /training offered during the last five years

Response: 19

1.2.1.2 Number of courses offered by the institution across all programs during the last five years

Response: 28

File Description	Document
Minutes of relevant Academic Council/BoS meetings	View Document
List of Interdisciplinary /interdepartmental courses /training across all the the programmes offered by the University during the last 5 years	View Document
Institutional data in prescribed format	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.2.2 Average percentage of students enrolled in subject-related Certificate/ Diploma / Add-on courses as against the total number of students during the last five years

Response: 40.48

1.2.2.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
346	326	0	7	0

File Description	Document
Institutional data in prescribed format	View Document
Details of the students enrolled in subject-related Certificate/Diploma/Add-on courses	View Document
Any additional information	View Document
Link for additional information	View Document

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

Response:

The Curriculum has incorporated various chapters in the courses of the curriculum, discussing various aspects of determinants of health, environmental issues, professional ethics, legal implications and gender issues which give the students an idea of the various cross cutting issues affecting the society. Topics like Professional Ethics , Human Values and Right to Health, Environmental Health and Legal Implications are incorporated and integrated into the curriculum by the affiliating university for the students in various BDS curriculum subjects of Oral Medicine and Radiology, Public Health Dentistry, Orthodontics and Dentofacial Orthopaedics, Periodontics , Oral Pathology, Conservative Dentistry and Endodontics, Oral and Maxillofacial Surgery , Paedodontics and Preventive Dentistry and Prosthodontics and Crown and Bridge, and MDS curriculum subjects of Conservative Dentistry and Endodontics , and Orthodontics and Dentofacial Orthopaedics. Programmes on Ethics are conducted regularly for the students and the staff members to make them aware of their ethical responsibilities in their profession. Enrichment courses are also offered to the students in the form of Value-added courses to promote harmony and human values among the students.

Women Empowerment Club (WEC) has been established in our college and the main aim of which is to support women by discussing and bringing awareness to women's issues. Various socially relevant issues affecting women are brought to the attention of our students and staff members by conducting various programmes regarding those issues and thus WEC plays a major role in increasing awareness amongst students and staff members.

The institution has a Tobacco Cessation Clinic where students can get a first-hand understanding of the harmful social implication of tobacco use and they motivate the addicted patients to quit the habit. Students are trained here to motivate the addicted patients in quitting tobacco and participate in the counselling process along with the staff posted there. No Tobacco Day Campaign is held every year by the students of our institution to promote awareness in public about the harmful effects of tobacco and showcasing various health related issues affecting the society due to this menace.

Our college has a Green Campus Initiative Committee which focuses on environment friendly practices to be implemented in the college. Some of them include landscaping with trees and plants, pedestrian - friendly pathways, use of battery powered vehicles inside the campus and celebrating special days of importance related to the same by conducting various awareness programmes. Thus, the students are made aware of the various measures undertaken for environment sustainability and in turn they can motivate their communities too of the same and thus play their part in it.

Dental Camps are conducted regularly as part of National Service Scheme by the Department of Public Health Dentistry of the institution, at various places like residence associations, schools, old age homes, institution for disabled persons and other social and charitable institutions, where our students promote oral health awareness by giving dental awareness talks to the public and give oral

hygiene aids free of cost to the public and thus contribute to the general well-being of the community.

File Description	Document
Link for list of courses with their descriptions	View Document
Link for any other relevant information	View Document

Other Upload Files

1	View Document
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1.3.2 Number of value-added courses offered during the last five years that impart transferable and life skills.

Response: 17

1.3.2.1 Number of value-added courses offered during the last five years that impart transferable and life skills.

Response: 17

File Description	Document
List of-value added courses	View Document
Institutional data in prescribed format	View Document
Brochure or any other document related to value-added course/s	View Document
Any additional information	View Document
Links for additional information	View Document

1.3.3 Average percentage of students enrolled in the value-added courses during the last five years

Response: 40

1.3.3.1 Number of students enrolled in value-added courses offered year-wise during the last five years that impart transferable and life skills

2021-22	2020-21	2019-20	2018-19	2017-18
346	326	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
Attendance copy of the students enrolled for the course	View Document
Any additional information	View Document
Link for additional information	View Document

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

Response: 100

1.3.4.1 Number of students undertaking field visits, clinical, industry internships, research projects, industry visits, community postings

Response: 346

File Description	Document
Scanned copy of filed visit report with list of students duly attested by the Head of the institution to be provided	View Document
Institutional data in prescribed format	View Document
Community posting certificate should be duly certified by the Head of the institution	View Document
Any additional information	View Document
Links to scanned copy of completion certificate of field visits/Clinical / industry internships/research projects/industry visits/community postings from the organization where internship was completed	View Document
Link for additional information	View Document

1.4 Feedback System

1.4.1 Mechanism is in place to obtain structured feedback on curricula/syllabi from various stakeholders. Structured feedback received from:

1. Students
2. Teachers
3. Employers
4. Alumni

5. Professionals**Response:** A. All of the above

File Description	Document
Stakeholder feedback reports as stated in the minutes of meetings of the College Council /IQAC/ Curriculum Committee	View Document
Sample filled in Structured Feedback to be provided by the institution for each category claimed in SSR	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

1.4.2 Feedback on curricula and syllabi obtained from stakeholders is processed in terms of:**Response:** A. Feedback collected, analysed and action taken on feedback besides such documents made available on the institutional website

File Description	Document
Stakeholder feedback report	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	View Document
Link for additional information	View Document

Other Upload Files

1	View Document
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Criterion 2 - 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. Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 100

2.1.1.1 Number of students admitted from the reserved categories as per GOI or State Government norms year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
21	21	21	21	21

2.1.1.2 Number of seats earmarked for reserved categories as per GOI or State Govt. norms year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
21	21	21	21	21

File Description	Document
Institutional data in prescribed format	View Document
Final admission list published by the HEI	View Document
Copy of letter issued by state govt. or and Central Government (which-ever applicable) Indicating the reserved categories to be considered as per the GO rule (translated in English)	View Document
Any additional information	View Document
Annual Report/ BOM report/ Admission report duly certified by the Head of the Institution	View Document
Admission extract submitted to the state OBC, SC and ST cell every year.	View Document
Link for Any other relevant informatio	View Document

2.1.2 Average percentage of seats filled in for the various programmes as against the approved

intake**Response: 100**

2.1.2.1 Number of seats filled-in for various programmes offered by the College as against the approved intake during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
54	54	54	54	54

2.1.2.2 Number of approved seats for the same programme in that year

2021-22	2020-21	2019-20	2018-19	2017-18
54	54	54	54	54

File Description	Document
The 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 Document
Institutional data in prescribed format	View Document
Any other relevant information	View Document

2.1.3 Average percentage of Students admitted demonstrates a national spread and includes students from other states

Response: 0

2.1.3.1 Number of students admitted from other states year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
List of students enrolled from other states year-wise during the last 5 years	View Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The Institution assesses the learning levels of the students, after admission and organises special Programmes for advanced learners and slow performers The Institution:

1. Follows measurable criteria to identify slow performers
2. Follows measurable criteria to identify advanced learners
3. Organizes special programmes for slow performers
4. Follows protocol to measure student achievement

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Criteria to identify slow performers and advanced learners and assessment methodology	View Document
Consolidated report of special programs for advanced learners and slow learners duly attested by the Head of the Institution	View Document
Any other information	View Document
Link for any relevant information	View Document

2.2.2 Student - Full- time teacher ratio (data of preceding academic year)

Response: 5:1

File Description	Document
List of students enrolled in the preceding academic year	View Document
List of full time teachers in the preceding academic year in the University	View Document
Institutional data in prescribed format (data Templates)	View Document

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)

Response:

The main focus of the institution is not only on academics but also on the development of a student as a whole and the entire academic, extramural, sports and other activities enable them to attain all dimensions of personal, social, intellectual, emotional, physical and psychological development. We at Noorul Islam College of Dental Science believe that co-curricular activities do play a significant role in providing opportunities for our students thereby preparing them for team work, and to develop leadership qualities.

Students' council plans out the activities for every year with the help of the coordinators. Students have the opportunity to participate in a variety of indoor and outdoor games. The college organizes "Sports Week" and "Cultural Week" annually, during which all students and faculty participate whole-heartedly. The college also encourages students to participate in intercollegiate cultural and arts and sports competitions. They are provided monetary support for costumes, jewelry and makeup to participate in the competitions. Sports jerseys with the college logo is provided to the participants.

College day is celebrated every year and both students and staff exhibit their hidden talent. It is usually accompanied with foot tapping dance numbers, melodious soul stirring songs, drama, skit, mime, poem recitation, comedy acts, cracking jokes and fashion shows. Convocation/Graduation day is also celebrated every year to showcase the transformation of a student to a full fledged Dental surgeon capable of taking on social responsibilities.

The International Yoga Day is celebrated on 21st of June at the College auditorium to usher in peace, harmony, happiness and success to every soul in the world. Yoga is a mental, physical and spiritual practice that needs to be carried every day; this was a great opportunity to imbibe the value of this discipline. It is also celebrated under the able guidance of our own Principal who himself is a master of Yoga. The sessions were attended by both faculty and students and provides with a great opportunity to imbibe the value of discipline activities with great enthusiasm.

Social outreach:

The Public Health Department of the college conducts various dental health programmes and camps including Oral health education, in villages for the benefit of general public. The Department of Pedodontics and Preventive Dentistry also conducts several oral health education programmes in various schools.

Tobacco Cessation:

World No Tobacco Day is observed on May 31 every year with the aim to create an awareness amongst the public and thereby reduce the deaths from tobacco related health problems. Tobacco has been identified as the second major cause of death in the world. Several research has shown that half the people who smoke regularly would eventually be killed by tobacco. A more alarming fact is that several thousands of people too die each year from passive smoking. The yearly celebration and the various tobacco cessation programmes informs the public on the dangers of using tobacco, and thereby create an awareness amongst the newer generations.

File Description	Document
Link for Appropriate documentary evidence	View Document
Link for any other relevant information	View Document

2.3 Teaching- Learning Process

2.3.1 Student-centric methods are used for enhancing learning experiences by:

- Experiential learning
- Integrated/interdisciplinary learning
- Participatory learning
- Problem solving methodologies
- Self-directed learning
- Patient-centric and Evidence-Based Learning
- Learning in the Humanities
- Project-based learning
- Role play

Response:

The goal of teaching and learning is to widen the mental horizon of the students so as to make them conceptually clear of their knowledge and to apply them for their personal as well as social problems.

Experiential learning:

Our Institute uses various techniques, all of which support interaction between participants and teamwork. By the method of performing pre-clinical and hands on exercises on study models the students learn the clinical aspects of dental surgery. Then through case history taking they learn the art of verbal and communication skills thereby progressing to handling of patients and subsequently start treatment procedures after gaining confidence in their own abilities.

Integrated/interdisciplinary learning:

A more direct as well as an engaging method of instruction which will ensure student participation is being followed. In the clinics the students are encouraged to take patients with multiple complaints. Then they are tasked with deciding and carrying out the complete treatment procedures needed and also present during the clinical club meetings.

Participatory learning: Through the various Public Health Dentistry camps the students are given an opportunity to interact with the community and also by making them to educate the locals on the various dental issues we instill a sense of participation and also a sense of communication in the students.

Problem-solving methodologies: Our institution utilizes lectures, laboratory experiments and small-group teaching, for the purpose of Problem –Solving methodology. In this we use a small group-teaching method

to elicit the needed information for the purpose of solving a problem. This methodology is more effective than the conventional listening or reading approach.

Self- directed learning: Various teaching methods are being followed for this purpose

1. Self and peer-assisted learning – Advanced learners are encouraged to assist slow learners.
2. The students are given assignments and projects and seminars as home assignments
3. The Graduates and Post Graduates are guided for preparing PowerPoint presentations of seminars and journal clubs on advanced topics for the purpose of improving their skills and Knowledge.

Patient-centric and Evidence-based learning: By introducing the students to the dental practice along with clinical postings in General Medicine and General Surgery they are taught in clinical subjects based on patient-centric methods. Evidence-based dentistry training is also given to the students so as to improve their diagnostic abilities.

Learning in Humanities: Through the conduction of intra and inter departmental clinical clubs and activities the students are trained to nurture creative skills for their holistic development. The various camps conducted in the underprivileged sections of our community gives them an opportunity to understand the need for giving back to the society too.

Project-based learning: The students are encouraged to do project-based learning not only on academic topics but also on issues of social values like Tobacco cessation, Oral health maintenance etc which allows to nurture their creativity and thinking skills.

Role Play: Right from the first-year three-dimensional models are shown before explaining procedures and practical works enabling them to deliver comprehensive treatment planning.

File Description	Document
Link for learning environment facilities with geotagging	View Document
Link for any other relevant information	View Document

2.3.2 Institution facilitates the use of Clinical Skills Laboratory / Simulation Based Learning The Institution:

1. Has Basic Clinical Skills / Simulation Training Models and Trainers for skills in the relevant disciplines.
2. Has advanced simulators for simulation-based training
3. Has structured programs for training and assessment of students in Clinical Skills Lab / Simulation based learning.
4. Conducts training programs for the faculty in the use of clinical skills lab and simulation methods of teaching-learning

Response: A. All of the above

File Description	Document
Report on training programmes in Clinical skill lab/simulator Centre	View Document
Proof of patient simulators for simulation-based training	View Document
Proof of Establishment of Clinical Skill Laboratories	View Document
Institutional data in prescribed format	View Document
Geotagged Photos of the Clinical Skills Laboratory	View Document
Details of training programs conducted and details of participants.	View Document
Any other relevant information	View Document
Link for additional information	View Document

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

Response:

Introduction:

Various LMS platforms like Google Classrooms integrated with Moodle are being used for the purpose of learning and its salient features are used to disseminate knowledge to our students. All our faculties are provided with an unique login ID and password for accessing the LMS and they can access their subject portals while the students are provided access to all the subjects too.

Lecture Halls:

All lecture halls are provided with state-of-the-art smart class rooms with interactive digital boards wireless internet, overhead projector and collar mikes with speakers. The smart class ensures a highly interactive session with the students. It also enables the teacher to graphically explain the topics as well as use videos to explain difficult to understand surgical and medical topics. Internet has enabled students to get exposed to a wide range of resources for conducting research projects, scientific seminars, experiments in laboratories, online activities, sharing documents, writing and speaking skills. The faculty use relevant ICT facilities like power point presentations/educational videos etc whenever necessary for the purpose of delivering didactic lectures for both undergraduates and postgraduates so as to keep the classroom sessions interactive and lively. Students and faculty both participate in project work / seminar presentations to share knowledge on current topics. This helps the students to improve their skills in communication, personality development, group discussions, case studies, presentation etc.

IT Devices:

A fully enabled IT section makes it possible for any academic related work to be carried out with their help. All the systems are also equipped with antivirus and web page blocking software which prevent access into non-academic websites. Computer assisted aids like CBCT, OPG, endodontic microscope etc helps in instant diagnosis and effective treatment planning for our patients. The faculties are also provided access to online library resources from EBSCO Host for updating their knowledge regularly.

ICT usage in access to e-books:

The library is well automated and has subscription for various E-Books and E journals of various specialties. The students have full access to these and can access them at their own convenience. They can even access them at the convenience of their hostel rooms or home. Through the usage of e-resources the students get an opportunity to keep them updated with the recent advances in their individual specialty and Dentistry as a whole.

ICT usage in access to databases:

The library has access to various data bases sand hence the students easily refer various indexed research articles including full texts which will be of great help for them for publishing their research works in reputed Journals. This also gives them an opportunity to collect research data for compiling their library dissertation as well as Thesis. There is a plagiarism detection software available in the library which helps the students to screen their articles during the publication process and also to screen their presentation materials too.

File Description	Document
File for list of teachers using ICT-enabled tools (including LMS)	View Document
File for details of ICT-enabled tools used for teaching and learning	View Document
Link for webpage describing the “LMS/ Academic Management System”	View Document
Link for any other relevant information	View Document

2.3.4 Student :Mentor Ratio (preceding academic year)

Response: 9:1

2.3.4.1 Total number of mentors in the preceding academic year

Response: 38

File Description	Document
Log Book of mentor	View Document
Institutional data in prescribed format	View Document
Copy of circular pertaining the details of mentor and their allotted mentees	View Document
Approved Mentor list as announced by the HEI Allotment order of mentor to mentee	View Document
Any other relevant information	View Document
Link for any other information	View Document

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

Response:

The teaching learning process of our institution recognizes the importance of creativity, innovation and analytical skills for the progress of the students and also in building a very successful career. Various classroom and beyond classroom activities are programmed for achieving this objective. The clinical postings through the process of training in various specialty wise procedures, pre-clinical laboratory training, projects, seminars, and continuing dental education ensures the development of the analytical skills of the students and also enables them to apply their knowledge in day-to-day practice and also to analyze the outcome of treatment during their clinical postings. They are also taught about ethics and to evaluate the scientific literature and information to decide the treatment.

Research and Innovation

The students are involved in several research projects during the course of the study. Skills are developed to coordinate & supervise the activities of allied dental health personnel and to maintain all records. Skills are developed at arriving provisional, differential and final diagnosis for patient care and treatment. The curriculum ensures that the student gains knowledge to prescribe investigations and analytically analyze them for treatment planning. They are also taught to integrate multiple disciplines into an individual comprehensive sequenced treatment plan using diagnostic and prognostic information for patient care and treatment planning.

Laboratory skills

As part of the initial training the students develop Laboratory skills in areas like Crown and Bridge, Aesthetic Dentistry and Oral Implantology and also dental morphology. As part of their curriculum, preclinical work and work on models to simulate the oral structures are done which makes the students more creative and also develops a better understanding of the subject.

Clinical Skills

During the clinical postings the students gain adequate clinical hands on-experience in the various branches of dentistry like extractions and other minor oral surgical procedures, all aspects of Conservative Dentistry, Endodontics, Crown and Bridge, fabrication of dentures, periodontal therapeutic procedures and use of orthodontic appliances. Moreover, their training in the field of intra oral radiology and their interpretation they develop their skills in diagnosing a disease.

Innovative Teaching

Various innovative teaching methods such as phantom head, pre-clinical plaster model exercises, restoration of caries in natural and artificial teeth and wax carving make the student confident enough to work on patients with a better understanding of the basics. During the clinical stage of training, each student will get involved with full mouth health care. Since we teach the students the process of diagnosis, prognosis and treatment planning along with the radiographic techniques and their interpretation they become fully developed clinicians with the ability to treat any oral diseases on their own competently. The lengthy process of case history taking and discussing makes them proficient in the process of creative thinking and applied knowledge and helps them in arriving at a confirmatory diagnosis with ease. Also, they become confident enough to formulate a treatment plan on their own.

File Description	Document
Link for appropriate documentary evidence	View Document
Link for any other relevant information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of fulltime teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Sanction letters indicating number of posts (including Management sanctioned posts) by competent authority (in English/translated in English)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Links for additional information	View Document

2.4.2 Average percentage of fulltime teachers with Ph.D./D.Sc./ D.Lit./DM/M Ch/DNB in super specialties /other PG degrees (like MD/ MS/ MDS etc.,) 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.

Response: 22.36

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 (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. Last five years data to be entered.

2021-22	2020-21	2019-20	2018-19	2017-18
23	17	16	14	13

File Description	Document
Institutional data in prescribed format	View Document
Copies of Guideship letters or authorization of research guide provide by the the university	View Document
Any additional information	View Document
Link for additional information	View Document

2.4.3 Average teaching experience of fulltime teachers in number of years (preceding academic year)

Response: 8.25

2.4.3.1 Total teaching experience of fulltime teachers in number of years (cumulative experience)

Response: 619

File Description	Document
Institutional data in prescribed format	View Document
Consolidated Experience certificate duly certified by the Head of the insitution	View Document
Any additional information	View Document
Link for additional information	View Document

2.4.4 Average percentage of teachers trained for development and delivery of e-content / e-courses during the last 5 years

Response: 71.63

2.4.4.1 Number of teachers trained for development and delivery of e-contents / e-courses year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
64	50	47	60	45

File Description	Document
Institutional data in prescribed format	View Document
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	View Document
Any additional information	View Document
Web-link to the contents delivered by the faculty hosted in the HEI's website	View Document
Link for additional information	View Document

2.4.5 Average Percentage 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 last five years

Response: 0.54

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

2021-22	2020-21	2019-20	2018-19	2017-18
1	0	0	0	1

File Description	Document
Institutional data in prescribed format	View Document
e-Copies of award letters (scanned or soft copy) for achievements	View Document
Link to additional information	View Document

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

Response:

The Academic Calendar:

The Principal of the college prepares the framework for the academic year to be incorporated to the academic calendar. A series of meetings are conducted by the members of the IQAC and the College Academic Council prior to the preparation of the calendar for the purpose of getting the concurrence on the timetable, internal examination dates and clinical posting schedules. The Heads of all Departments too play an important role in implementing the activities and schedules that are planned for the academic year. The students are appraised of the academic calendar in the beginning of the academic session and the same is uploaded to the college website and also is displayed in the college notice boards. The academic calendar includes the dates of commencement and completion of syllabus, schedules of internal exams. The teachers prepare the teaching plans according to the academic calendar and guidelines of the University and implements it accordingly.

Continuous internal evaluation:

The examination schedule is fixed by the University and the same is displayed on the college notice board for students. If at all there is any change in the schedule the same is informed well in advance to the students. Meanwhile every effort is taken by the Institute to adhere to the academic calendar for CIE. CIE has evolved continuously over a period of years and provides directions and set of strategies for accomplishing the academic mission of the college.

Internal marks:

Internal marks are awarded to the students by considering the marks of the two internal and one model examination. The average of the best of the two internals and the marks of the model are taken for finalizing the internal marks which are then sent to the university.

Transparency in internal evaluation:

The students are given an opportunity to go through their corrected answer papers and if they have any concerns, they have an opportunity to discuss the same with the faculties. The faculty in turn discusses the shortcomings and gives them valuable suggestions to improve their performance and grades for the forthcoming exams. This helps the students to improve their internal grades and also to improve their academic performance during the university examinations. The slow learners are given a chance to improve their performance by conducting re-tests and also through various mid-course improvement procedures.

File Description	Document
Link for dates of conduct of internal assessment examinations	View Document
Link for any other relevant information	View Document
Link for academic calendar	View Document

2.5.2 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

The Kerala University of Health Sciences conducts examination every year for BDS and MDS. Theory exams are followed by practical and clinical exams under the supervision of internal and external examiners. Examinations are conducted as per the rules and regulations of KUHS and theory answer scripts are valued by a central evaluation system in the University premises/ Digital valuation centers of the affiliated colleges as per university norms. University has also given strict instructions to all the colleges for installation of CCTV cameras for CIE and university examinations. Strict surveillance of the students are conducted and they are thoroughly observed as soon as they enter the examination hall and also after they are seated by the invigilators. With regarding to the grievances regarding evaluation of the university exam answer script the students can apply to the university (KUHS) which permits only for re-totaling or challenging of marks and the students is permitted to apply for photocopy of theory answer book and score sheet of any papers at an examination, online through the Principal or Head of the institution, within the stipulated time. An grievance cell for student's redressal for grievance is present in the college.

Submission of appeals:

After the results are published on the website, students having any issues with marks awarded by university can apply for accessing their answer scripts which are available on the university website. Guidelines for the issue of photocopy of answer sheets of failed candidates are given on the KUHS website for reference.

Provision of re-totaling and re-assessment:

As per University norms, answer scripts are doubly evaluated before the publication of results. Since answer scripts are doubly evaluated, there is no provision for re-assessment. But has only for retotaling or challenging.

For continuous internal examination (CIE): submission of appeals:

In NICDS, Sessional exams (CIE) are conducted once in three months at the end of each term as per the norms. After the sessional results are displayed on the notice board/ discussed with students, if any student has a grievance related to examinations, the students can apply for re-totaling and reassessment in a prescribed format which is available in the grievance cell. Filled-up forms should be submitted to the HOD of the concerned subject who will ascertain the genuine nature of the complaint and take necessary corrective actions, like re-totaling and re-assessment. After the corrective actions are taken, the students are

informed and necessary corrections are made in the exam mark list and submitted to the academic cell.

File Description	Document
File for number of grievances regarding University examinations/Internal Evaluation	View Document
File for details of University examinations / Continuous Internal Evaluations (CIE) conducted during the last five years	View Document
File for any other relevant information	View Document

2.5.3 Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system.

Response:

Examination procedures:

The Examination schedules are announced by the University along with the prescribed fees in its website. The college registers the particulars of subjects they are appearing and the details of examination fees paid to the university examinations register through online mode along with the applications which are then processed. The Hall Tickets are distributed at the college. The university uploads question papers in the institution login and the college downloads the same. The required copies of the question papers are downloaded in the presence of the Exam superintendent and the University appointed Observer and the whole procedure is recorded using HD CCTV Surveillance which is present in the examination hall. The continuous CCTV surveillance during the examinations and the video coverage of the conduct of examinations is sent to the university along with the answer papers on the same day itself.

Processes integrating IT:

The exam hall is installed with HD cameras and high-speed internet connections. A computer and printer are also available in the hall to take copies of relevant documents and question paper. The results of internal assessment are informed to the students through mail to their houses. Uploading of internal assessment marks prior to the university examinations, payment of university examination fees, download of question papers at the time of university examinations from the university website, valuation of answer scripts and declaration of results are all fully automated.

University Examination Reforms:

The University reforms in the conduction of examinations include video recording of examination halls, dummy numbering and scanning of answer scripts. There is a centralized mode of valuation with three valuers correcting paper.

Self-Assessment:

The students are provided with monthly test papers. They are also given seminars and project works for the purpose of assessing their skills.

Work place-based assessment:

Various Dental camps are conducted by the Department of Public Health Dentistry wherein the student gets the chance of doing clinical work as well as develop the skill of communication and spread of Dental health awareness amongst the public.

OSPE/OSCE

Our students are exposed to OSPE/OSCE based evaluations. This encourages the students to learn the subjects in more structured and analytical methodology.

File Description	Document
Link for Information on examination reforms	View Document
Link for any other relevant information	View Document

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:

1. Timely administration of CIE
2. On time assessment and feedback
3. Makeup assignments/tests
4. Remedial teaching/support

Response: A. All of the above

File Description	Document
Re-test and Answer sheets	View Document
Policy document of the options claimed by the institution duly signed by the Head of the Institution	View Document
Policy document of midcourse improvement of performance of students	View Document
List of opportunities provided for the students for midcourse improvement of performance in the examinations	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Links for additional information	View Document

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

Response:

The learning outcomes of both BDS and MDS programs are defined by the affiliating university and the college takes the necessary steps for implementing the curriculum in order to achieve the learning outcomes. The information about outcomes is communicated to the students and teachers through the website of the college and in the orientation program. Important learning outcomes are listed below.

Learning Outcomes:

- Ø Integration of basic sciences, clinical dental surgery and practical and laboratory skills
- Ø Sufficient practical skill including patient management skill for treatment of patients of all ages with special reference to pediatric, geriatric and medically compromised and disabled patient
- Ø Sociological aspects of health care particularly oral health care including the reasons for the variation in oral and dental needs of the society.
- Ø Motivated for interdisciplinary research activities and emphasis on evidence-based dentistry
- Ø Participation in Continual Dental Educational programs in dental surgery to update knowledge and skills
- Ø Learns significance of infection and cross infection control in dental practice

- Ø To learn the importance of various dental tissues in forensic sciences.
- Ø Attends dental hospital and general hospital postings, community camps
- Ø Administer all forms of local anesthesia knowledge of various maxillofacial problems like injuries, infections and deformities of the jaw.
- Ø Restoration of various kinds and endodontic procedures, removable and fixed prosthodontics.
- Appreciate the role of dentofacial growth and development of malocclusion.
- Ø Train in various radiological techniques and its interpretations

Graduate Attributes:

The Graduate attributes are defined by the affiliating university and the college takes steps to assess the students on these attributes as per the guidelines of the university. Important Graduate Attributes are

- Ø Graduate with clinical and technical aspects of dental surgery as is required for general dental practice
- Ø Undertake total oral and dental health care of the patients of all ages
- Ø To know the influence of social behavioral environmental and economic factors on oral and health care
- Ø Being a member of the health care team delivering medical and oral health care particularly among the rural population.
- Ø Self-centric learning for continuous upgrading of dental surgery.
- Ø Gains knowledge in newer technologies of the dental surgery
- Ø Helps to pursue forensic science as a career as well as maintenance of records which could provide useful means for forensic investigations
- Ø Graduate able and competent to recognize and diagnose dental and oral disease to undertake dental treatment and advise on prevention.
- Ø Skills developed for general dental practice for extraction of teeth, minor oral surgical procedures.
- Ø Competent enough to carry out such procedures with grade skills in general practice.
- Ø Simple appliance therapy for patients in the field of orthodontics.
- Ø Awareness in hazards in radiation proper protection measures for patient, operator and staff.

Ø Both the students and teachers are informed about the Graduate Attributes during the orientation program and through the college website.

File Description	Document
Link for upload Course Outcomes for all courses (exemplars from Glossary)	View Document
Link for relevant documents pertaining to learning outcomes and graduate attributes	View Document
Link for methods of the assessment of learning outcomes and graduate attributes	View Document
Link for any other relevant information	View Document

2.6.2 Incremental performance in Pass percentage of final year students in the last five years

Response: 93.44

2.6.2.1 Number of final year students of all the programmes, who qualified in the university examinations in each of the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
42	37	27	22	20

2.6.2.2 Number of final year students of all the programmes, who appeared for the examinations in each of the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
42	40	27	23	22

File Description	Document
Trend analysis for the last five years in graphical form	View Document
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 Document
List of Programmes and the number of students passed and appeared in the final year examination each year for the last five years	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Links for additional information	View Document
Link for the annual report of examination results as placed before BoM/ Syndicate/ Governing Council for the last five years	View Document

2.6.3 The teaching learning and assessment processes of the Institution are aligned with the stated learning outcomes.

Response:

The learning outcomes are made up of General Skills, Practice Management, and Knowledge about infection and Cross infection in Dentistry. The course outcomes are course specific and grouped under Knowledge and Understanding, Skills and Attitude. The implementation of the curriculum for BDS and MDS programs are carried out through proper planning by following the academic calendar in terms of time tables, conduct of internal examinations and practical classes. The learning process is made of two components viz. theory and practical's involving patients. The outcome of learning process is derived from the performance in university examinations. The fact that our students scoring high marks in the continuous assessment and university examinations exemplifies that they have acquired the knowledge and skills required for their professional career. Thus the learning process is aligned to generic learning outcome of the program.

For the BDS program students, the basics of Human Anatomy, Physiology, Biochemistry, Pharmacology and Microbiology, Anatomical Structure and Development of oral tissues, Preclinical Training on Tooth Models for Restorations, Tooth Carvings and Replacement of Teeth are provided prior to handling of the patients clinically. This facilitates the students to successfully ensure the outcomes of the learning process viz. skills, knowledge and attitude relating to the outcomes of the program.

For students of MDS program based on their speciality, the departments implement the curriculum to fulfil the objectives of the speciality related academic activities like Main Dissertation, Library Dissertation, Seminars, Journal clubs, case presentations as well as presentations in various national conferences and the

clinical procedures related to their speciality. These activities generate the necessary program outcomes.

In the final year of study, the clinical curriculum is started in the form of clinical postings. In addition to Dental Departments, the students also attend General Medicine and General Surgery lectures and clinical postings to know the correlation and interactions of various systemic diseases with oral manifestations. Each student is given a set of clinical cases to be performed in each year and individual clinical evaluation is carried out at the end of the postings. The students are also made to understand the concept of community oral health education and be ready to participate in the rural health care delivery programs. This fulfils the requirement of our students to demonstrate their knowledge of the theory, practical and ability for Communication and Community Resources, Patient Care Diagnosis, Patient Care Treatment Planning, Competencies specific to the subject. Apart from the regular academic curriculum, the students are also encouraged to attend various value-added courses offered by the college that impart basic life skills and other executive development programs for enhancing communicative skills involving patients. The element of research is achieved through our students involving in short research projects during their course of study. Also, the research component of the study enables the students to update them with the contemporary trends in research settings and paves way for innovation.

File Description	Document
Link for programme-specific learning outcomes	View Document
Link for any other relevant information	View Document

2.6.4 Presence and periodicity of parent-teachers meetings, remedial measures undertaken and outcome analysis

Response:

Introduction:

The main purpose of the PTA meeting is to create an awareness among the parents about the institutional initiatives, vision, mission, strategic plan, infrastructure, teaching learning and assessment process. They also get an opportunity to meet the teachers and discuss the information about their wards' academic performance, their behaviour and also gets an insight to the opportunities created by the college for the development of the students skill too.

How the PTA meeting is planned:

The institution follows a professionally structured mechanism for the purpose of planning and executing parents – teachers meeting (PTM) which is scheduled soon after the admission process and just before the starting of the first academic year. The institution mandates the presence of parents for the meeting and those who cannot attend should give in writing an undertaking stating that a responsible guardian would attend the meeting.

Process of the PTA meeting:

The meeting starts with an address by the Principal who gives an orientation to the students as well as their parents regarding the course and its outcome, dedication expected by the students in order to achieve the course outcome. This will be then followed by a detailed explanation by the heads of departments of all the concerned subjects briefing on their department and also introduces the other faculties. The parents and their wards are made aware of the rules and regulations of the institution. The mentor mentee system assures the parents of the additional responsibility taken up by the institution towards providing extended support to their wards.

Parents interaction with mentors:

During the course of the meeting, the mentors discuss the students' performance in each subject with the concerned parents individually. The slow learners of students facing any difficulties in learning are noted and given special attention. The parents and students have full freedom to give the freedom to express their concerns and problems if any. The mentors then prepare the report and discuss with PT committee.

Follow up PT meetings :

The institution informs the concerned parents of any matter concerning the students that require urgent measures. The matter is then discussed in the presence of committee members, the concerned parents and the ward. Every effort is made by the institution to sort out the issues effectively and at the same time empathetically keeping in mind the best interest of students.

Obtaining feedback from parents:

The parents feedback on their experience and opinion regarding the PTM is then obtained for further reference. They are then carefully analyzed after every meeting is then carefully analyzed and utilized for enhancing the overall quality of institution. The freedom to express their concerns are given to the students as well as the parents and all their queries and suggestions are taken up in their true spirit and sense and are then empathetically resolved.

File Description	Document
Link for proceedings of parent –teachers meetings held during the last 5 years	View Document
Link for follow up reports on the action taken and outcome analysis.	View Document
Link for any other relevant information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.33

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Percentage of teachers recognized as PG/ Ph.D research guides by the respective University

Response: 3.77

3.1.1.1 Number of teachers recognized as PG/Ph.D research guides during the last 5 years

2021-22	2020-21	2019-20	2018-19	2017-18
6	2	2	2	2

File Description	Document
List of full time teacher during the last five years	View Document
Institutional data in prescribed format	View Document
Copies of Guideship letters or authorization of research guide provide by the university	View Document
Any additional information	View Document
Link for Additional Information	View Document

3.1.2 Average Percentage of teachers awarded national /international fellowships / financial support for advanced studies/collaborative research and participation in conferences during the last five years

Response: 6.68

3.1.2.1 Number of teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research and conference participation in Indian and Overseas Institutions year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
21	0	1	1	2

File Description	Document
Institutional data in prescribed format	View Document
Fellowship award letter / grant letter from the funding agency	View Document
Any additional information	View Document
Link for Additional Information	View Document

3.1.3 Total number of research projects/clinical trials funded by government, industries and non-governmental agencies during the last five years

Response: 0

3.1.3.1 Number of research projects/clinical trials funded by government/industries and non-government agencies year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Noorul Islam College of Dental Sciences serves as a center for guiding and supporting research activities for our students and staffs. The college has a structured Research Committee to facilitate and promote research. The Institutional Ethics Committee grants ethical clearance for the research proposals cleared by the Research Committee after thorough scrutiny. Two post graduate departments of our college have got approval as Research Center under Kerala University of Health Sciences (KUHS). Our institution serves as a center for guiding and supporting research activities for its students and staffs. Institution fosters a conducive environment for faculties and students to conduct research, to express innovative ideas and to implement them into reality.

A Dental research cell is functioning in our college to foster the research activities of dental students and

faculty. DENTIN (Dental Entrepreneurship Nurturing and Technical Innovation Network), an initiative of research cell continuously guide and support various innovative projects undertaken by the students and faculty. PGs from the department of endodontics are involved in various innovative projects like 1. Device for delivering different irrigant solutions 2. LAMP – PCR based diagnostics for oral infection 3. Oral biofilm targeted nanobiomedicine formulation under DENTIN. Our institution also has 6 innovative student projects which are carried out under the guidance of Innovation committee and various departments. These include 4 Dental Projects namely 1. Patient identification system using QR code, 2. Designing a mechanical device to orient the maxillary occlusal plane 3. Diagnostic tool to determine Lateral Throat form 4. Innovative finger brush. Two other innovative projects include Rain water harvesting and water recycling for organic farming and Banana Fabric Research

An Institutional Research committee comprising of head of departments coordinates research activities and provides guidance and motivation to students and faculty to conduct quality research and publication. Research department regularly conducts workshops in research methodology, intellectual property rights, clinical and nonclinical subjects etc. Faculty members are provided financial support for attending conferences and workshops based on recommendation by research committee. Faculty and students are encouraged to publish in Scopus, Web of Science and Medline indexed journals with high impact factor.

Research and Workshop committee has conducted nearly 25 seminars and workshops related to Intellectual Property Rights (IPR), Research methodology, and Good clinical practices. Our institution staff has more than 150 publications in peer reviewed journals and has around 5 books/chapters in books in the last five years. Our institution has signed around 50 MoUs and collaborations with various organizations for research, academic and clinical training. The institution has 28 PG projects and 24 ongoing UG projects. PG students have presented papers in national and international conferences. PG students have published papers in state and national journals

A Mega Dental Exhibition was conducted by the students on March 7, 2022 at NIMS College Auditorium which was attended by students of GR Public school, Sree Vivekananda memorial public school, Ezhuthachan college of pharmacological sciences and general public. The Department of Pedodontics in collaboration with Nims Spectrum is conducting a program to train interns in handling children with special needs.

File Description	Document
Link for details of the facilities and innovations made	View Document
Link for any other relevant information	View Document

3.2.2 Total 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 last five years**Response:** 27

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
25	2	0	0	0

File Description	Document
Report of the workshops/seminars with photos	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

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 stated Code of Ethics for research, the implementation of which is ensured by the following:

1. There is an Institutional ethics committee which oversees the implementation of all research projects
2. All the projects including student project work are subjected to the Institutional ethics committee clearance
3. The Institution has plagiarism check software based on the Institutional policy
4. Norms and guidelines for research ethics and publication guidelines are followed

Response: B. Any 3 of the above

File Description	Document
Share the code of ethics of research clearly stating the claims of the institution duly signed by the Head of the Institution	View Document
Institutional data in prescribed form	View Document
Any additional information	View Document
Link for Additional Information	View Document

3.3.2 Average number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines received per recognized PG teacher of the Institution during the last five years.**Response: 8**

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 last five years.

Response: 16

3.3.2.2 Number of PG teachers recognized as guides by the Regulatory Bodies / Universities during the last five years.

Response: 2

File Description	Document
PhD/ DM/ M Ch/ PG Degree Award letters of students (with guide's name mentioned)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for any additional information	View Document

3.3.3 Average 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 last five years**Response: 0.93**

File Description	Document
Institutional data in prescribed form	View Document
Any additional information	View Document
Web-link provided by institution in the template which redirects to the journal webpage published in UGC notified list	View Document
Link for Additional Information	View Document

3.3.4 Average number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings indexed in UGC-CARE list on the UGC website/Scopus/Web of Science/PubMed/ during the last five years**Response: 0**

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional Information	View Document

3.4 Extension Activities

3.4.1 Total number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS / NCC / Red Cross / YRC / Institutional clubs etc. during the last five years.

Response: 621

3.4.1.1 Number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS/NCC/Red Cross/YRC/Institutional clubs etc. during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
256	8	101	132	124

File Description	Document
Photographs or any supporting document in relevance	View Document
List of students in NSS/NCC/Red Cross/YRC involved in the extension and outreach activities year-wise during the last five years	View Document
Institutional data in prescribed format	View Document
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 Document
Link for Additional Information	View Document

3.4.2 Average percentage of students participating in extension and outreach activities during the last five years

Response: 60

3.4.2.1 Number of students participating in extension and outreach activities year-wise during last five

years

2021-22	2020-21	2019-20	2018-19	2017-18
219	215	201	159	168

File Description	Document
Institutional data in prescribed form	View Document
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 Photographs or any supporting document in relevance	View Document
Link for additional information	View Document

3.4.3 Number of awards and recognitions received for extension and outreach activities from Government / other recognised bodies during the last five years

Response:

Noorul Islam College of Dental Sciences was established under the aegis of Noorul Islam Educational Trust, founded by Dr.A.P Majeed Khan, a man renowned for his farsighted vision in the field of education in the year 2006. Noorul Islam Educational Trust has completed 64 years of service in Education. This institution was established with the noble aim of uplifting the educationally downtrodden rural population in and around the district. Noorul Islam College of Dental Sciences and Nims Medicity Hospital was established in Neyyatinkara Municipality which is a rural part of Kerala with a great dream to bring primary requirements of education and healthcare for the rural neighbourhood. Noorul Islam College of Dental Sciences and Nims Medicity Super specialty hospital caters to all segments of the society and provides quality treatment at the affordable rate.

Our Managing Director Mr Faizal Khan has received Rural Medical Service Excellence Award from the honourable Chief Minister of Kerala in recognition of the exemplary service to the rural population of Kerala. Our Managing Director Mr Faizal Khan received the Ramachandran-Ikeda Award 2021 instituted by The Madhavimandiram Loka Seva Trust (MMLST) and Dr. G.R. Public School in the name of Dr. G. Ramachandran for excellence in community work. Sanathana Adwaith Ashramam recognized our efforts for voluntary and free services by awarding Sri Sri Rajendra Anantha Keerthi Puraskaram 2022 for the best dental and medical health care institution.

Government of Kerala recognized our institution for donating Rs 25 lakhs to Chief Minister's Relief Fund during the floods in Trivandrum on 12-10-2018. St Mary's Higher Secondary School Pattom, Trivandrum recognized our college as the provider of Best medical and dental health care services on 23-8-2022 for the vast contributions in this field.

Our Managing Director Mr Faizal Khan received Snehasparsham 2021 Charity Award instituted by Blood Relation Organisation Charitable Society, Neyyatinkara on 21-06-2021. He also received Social Justice Award from 2018-2022 instituted by V.S.D.P (Vaikunda Swamy Smriti Mandiram) for his immense contribution to charity services. He also received Sahayatra 2017, Snehasparsham 2018, Snehasantwanam 2019, PADS Santwanam 2020, Snehavidyakiran 2021 and PADS Amrutheth 2022 instituted by PADS (Parent Association of Disabled students).

Our Managing Director Mr Faizal Khan on behalf of Noorul Islam College of Dental Sciences received the Social Icon Award 2018 instituted by Kalapremi Malayalam Daily and recognition from Attazhamangalam ward of Neyyatinkara municipality for the various social welfare activities in the neighbourhood. Aayayil Kariyilakulangara Bhagavathi Temple Trust recognized our social activities with Deevikarunyam Puraskaram. Many organizations like Lions International, Neyyatinkara Municipality recognized our oral health awareness and free dental camps with Recognition Awards.

File Description	Document
Link for list of awards for extension activities in the last 5 year	View Document
Link for e-copies of the award letters	View Document
Link for any other relevant information	View Document

3.4.4 Institutional social responsibility activities in the neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio economic development issues carried out by the students and staff, including the amount of expenditure incurred during the last five years

Response:

Students of Noorul Islam College of Dental Sciences regularly attend various health care programs such as screening and treatment camps. Important days are celebrated regularly with the active participation of the students. Dental camps and outreach programs are conducted regularly by the department of Public Health Dentistry. NICDS has conducted more than 500 outreach activities which include dental camps, NSS and Youth Red Cross activities in the last five years. Interns, faculty members, under graduate and postgraduate students actively participate in these camps. Some of the important activities done during the past five years include NIPAH Epidemic and Monsoon Disease Awareness program, Flood Relief programs, National Oral Hygiene Day Health Education Programs, National Dentists Day Awareness Camps with Free Dental Screening, Anti-Tobacco Drive Programs, World Cancer Day Awareness Campaign, Blood Donation Camps, Say No to Plastic Campaign and distribution of cloth bags, Dental Awareness Program to School Children, Plant a tree – Save a life campaigns, National Pollution control day Awareness program, Anti-drug abuse program, Aids awareness program etc. A mega dental exhibition was conducted on 7th March 2022 for public awareness about dental diseases and newer treatment options available at NIMS auditorium. Our students were involved in a large number of activities during the Covid 19 Pandemic including Community kitchen, awareness regarding preventive measures for Covid 19 through audio-visual aids via social media platform and participation in State Corona Control Team. Our college associates with NSS and Youth Red Cross for the purpose of developing the personality

and character of students through voluntary community service and as a part of alleviating human sufferings, protecting life and health and upholding human dignity. The students along with several staff visited rural areas with an objective of visiting home of bedridden and palliative patients.

Noorul Islam College of Dental Sciences and Nims Medicity Hospital were established in Neyyatinkara Municipality which is a rural part of Kerala with a great dream to bring primary requirements of education and healthcare for the rural neighbourhood. Noorul Islam College of Dental Sciences and Nims Medicity Super specialty hospital caters to all segments of the society and provides quality treatment at the affordable rate. Free medical and dental camps, child developmental therapy and dental services especially for disabled children, free heart surgeries, financial aid to poor patients, village adoption and pension schemes, free dialysis projects, flood and covid relief programs, free medicine for HIV patients are some of the charity works carried out in our institution. Our institution is also the first campus in India to provide totally khadi uniform to the staff and students of the institution. Some of the charity projects carried out include Heart to Heart Project, Spectrum Child Development Research center, Civil Service Academy, Free Dialysis Program, HIV And Infectious Diseases Clinic, Reimbursement of Treatment Cost for the needy ones, Amulya, Harithakam, Padanolsavam, Tiger etc. The details of all charity services under NIMS is available in the website-<https://nimscharity.com>

File Description	Document
Any additional information	View Document
Link for details of Institutional social responsibility activities in the neighbourhood community during the last 5 years	View Document
Link for any other relevant information	View Document

3.5 Collaboration

3.5.1 Average number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc. per year for the last five years

Response: 13

3.5.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
58	6	0	1	0

File Description	Document
Institutional data in prescribed format	View Document
Documentary evidence/agreement in support of collaboration	View Document
Certified copies of collaboration documents and exchange visits	View Document
Any other Information	View Document
Link for Additional Information	View Document

3.5.2 Total number of Functional MoUs/linkages 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. for last five years

Response: 53

3.5.2.1 Number of functional MoUs/linkages 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. for the last five years

Response: 53

File Description	Document
Institutional data in prescribed format	View Document
E-copies of the MoU's with institution/ industry/ corporate house, Indicating the start date and completion date	View Document
Any additional information	View Document
Link for additional information	View Document

Criterion 4 - 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

Response:

The college provides cutting-edge infrastructure for teaching and learning to the students over and above the minimum requirements of regulatory bodies DCI and KUHS as it is critically related to our vision and mission.

The Five spacious **Lecture Halls** available are augmented with **smart interactive boards**, AV equipments, wifi etc.

The 2 **Seminar Halls** integrated with projectors are places where students and faculty members discuss emerging technologies.

Airconditioned AV Room which can accommodate 75 people at a time equipped with LCD projector and WIFI is available for CDE programs, brain-storming sessions etc. The **auditorium** of 8000 sq. ft which is fully airconditioned with seating capacity of over 1000 is used for conferences and cultural events. **NAAC IQAC room** which doubles as **teleconferencing room** integrated with projector and WIFI facility is utilized for conducting online and offline meetings.

Well stacked **Central library** of 4500 sq. ft and seating capacity of 75 with integrated browsing room facilitate E-learning along with traditional learning. The library is **fully automated** with **ILMS software KOHA** and provides in person and remote access facilities.

Preclinical labs with advanced patient simulators, phantom heads in Prosthodontic and Conservative dentistry departments help students to have hands-on experience of dental procedures prior to their clinical postings. The institution has **basic sciences labs** with patient simulation facilities like manikins, cadavers etc. Three of these preclinical and basic sciences labs have integrated LCD projectors which transforms them into **classroom linked labs (CLABS)** where teachers demonstrate advanced clinical procedures and techniques.

Ceramic and acrylic labs, casting laboratories imparts facility for fabrication of dental prosthesis.

Museums available in selected departments aids in practical understanding of various subjects.

Advanced Histopathology Diagnostics lab and **Centre for Genomic Medicine (Genetic lab)** with advanced facilities like **RT-PCR, NGS** etc. is attached to the hospital which helps in accurate diagnosis and research.

The **attached dental hospital** with more than adequate number of patients is an excellent training ground for clinical learning. Technologies available in the dental hospital like **digital dental radiography** with both intraoral and extraoral techniques like **IOPA, OPG and CBCT** helps in radiology aided diagnosis and treatment. **Well-equipped dental operation theatre** is available where students assist and learn

craniofacial surgeries. The dental hospital also has a **24 × 7 dental casualty** where training is given in handling dental emergencies.

Comprehensive, Aesthetic, Geriatric, Implant and dental clinic for specially-abled and neuroatypical children (SPECTRUM) help students in a comprehensive clinical learning.

For teaching of medical subjects in the curriculum the institution has an **attached NABH accredited Medical Hospital** with 350 beds. The facilities in hospital include 24 × 7 casualty, 24x7 blood bank, super speciality departments with advanced facilities like Cath lab, kidney and liver transplant, NICU etc.

Learning in community is taken care of by attached **satellite clinic** in Chavadinada, Kuttachal kuzhi PO, Balaramapuram and **high tech mobile dental van** which is utilized for various dental camps in rural areas.

AYUSH learning cum therapy centre available within the campus provides exposure to Indian systems of medicine.

File Description	Document
Link for list of available teaching-learning facilities such as Classrooms, Laboratories, ICT enabled facilities including Teleconference facilities etc., mentioned above.	View Document
Link for geotagged photographs	View Document
Link for any other relevant information	View Document

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

Response:

The institution emphasises sports and cultural activities for students and staff as a means of maintaining physical and mental health and relaxation. Facilities are provided by the institution to students and staff to play various games and involve themselves in yoga and other cultural activities.

The institution is in the process of establishing an indoor sports complex which houses football turf court, badminton court, gymnasium, yoga centre, and facilities for games like chess, carroms etc.

Students and staff are encouraged to participate in various track and field events, games like cricket, football, volley ball, Kho-Kho, Kabbaddi, throwball, badminton etc and training and practice facilities are arranged at nearby municipal stadium outside the campus hired on long term basis.

There is a **physical education department** with an in-house full time well qualified **physical education trainer** who guides and trains the students in various sports and games. The institution has an excellent **all women hockey and all women football team**.

Intra college Sports and cultural meet is conducted annually with much fanfare and enthusiasm.

Grand **Yoga sessions** are conducted on yoga day every year lead by none other than our Principal who himself is a yoga expert. There is a **Yoga Club** which actively organises Yoga related programs and **regular Yoga classes** within the campus.

Airconditioned Auditorium of 8000 sq.ft is available for various cultural activities like annual intra college cultural meet, freshers' day, celebration of festivals like Onam, Christmas etc., and celebration of various events like dentist's day etc.

Airconditioned AV room with seating capacity of 75 and ICT tools like LCD projector, WIFI etc is utilized for smaller cultural and academic events.

Our **students are encouraged to participate in state level Inter-institutional Sports and cultural competitions** conducted by Kerala University of Health Sciences, Indian Dental Association and other similar bodies. They participate enthusiastically and win prizes too.

Winners of various programs are felicitated in the annual college day programs with mementos and awards. Overall batch wise champions and individual champions are also declared and felicitated during the annual day functions.

Students are also encouraged and facilities provided to participate in social service activities like **Youth Red Cross, Gandhian club, Literary club, National Service Scheme** etc. Students are encouraged to involve themselves in environment preservation activities through participation in **World Wildlife Fund and ocean cleaning**. Students are actively encouraged and facilities provided for enhancing their skills in fine arts like **dancing, music** etc.

File Description	Document
Link for list of available sports and cultural facilities	View Document
Link for geotagged photographs	View Document
Link for any other relevant information	View Document

4.1.3 Availability and adequacy of general campus facilities and overall ambience

Response:

The institution provides high class general infrastructure facilities for overall needs of students, faculty and patients.

Medical needs are taken care of by **Attached NABH accredited Medical Hospital** with 350 beds. The salient features of the hospital include 24 × 7 casualty, super speciality departments with advanced facilities like Cath lab, kidney and liver transplant, NICU etc. Mental well-being is taken care of by in-house woman **counsellor, clinical psychologist** and consultant psychiatrist. **Ambulance** service and **24x7**

blood bank facility are available. Dental health needs are taken care of by the attached dental hospital with **24 × 7 dental casualty**. **4 Pharmacies** are available within the campus.

Dental Store and **stationery** store are available in campus.

Separate **Hostels** with all amenities are available for girls and boys with total inmate capacity of 99 girls and 14 boys. Hostel mess provides homely food.

Multicuisine restaurant is available within the campus which is a favourite hangout place for students and faculty. **3 cafe and snacks shops** are available of which one is 24 × 7 catering to students studying late into night.

RO water filters are provided in strategic places.

Student Support, Guidance and Progression room, Personality and professional development centre, Soft skill development centre, Placement cell, NSS room, Centre for employability, Innovation centre, Dental education unit, International students cell, language lab are available to take care of various needs of students.

Staff quarters available within the campus provides accommodation to staff who prefer it.

Baby care, feeding room, children play area facilities are provided.

ATM is available in the campus.

Washrooms are provided in each floor of the college. **Separate Common rooms** for Girls and Boys are available.

Solar panels as a source of sustainable energy takes care of a major portion of the energy needs of the campus. Cath lab in the hospital is the first one in Asia to function entirely in green energy. **Full power backup** is provided with power generators.

Wi-Fi facility is available in basic sciences block of the college, and parts of attached hospital.

Separate **Parking** facilities are available for staff, students, visitors and patients. **Good road lanes and signage** boards are available to guide the visitors. The entire campus is disabled friendly with ramps, elevators, dedicated parking spaces etc.

Vehicle facility in the form of college buses are provided for staff and students. The campus is located on the **banks of national highway** just 100 meters from bus stop which is a boon to the staff, students and patients who prefer to take public transport.

Solid waste is collected as per standard protocol, segregated into biodegradable and non-biodegradable and disposed following all pollution control norms. Biomedical waste is collected and disposed following all safety protocols. Liquid waste generated is treated in sewage treatment plants and is reused for gardening purposes.

The campus is secured with **24 hours security guards, CCTV surveillance, centralized fire safety**

system duly approved by Fire Department.

The campus is located in **plush greenery** typical of God's own country.

File Description	Document
Link for photographs/ Geotagging of Campus facilities	View Document
Link for any other relevant information	View Document

4.1.4 Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

Response: 36.25

4.1.4.1 *Expenditure incurred, excluding salary, for infrastructure development and augmentation year-wise during the last five years (INR in lakhs)*

2021-22	2020-21	2019-20	2018-19	2017-18
75.51288	248.55918	133.53533	92.56962	93.37846

File Description	Document
Provide the consolidated expenditure towards infrastructure development and augmentation during last five years duly certified by Chartered Accountant and Head of the institution.	View Document
Institutional data in prescribed format	View Document
Audited utilization statements (highlight relevant items)	View Document
Link for additional information	View Document

4.2 Clinical, Equipment and Laboratory Learning Resources

4.2.1 Teaching Hospital, equipment, clinical teaching-learning and laboratory facilities are as stipulated by the respective Regulatory Bodies

Response:

Clinical and laboratory Infrastructural facilities are in accordance with the regulations of DCI &

KUHS and the institution strives to provide facilities over and above the minimum requirements.

There is a total of **346 students guided by 75 highly competent teaching faculties**.

ICT enabled classrooms, Classroom linked labs, specialized preclinical and clinical laboratories, and a well-stacked library is available in the campus.

Outpatient dental clinical facility equipped with **120 electronic dental chairs** connected to a centralized suction unit is available. Fully equipped **operation theatre complex** to perform craniofacial surgeries, furnished with 46 bedded ICU, 10 bedded postoperative care, 15 ventilator support equipment, 40 bedded general ward with separate male and female wings are available as **in – patient facilities**.

Out Patient and in patient services with **more than adequate number of patients** for clinical learning are available in all specialities at most affordable rates and special concessions for patients below poverty line.

RVGs help in accurate diagnosis. **CBCT** an advanced diagnostic imaging technology is available within the campus. **Advanced clinical laboratory, histopathological laboratory and Centre for Genomic Medicine** with cutting edge diagnostic technologies like **RT-PCR, NGS** is attached to the hospital. **Acrylic and ceramic Laboratories** are available for fabrication of dental prostheses. **Comprehensive, Aesthetic, Geriatric, and Implant clinic** help students in a comprehensive clinical learning.

Teaching of medical subjects in the curriculum is done in the **attached NABH accredited Medical Hospital** with 350 beds. The facilities in hospital include 24 × 7 casualty, 24x7 blood bank, super speciality departments with advanced facilities like Cath lab, kidney and liver transplant, NICU etc.

The hospital also has an attached **centre for neuroatypical and differently abled children named SPECTRUM** where our students are given specialised training in handling and providing dental care to such children.

The **preclinical and basic sciences laboratory facilities** for medical and dental subjects are more than adequate.

Laboratories (Dental Subjects)

Pre-clinical Prosthodontics, conservative and dental materials lab – 3750 sq. ft

Pre-clinical prosthodontics phantom head lab – 2500 sq. ft

Pre-clinical conservative phantom head lab – 1560 sq. ft

Preclinical Orthodontics lab – 820 sq. ft

Oral biology and oral pathology lab – 1500 sq ft

Laboratories (Medical Subjects) (only for independent dental colleges)

Anatomy dissection hall with storage for cadavers, osteology, demonstration room etc. – 1107 sq ft

Laboratory for Physiology – 1000 sq. ft

Laboratory for Biochemistry – 1000 sq. ft

Laboratory for Pharmacology – 1000 sq. ft

Laboratory for Microbiology – 1000 sq. ft

Laboratory for Pathology – 1000 sq. ft

These laboratories are equipped with state of art equipments and patient simulators, phantom heads, cadavers etc. Three of these preclinical simulation labs are equipped with LCD projectors and WIFI facility converting them into advanced **CLABS (Classroom linked labs)** where teachers demonstrate advanced patient care procedures using audio visual aids.

Community based clinical learning of students is taken care of by postings in **satellite clinic**. Institution also conducts **regular dental camps** in rural areas surrounding the institution for which **high tech mobile dental van** of the institution is used.

File Description	Document
Link for the list of facilities available for patient care, teaching-learning and research	View Document
Link for the facilities as per the stipulations of the respective Regulatory Bodies with Geotagging	View Document
Link for any other relevant information	View Document

4.2.2 Average number of patients per year treated as outpatients and inpatients in the teaching hospital for the last five years

Response: 282944

4.2.2.1 Number of patients treated as outpatients in the teaching hospital year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
261846	122189	211274	214639	93818

4.2.2.2 Number of patients treated as inpatients in the teaching hospital year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
146518	59686	137982	135946	30822

File Description	Document
Year-wise outpatient and inpatient statistics for the last 5 years	View Document
Institutional data in prescribed format	View Document
Extract of patient details duly attested by the Head of the institution	View Document
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 Document
Link to hospital records / Hospital Management Information System	View Document
Link for additional information	View Document

4.2.3 Average number of students per year exposed to learning resource such as Laboratories, Animal House & Herbal Garden during the last five years.

Response: 319.8

4.2.3.1 Number of UG students exposed to learning resource such as Laboratories, Animal House & Herbal Garden year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
334	314	302	282	307

4.2.3.2 Number of PG students exposed to learning resource such as Laboratories, Animal House & Herbal Garden year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
12	12	12	12	12

File Description	Document
Number of UG, PG students exposed to Laboratories, Animal House and Herbal Garden (in house OR hired) per year based on time-table and attendance	View Document
Institutional data in prescribed format	View Document
Details of the Laboratories, Animal House and Herbal Garden	View Document
Detailed report of activities and list of students benefitted due to exposure to learning resource	View Document
Link for additional information	View Document

4.2.4 Availability of infrastructure for community based learning Institution has:

1. Attached Satellite Primary Health Center/s
2. Attached Rural Health Center/s other than College teaching hospital available for training of students
3. Residential facility for students / trainees at the above peripheral health centers / hospitals
4. Mobile clinical service facilities to reach remote rural locations

Response: C. Any two of the above

File Description	Document
Institutional prescribed format	View Document
Geotagged photos of health centres	View Document
Any additional information	View Document
Link for additional information	View Document

4.3 Library as a Learning Resource

4.3.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The dental college central Library is **fully automated**. The library is automated with an efficient **Integrated Library Management Software Koha**.

Koha is a fully featured, scalable ILMS used in academic institutions. Development of Koha ILS is sponsored by libraries of varying types and sizes, volunteers, and support companies worldwide. It is a true enterprise-class ILS with comprehensive functionality including basic and advanced options. Koha includes modules for acquisitions, circulation, cataloging, serial management, authorities, flexible

reporting, label printing, multi-format notices, offline circulation in the absence of network access, and much more.

It has powerful searching and an enhanced catalogue display that can use content from Amazon, Google, LibraryThing, Open Library, and Syndetics, among others. Koha is built using library standards and protocols such as MARC21, z39.50, SRU/SW, SIP2, SIP/NCIP, ensuring interoperability between Koha and other systems and technologies, while supporting existing workflows and tools. Koha's OPAC, circulation management and self-checkout interfaces are all based on standards-compliant World Wide Web technologies—XHTML, CSS and Javascript making Koha a truly platform-independent solution. Koha is distributed under the Free Software licence.

Koha is provided with following functional modules for better workflow and easy management at the library.

Search module (OPAC): provides improved user-friendly web-based Open Public Access Catalogue (OPAC) linked to the institutional website through which stakeholders can search for books and other items, access their accounts, place holds, track the circulation history, indication for fees and fine etc.

Patrons Module: Maintains a database of the library membership details, and used to manage different categories of users, their contact details, course details, photographs and account expiry status.

Circulation module: Helps to automate circulation tasks such as issue, return and reservation of books. Also keeps a digital track of the locations and status of the library's resources.

Acquisition module: all the works related to purchasing of books, such as budgeting, placement of purchase order, receiving of shipment and accounting can be done through this module. which allows the librarian to add or delete items such as books, CDs etc. to its database.

Administration module: to set system preferences and parameters related to the functioning of various modules.

The software is administered by a well-qualified librarian. The library committee along with the IT division head overlooks the functionality updates of ILMS.

E library resources are also subscribed and access to these are provided to all staff and students both within the campus and from outside through username password. These are also linked with the institutional LMS through which students can access the journals and books and view the books availability.

Previously the library was partially automated with standard ILMS software Meshilogic- Bookmagic. The present upgradation and full automation of the library using world class ILMS software Koha was started in the academic year 2021-22 and completed within the same academic year.

File Description	Document
Link for geotagged photographs of library facilities	View Document
Link for any other relevant information	View Document

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

Response:

The central library of Noorul Islam College of Dental Sciences acts as a fountain head and most important learning and knowledge resource for all students and faculty of the institution. It has a vast, varied and rich collection of textbooks, reference books, journals, e journals, competitive exam preparation manuals, competitive exams and university exam question banks, general books on arts, literature, fiction and non-fiction streams, newspapers and magazines.

Text Books: 2810 national and international books are available in various medical and dental subjects. 242 new titles were added in the last five years to the collection.

Reference Books: 197 recently edited reference books are available from national and international publishers like Jaypee, Elsevier etc.

Journals: 70 National and 58 international journals of various dental subjects are available in the library along with 73 bound volumes of previous issues.

E journals, e book consortia: The central library has subscription of standard e journal e books database **Ebscohost**. The e journals and e books in the database are made available to staff and students not just within the library premises but also remotely via username and password even outside the campus. The database holds most of the acclaimed e journals and e books in various dental specialities. The database includes standard peer reviewed journals like orthodontics and craniofacial research, endodontic practice today, oral and maxillofacial surgery etc and e copies of various standard text books.

Thesis and Proceedings: PG research thesis copies and research proceedings are available in the library

General Books: Library has a collection of 951 general books on various subjects, language and literature, fiction and nonfiction.

Apart from this Central Library also maintains a Question Bank for undergraduate and postgraduate students in the form of BDS and MDS professional university exam question papers. A large collection of MCQ books are also available for the benefit of students preparing for competitive exams. Apart from this, the library provides access to general dictionaries & medical and dental dictionaries. Library has a subscription to English and regional newspapers. The library also has a huge repository of novels & storybooks for light reading.

File Description	Document
Link for geotagged photographs of library ambiance	View Document
Link for data on acquisition of books / journals / Manuscripts / ancient books etc., in the library.	View Document
Link for any other relevant information	View Document

4.3.3 Does the Institution have an e-Library with membership / registration for the following: 1. e – journals / e-books consortia 2. E-Shodh Sindhu 3. Shodhganga 4. SWAYAM 5. Discipline-specific Databases

Response: A. All of the above

File Description	Document
Institutional data in prescribed sormat	View Document
E-copy of subscription letter/member ship letter or related document with the mention of year	View Document
Any additional information	View Document
Link for additional information	View Document

4.3.4 Average annual expenditure for the purchase of books and journals including e-journals during the last five years

Response: 5.05

4.3.4.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
10.37812	4.75603	5.23029	2.35164	2.55605

File Description	Document
Provide consolidated extract of expenditure for purchase of books and journals during the last five years duly attested by Chartered Accountant and Head of the institution	View Document
Proceedings of library Committee meeting for allocation of fund and utilization of fund for purchase of books and journals	View Document
Institutional data in prescribed format	View Document
Audit statement highlighting the expenditure for purchase of books and journal library resources	View Document
Links for additional information	View Document

4.3.5 In-person and remote access usage of library and the learner sessions/library usage programmes organized for the teachers and students

Response:

The central library of the institution serves as a fountain head of learning inculcating in the staff and students the habit of reading, researching and spending quality time in library and upgrade themselves to contemporary trends in dentistry in particular and medicine and current events in general.

A well-framed **library policy** is in place, which provides the required information regarding library usage to all its stakeholders. The library policy of the institution is published in various sources such as website, student handbook, library, department libraries.

The library functions and is constantly updated and enriched under the guidance and oversight of an active **library committee**. Sufficient funds are allocated for the same in the annual budget of the institution.

The institutional central library occupying an **entire floor provides accommodation to 75 students** at once.

The library provides **in-person access** for staff and students to audiovisual resources, back volumes of journals, current journals, library dissertations, magazines, newspapers, previous question papers, textbooks, and theses during working hours. **Separate study area for UG, PG students and staff** is available. **Integrated browsing room** with sufficient computers and high-speed internet connection is also available for browsing, access of e journals, e books and databases within library premises. Facilities for downloading e-content, making photocopies, taking printouts, and scanning documents are also available in the library.

Remote access to e books, e journals etc available in the library is provided to staff and students through username password access anywhere within the campus network and from anywhere even outside the campus at the comfort of their homes or hostels.

Library usage by students is logged offline in register. The **circulation of books is automated with the help of barcode** scanning the barcode being printed in the student ID card.

A **library orientation program** is organized at the beginning of every academic year along with induction ceremony for the first-year BDS, MDS students and newly appointed faculty members to acclimatize them to the facilities, resources, and services in the library.

File Description	Document
Link for details of learner sessions / Library user programmes organized	View Document
Link for any other relevant information	View Document
Link for details of library usage by teachers and students	View Document

4.3.6 E-content resources used by teachers: 1. NMEICT / NPTEL 2. other MOOCs platforms 3.SWAYAM 4. Institutional LMS 5. e-PG-Pathshala

Response: Any Four of the above

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Links to additional information	View Document
Give links e_content repository used by the teachers	View Document

4.4 IT Infrastructure

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

Response: 61.54

4.4.1.1 Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities

Response: 8

4.4.1.2 Total number of classrooms, seminar halls and demonstration room in the institution

Response: 13

File Description	Document
Institutional data in prescribed format	View Document
Geo-tagged photos	View Document
Consolidated list duly certified by the Head of the institution	View Document
Links to additional information	View Document

4.4.2 Institution frequently updates its IT facilities and computer availability for students including Wi-Fi

Response:

Institution has a **dedicated IT department** manned by skilled IT professionals. Institution provides high-speed **500 MBPS Wi-Fi facility in basic sciences block** of college and selected areas of the attached medical hospital.

There are **sufficient computers** in library with internet access for the use of students and faculty which can be used for general browsing and to access e – journals. 1 computer in principal's office and 1 computer in coordinators office with internet facility are available for administrative purposes. IQAC room is equipped with 2 computers with internet facility and necessary peripherals like printer. Attached medical hospital and dental hospital have sufficient computers with internet facility. There are sufficient computers with internet facility in other necessary locations like administrative office also. Both PG departments available in the institution are provided with one computer each for academic purposes of PG students and faculty.

The ICT enabled smart classrooms are equipped with **specktron UDX series smart interactive LED displays** with digital pen support running on an android-based operating system. It is also integrated with a detachable pc module which runs windows 10 operating system. The system is capable of running most teaching and presentation softwares like powerpoint, teleconferencing and online meeting apps like google meet, zoom etc and is capable of being linked to institutional LMS. It is also capable of allowing wireless screen sharing.

There is a **dedicated server room** in the campus with server for institutional LMS and online teaching facilities

The **institutional LMS** hosted in in-campus server is one of the highlights of our recent software innovation and integration. Students and faculty provided with unique user name and password to login into the LMS and they can access the facilities offered by the system to access/upload/read lectures, e-content, class notes etc. It doubles up as online teaching platform during conditions like lockdowns and enable flipped classroom facility in normal times. This allows seamless integration of the latest technology in the dental education system enabling our students to benefit from the latest and innovative teaching methodologies. Facility of adding video lectures, video e-content, class notes etc. are built into the LMS.

As per the affiliated university regulations **remote digital evaluation center** with high-speed internet connection, printer, scanner and computers is established within the campus.

The campus is secured by **CCTV** with monitors and back up and is also monitored real-time by administrative section.

The central library is automated using **ILMS** software by KOHA

File Description	Document
Link for any other relevant information	View Document
Link for documents related to updation of IT and Wi-Fi facilities	View Document

4.4.3 Available bandwidth of internet connection in the Institution (Lease line)

Response: 500 MBPS - 1 GBPS

File Description	Document
Institutional data in prescribed format	View Document
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	View Document

4.5 Maintenance of Campus Infrastructure

4.5.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 27.85

4.5.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
131.20553	119.8074	131.48092	98.45257	43.13263

File Description	Document
Provide extract of expenditure incurred on maintenance of physical facilities and academic support facilities duly certified by Chartered Accountant and the Head of the institution	View Document
Institutional data in prescribed format	View Document
Link for any additional information	View Document

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.

Response:

Institution has a **dedicated in-house maintenance department** with qualified and skilled manpower for civil work, electric work, IT maintenance work, plumbing, carpentry work, biomedical engineering work, etc. **Enough manpower** is made available in all engineering departments always.

A major part of the energy needs of the institution is obtained from green sources like **solar panels** within the campus. The institution has **high power generator and invertors** to maintain uninterrupted power supply during power outages.

There is a **Campus Maintenance Committee** which oversees and ensures regular time bound maintenance of the campus. The committee has representatives from all the wings of maintenance, administrative wing and from departments of college and is headed by the sub co-ordinator of the dental college. The committee devises maintenance policies for each maintenance department, ensures a robust monitoring system and evaluates the maintenance works undertaken.

Maintenance of instruments and other infrastructure facilities is done following **systematic procedures**. In case of repair of instruments, building, or other basic facilities HODs of the concerned department has to submit the filled in MRL form to administrative office through proper channel. Requisitions for minor works are straight away forwarded by the administrative office to the maintenance department which will depute the concerned technicians for necessary action immediately. MRL forms for major maintenance works are forwarded to the maintenance committee. Maintenance committee discusses the requisition and advises appropriate action. The recommendation of the maintenance committee is forwarded to the maintenance department which deposes the concerned engineers or technicians to carry out the recommended action. Maintenance is done in a time bound manner.

Maintenance log books are placed in all departments. Dental college also maintains a centralised maintenance log book. The financial administration makes the budget allotment based on the requirement.

ICT facilities such as computers, printers and scanners are periodically checked and maintained by the technical staffs in the in-house IT department. The **electrical fittings and the furniture** in the classrooms are always kept under working condition and the technical staff attend repair works immediately. **Daily cleaning** of classrooms and other areas including washrooms are done by housekeeping department. There is an in-house full time dental chair technician who ensures the smooth functioning of dental chairs, and

chair-side accessories.

Maintenance of the buildings includes cleaning, painting, whitewashing and replacement of fixtures & equipment in the building. There is adequate provision in the annual budget for these expenses.

A **maintenance team under a supervisor** is functioning for undertaking the repair works of buildings and infrastructure. Fulltime plumbers, electricians, carpenters, mason, artist are available in the college for carrying out respective works.

Water purifiers are cleaned and maintained regularly.

Various initiatives are undertaken to improve **the physical ambience of the campus** - Planting of trees, maintaining the green lawns and the garden area, systematic parking lots and renovation of administrative section.

File Description	Document
Link for minutes of the meetings of the Maintenance Committee	View Document
Link for log book or other records regarding maintenance works	View Document
Link for any other relevant information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships /freeships / fee-waivers by Government / Non-Governmental agencies / Institution during the last five years

Response: 51.2

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2021-22	2020-21	2019-20	2018-19	2017-18
242	271	118	99	101

File Description	Document
List of students who received scholarships/ freeships /fee-waivers	View Document
Institutional data in prescribed format	View Document
Consolidated document in favour of free-ships and number of beneficiaries duly attested by the Head of the institution	View Document
Attested copies of the sanction letters from the sanctioning authorities	View Document
Link for Additional Information	View Document

5.1.2 Capability enhancement and development schemes employed by the Institution for students: 1. Soft skill development 2. Language and communication skill development 3. Yoga and wellness 4. Analytical skill development 5. Human value development 6. Personality and professional development 7. Employability skill development

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Detailed report of the Capacity enhancement programs and other skill development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document
Link for additional information	View Document

5.1.3 Average percentage of students provided training and guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 84.93

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counseling offered by the Institution in a year

2021-22	2020-21	2019-20	2018-19	2017-18
328	253	248	231	302

File Description	Document
Year-wise list of students attending each of these schemes signed by competent authority	View Document
Institutional data in prescribed format	View Document
Copy of circular/ brochure/report of the event/ activity report Annual report of Pre-Examination Coaching centers	View Document
Link for institutional website. Web link to particular program or scheme mentioned in the metric	View Document
Link for additional information	View Document

5.1.4 The Institution has an active international student cell to facilitate study in India program etc.,

Response:

Noorul Islam College of Dental Sciences provides admission of candidates under General or Foreign/ NRI

category following the norms prescribed by the Government of Kerala/ Kerala University of Health Sciences (KUHS) from time to time. The Institution has an active international student cell to cater to the needs and affairs of international students.

Guidelines for admission of Foreign/ International/ NRI Students

- The candidate should be an international student (Foreign student/ Non-Resident Indian (NRI).
- For foreign students, a student visa is mandatory (for NRI, not a mandatory option).
- Foreign students have to obtain prior security clearance from the Ministry of Home affairs and the approval of Department of Higher education, Ministry of Human Resources Development, Government of India and this must be on the student visa endorsed to this institution.

Eligibility

- Foreign citizens, Non- Resident Indian (NRI) and NRI-sponsored candidates are eligible to apply.
- Under NRI quota, an applicant, who depends upon his/her Father/Mother/Brother/Sister/Husband/Wife/Brothers and Sisters (inclusive of first cousins) of Father or Mother/Half Brother/Half Sister/ Adopted Father or Adopted Mother working abroad is eligible.

Procedure for Admission

- The candidate may contact the Admission Committee, Administrative wing of the institution.
- The students shall qualify in the NEET examination for admission into B.D.S and M.D.S programmes.
- The following certificates should be submitted for verification under the NRI quota

1.Sponsorship certificate

2.Attested copy of the passport of the sponsor

3.Attested copy of the relevant page of the pass port where employment visa is stamped and if it is not submitted, the employment certificate should be attested by the Indian Embassy or Consulate.

4.Relationship certificate from the village officer.

5.A sworn affidavit by the sponsor notarised by any of the notary public in a stamp paper worth Rs 200/. In case the sponsor is abroad, he has to submit the sworn affidavit notarised by the Notary Public as per the rules and regulations prevailing in the respective countries, where the sponsor is presently working.

- For foreign students, 'Student VISA' in original is required.
- Students are required to undergo the medical fitness examination and get the medical fitness certificate. As per government rules, all international students entering India on 'Student VISA' have to be tested for HIV and other diseases like COVID-19.
- For applicants who have undertaken their studies in a language other than English need to have a valid IELTS/TOEFL score.

INTERNATIONAL STUDENT CELL COMMITTEE

Objectives (Policies)

1. The International Student Cell Committee is constituted to cater to the needs and affairs of international students from the time of admission to the completion of their study.
2. To integrate students with different cultural, social and linguistic background into the campus and engage them in various curricular and co-curricular activities.
3. To create a favourable student-student and student-teacher relationship.

Standard Operating Procedure

The Committee shall,

1. Refer the updated Government of Kerala/ Kerala University of Health sciences (KUHS) guidelines for admission to international students periodically.
2. Collect the details of international students admitted to B.D.S and M.D.S courses every year and coordinate with the related departments.

File Description	Document
Link for international student cell	View Document

5.1.5 The institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging

1. Adoption of guidelines of Regulatory bodies
2. Presence of the committee and mechanism of receiving student grievances (online/ offline)
3. Periodic meetings of the committee with minutes
4. Record of action taken

Response: Any 3 of the above

File Description	Document
Minutes of the meetings of student Grievance Redressal Committee and Anti-Ragging Committee/Cell	View Document
Institutional data in prescribed format	View Document
Circular/web-link/ committee report justifying the objective of the metric	View Document
Any additional information	View Document
Link for Additional Information	View Document

5.2 Student Progression

5.2.1 Average percentage of students qualifying in state/ national/ international level examinations during the last five years
(eg:GATE/AICTE/GMAT/GPAT/CAT/NEET/GRE/TOEFL/PLAB/USMLE/AYUSH/Civil Services/Defence/UPSC/State government examinations/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,)

Response: 100

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

2021-22	2020-21	2019-20	2018-19	2017-18
14	3	4	11	6

5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg:GATE/AICTE/GMAT/CAT/NEET/GRE/ TOEFL/ PLAB/ USMLE/AYUSH/Civil Services/Defence/UPSC/ State government examinations / AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) **during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
14	3	4	11	6

File Description	Document
Scanned copy of pass Certificates of the examination	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

5.2.2 Average percentage of placement / self-employment in professional services of outgoing students during the last five years

Response: 31.29

5.2.2.1 Number of outgoing students who got placed / self-employed year- wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
18	12	10	9	26

File Description	Document
Institutional data in prescribed format	View Document
In case of self-employed professional services registration with MCI and documents for registered clinical Practitioner should be provided	View Document
Any additional information	View Document
Annual reports of Placement Cell	View Document
Link for Additional Information	View Document

5.2.3 Percentage of the batch of graduated students of the preceding year, who have progressed to higher education

Response: 23.73

5.2.3.1 Number of last batch of graduated students who have progressed to higher education

Response: 14

File Description	Document
Supporting data for students/alumni as per data template	View Document
Institutional data in prescribed format	View Document
Link for Additional Information	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/ National / International levels (award for a team event should be counted as one) during the last five years.

Response: 18

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/National / International levels (award for a team event should be counted as one) year-wise during the last five years .

2021-22	2020-21	2019-20	2018-19	2017-18
0	1	10	6	1

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Duly certified e-copies of award letters and certificates	View Document
Link for Additional Information	View Document

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

Response:

Noorul Islam College of Dental Sciences has a very active and dynamic Student Council, which was formulated on 23.02. 2017. Various student welfare clubs exist in the college like Fine Arts, Sports, Literary, Dance and Music club, NSS, Youth Red Cross (YRC), **Gandhi Darshan Club**, Nature club for green campus initiatives etc.

OBJECTIVES OF THE STUDENT COUNCIL:

- 1.To promote and maintain social harmony among the students and to work towards their academic and extra- curricular development.
- 2.To promote leadership quality among students and mould them to become responsible individuals.
- 3.To instill in them social responsibility by serving the poor and needy.

ACTIVITIES OF STUDENT COUNCIL

Academic:

Students are part of Mentor- Mentee system. Slow learners benefit from Remedial classes. Outstanding performers in the series tests are felicitated every month. Students are provided with ultramodern facilities and research apparatus in the campus for effective learning.

Literary:

There is presence of a Literary club to augment the literary skills of students. Students actively participate and organize literary events.

Extracurricular:

Dental Fest is a cultural programme conducted every year for the development of extra- curricular skills in students. Students involve in extracurricular activities like Music, Dance, Yoga e.t.c. They also play a vital role in the organization of cultural events.

Sports:

Sports day, including indoor and outdoor games, is conducted once a year. Students participate enthusiastically in all sports activities. The Institution promotes female participation by formation of Women hockey and Football team.

Social service and Social Relief activities:

Apart from the curricular and extra- curricular activities, the Student Council also involves in Social Service activities showing their commitment towards the society. The following activities were conducted by the Council.

- 1.During COVID pandemic, TV and other essential materials like books, stationery etc. were donated to more than 100 poor children which helped them to pursue their online classes.
- 2.Food, dresses and essential commodities were supplied to the homeless people during the disastrous flood in Kerala.
- 3.YRC unit has great involvement in conducting Dental camps and free dental check- up for bedridden patients.
- 4.NSS unit plays a key role in Green campus initiatives and has recently joined hands with a project by Kerala State Organizing Committee named “Clean Coast- Safe Sea”. This project is mainly concerned with cleaning the sea coast throughout Kerala and the students of NSS unit are the main volunteers of this initiative.
- 5.Students actively involve in dental camps as part of community outreach programme through “ A CAMP A DAY” programme of NIMS Medicity.

6.They participate in society outreach programmes through NGO and other organizations such as Lions club, Rotary club e.t.c

Environmental Awareness:

Students participate in Environmental awareness programmes like Ocean cleaning programme, Munrothuruthu cleaning, rain water harvesting which is utilized in dental clinic of the institution with the aim of attaining zero net emission medical campus by 2024.

Students are part of WWF volunteers club which plays a vital role in nature preservation

File Description	Document
Any additional information	View Document
Link for any other relevant information	View Document
Link for reports on the student council activities	View Document

5.3.3 Average number of sports and cultural activities/competitions organised by the Institution during the last five years

Response: 6.2

5.3.3.1 Number of sports and cultural activities/competitions organised by the Institution year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
22	3	2	2	2

File Description	Document
Report of the events with photographs or Copy of circular/ brochure indicating such kind of activities	View Document
Institutional data in prescribed format	View Document
Link for Additional Information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association is registered and holds regular meetings to plan its involvement and developmental activities with the support of the college during the last five years.

Response:

Noorul Islam College of Dental Sciences has a registered Alumni Association as on 10th June 2020 under societies registration act, with register number TVM/TC/282/2020. Our alumni association has around 500 active participants and they involve in various academic, cultural and social activities of our college. NICDS has moulded many Clinicians, Endodontists, Prosthodontists, Oral Surgeons, Oral pathologist, Orthodontist, Periodontist, Pedodontist, Oral Radiologist etc. NICDS Alumni Association brings all these professionals together on a single platform.

The Alumni Association conducts regular meetings where in the members freely and closely interact with each other. Every year the Alumni Association conducts an executive meeting and a general body meeting. The executive members are elected during the general body meeting and the agenda of the year will be passed during the meeting. In the executive meeting the action plan for the agenda is made. Apart from these official meetings association organises and conduct CDE programmes, workshops, family meet, tour program etc.

The aim of the alumni association is to strengthen the relationship of Alumni members with the institution, fund raising for charity, faculty recruitment, organising reunion program etc. Our alumni members help our fresh graduates to get placement in various dental clinics. They also assist the institution in conducting and organizing research workshops, conferences, seminars and hands- on training courses for academic and clinical skill enrichment. Our alumni extend financial assistance to the deserving students of the college for academic purposes. They also had sponsored the best outgoing student award. They provided travel assistance to students for participating in academic activities anywhere in India.

Few of our alumni had pursued higher education and have come back to the institution as employees in different positions within the institution. This confirms the bond that exists between the institution and the students.

File Description	Document
Link for frequency of meetings of Alumni Association with minutes	View Document
Link for details of Alumni Association activities	View Document
Link for audited statement of accounts of the Alumni Association	View Document
Link for Additional Information	View Document
Lin for quantum of financial contribution	View Document

5.4.2 Provide the areas of contribution by the Alumni Association / chapters during the last five years

1.Financial / kind

2.Donation of books /Journals/ volumes

- 3. Students placement
- 4. Student exchanges
- 5. Institutional endowments

Response: D. Any two of the above

File Description	Document
Institutional data in prescribed format	View Document
Certified statement of the contributions by the head of the Institution	View Document
Link for Additional Information	View Document

Criterion 6 - 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.

Response:

Noorul Islam College Of Dental Sciences is affiliated and approved by Kerala University Of Health Sciences and the institution is also recognized and approved by the Dental Council Of India. In 2006, this institution was founded with the focus of educating the candidates who were admitted to UG and PG programmes in dental sciences to make the most of their careers as "Global dentists". With this aim and objective, the institution has established a healthy vision and mission with respect to the affiliated university(KUHS) and Dental Council of India regulations. The institution strives to train the students as culture sensitive and socially committed professionals to fulfil the challenging requirements to address the global dental healthcare. The institution had a humble beginning with a clear vision and mission for imparting quality dental education.

The management has a clear focus on the institutional vision, mission and objectives. The management has a strong commitment towards participatory management and empowerment of staff in institutional functioning. Various committees have been embodied to resolve grievances and complaints if they arise immediately. The process of developing a perspective plan is coordinated between all stakeholders.

The NICDS clearly stands out as a progressive institution with a comprehensive academic profile and significant achievements. A distinctive and committed management, empowered senior leadership and active participation of well acknowledged faculty gives it a special place in institutions of higher learning.

Institutional vision of inspiring healthcare learning of tomorrow translates into its mission to address the needs of both society and the students. While the academic programs are defined by the prevailing DCI and Ministry of Health (GOI) regulations specific to the same, there is the inherent value addition to the curriculum and with the extension services and outreach programs, there is a valuable interface provided to education, practice and public health respectively.

NICDS has a rich academic program with extremely committed faculty members, well organized curriculum planning with an annual calendar, continuous process of professional learning through monthly assessments, internal assessments, frequently executed continuous dental education programs and guest lectures. It is appreciable that our students are frequent rank holders at University level and have also achieved awards and honours in scientific meetings such as conferences and conventions.

Professional development of faculty is encouraged. Being a self-financed institution, there is adequate mobilization of funds to meet the day to day requirements. An internal quality audit program is in place and is structured in a feedback loop mechanism to continuously evolve and modify the academic tone and tenor of the institution. Best practices are encouraged, fostered and promoted in all spheres of function.

The vision and mission of creating healthcare professionals for tomorrow stands realized in its day to day functioning. Progress, transparency and commitment to academic excellence define us today.

File Description	Document
Any additional information	View Document
Link for Vision and Mission documents approved by the College bodies	View Document
Link for additional information	View Document
Link for achievements which led to Institutional excellence	View Document

6.1.2 Effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

NICDS is a vibrant community of learning that is recognized for its academic excellence and discipline which is a part of NIMS Medicity. Noorul Islam Educational Trust is headed by Chairman and Managing Director, who help out the smooth functioning of the college. There is a hierarchy of administrative bodies from the Principal to the faculties. Principal is the head of the institution who is assisted by two Vice Principals for academic and administrative functioning of the institution respectively.

The institution has a hierarchical organizational structure that executes the work by delegating responsibilities to the committees. Several statutory committees exist for the effective functioning of regular academic & administrative purposes and also several non- statutory committees exist for the overall well being and development of the staff and students.

Various committees are formed to promote the smooth functioning of the institution. The Heads and faculties of various departments along with the college coordinators support and coordinate day to day academic activities to fulfil the academic calendar and curriculum plan, and all the activities such as preclinical, clinical and non- clinical activities are coordinated by the coordinators as per the academic action plan.

Various committees functioning in the college include Academic council, Curriculum committee, Research advisory and ethical committee, sports committee, Cultural committee, Institutional grievances redressal committee, Nature club, Fine arts club, Women empowerment cell, Advisory committee for outreach programmes, Library Committee, Anti-ragging committee, Faculty Development committee, Welfare committee, Green campus initiative committee, Sports committee etc. Each of the committees functions with prime focus on their set guidelines and objectives adhering to the vision and mission of college and their work is frequently monitored by the Head of the institution.

Internal Quality Assurance Cell (IQAC) continuously monitors quality working standards of the institution by monitoring the activities of all the committees. The Principal is the Chairperson of IQAC and the

committee comprises a Coordinator who supervises the functions of the committee. Representations are made from stakeholders to be a part of the IQAC. IQAC coordinator convenes a meeting quarterly. It serves as a common platform practicing a consensual approach in decision making.

File Description	Document
Link for relevant information / documents	View Document
Link for additional information	View Document

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

Response:

Noorul Islam College of Dental Science was established in 2006 under the aegis of Noorul Islam Educational Trust, founded by Dr. A.P. Majeed Khan, a man renowned for his farsighted vision in the field of education for the past 69 years. The Noorul Islam College of Dental Sciences was started with the objective of providing quality dental education to the students to enable them to manage and treat dental patients independently and also to provide state-of-the-art treatment facilities.

Strategic Planning

Strategic planning provides future direction with a predefined set of goals required for the growth of the college. It is the way of providing directions in a dynamic manner that paves the way to modification as we proceed, evolve, and observe changes in the real world scenario. The notions in this plan are meant to guide the workflow, focus on priorities, and inspire to move forward in new directions. The strategic plan was convened with an action plan and indicators of progress to achieve within a five-year timespan, while at the same time laying a foundation for an academic identity and distinction that is intended to live for years beyond the plan. The desire to establish a strong foundation in various areas related to students, faculty, research, governance, quality, and infrastructure of the institution is reflected in the college vision and mission statement and the plan for how we can build up on our strengths and overcome the challenges as mentioned in the SWOC.

Strategy Plan and Implementation Methodology aims to achieve the following:

- Develop and deliver an effective, engaging, and challenging curriculum for all students.
- Expand global awareness and engagement.
- Attract academically strong and motivated students.
- Attract and retain a faculty that is diverse, and highly qualified.

- To excel in quality in all initiatives.
- Expand, improve, and support the use of technology.
- Ensure modern, sufficient, and well-maintained facilities.
- Create a research culture and enhance research scholar activities.
- Incorporate sustainable practices and environmental awareness.
- Meeting the Aspirations of the Stakeholders
- To become a centre for the development of environmental sustainability
- Adequate clinical exposure to students to bring out highly qualified and well trained dental experts.
- Quality Teaching and Learning processes that reflect the current and future requirements of the Profession
- Engagement in impactful community activities

File Description	Document
Link for strategic Plan document(s)	View Document
Link for organisational structure	View Document
Link for minutes of the College Council/ other relevant bodies for deployment/ deliverables of the strategic plan	View Document
Link for additional information	View Document

6.2.2 Implementation of e-governance in areas of operation

1. Academic Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module Annual e-governance report approved by Governing Council/ Board of Management/ Syndicate Policy document	View Document
Policy documents	View Document
Institutional data in prescribed format	View Document
Institutional budget statements allocated for the heads of E_governance implementation ERP Document	View Document
Any additional information	View Document
Link for additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

NICDS aims to develop and implement welfare measures to provide the socio-psychological support to NICDS family members. It creates a culture of belonging among the employees in the organization, ensuring higher commitment to teaching, research and patient care. The employees are made to feel that the management is concerned and is taking care of their welfare. This results in sincerity, commitment and loyalty of the employees to the institution. The Staff Welfare Committee (SWC) exists to contribute to the greater success of the Noorul Islam College Of Dental Sciences (NICDS) by promoting a positive and supportive work environment. The Staff Welfare Committee is committed to help NICDS look after these needs of the teachers to maintain high staff morale. It seeks to plan and organize recreational events and activities that will contribute to meet these needs. The Staff Welfare Committee shall be a consultative and deliberative body with authority to make recommendations on all matters which have a significant bearing on the working environment of the staff.

Staff welfare committee constituted would meet the following objectives:

- To look after the needs of the staff to maintain their high morale.
- To ensure favorable working environment for members of staff.
- To coordinate for benevolent facilities for the members of staff.
- To plan for general welfare activities for teaching and non teaching staff.

Various effective welfare measures are provided for better working environment of the teaching and non

teaching staffs like,

1. Employee Provident Fund
2. ESI Scheme.
3. Gratuity Benefits
4. Workers Welfare Fund (Kshemanidhi Pension)
5. Cafeteria
6. Pension Scheme For Disabled Children –
7. Free Treatment For Disabled Children.
8. Maternity Benefits
9. Health Insurance Scheme
10. Leave For Higher Studies-
11. Health Screening
12. Free Staff Accommodation/ Staff Quarters
13. Interim Relief
14. Provision Of Medical Benefit As Employees
15. Capacity Building And Enhancement Of Skills
16. Provision For Chronic Illness And Accident.
17. Loans And Advances
18. Deputation For Attending Webinars/ Workshops
19. Festival Allowance.
20. Financial Assistance.
21. Free / Reduced Covid-19 Treatment Charges.
22. Incentives For Publication
23. Special Casual Leave And Reimbursement Facility

24. Leaves: It Includes Casual Leaves And Privileged Leaves Per Year

25. Retreat And Recreational Facilities:

26. Transportation Facilities

27. Parking Facility-

28. Scholarships For Children's Outstanding Performance In SSLC &HSC exams

29. Vaccination.

30. Provision For Uniforms And White Coat

31. Concession In Admission Fees

32. Yoga Class

File Description	Document
Link for policy document on the welfare measures	View Document
Link for list of beneficiaries of welfare measures	View Document
Link for additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 5.33

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
20	0	0	0	0

File Description	Document
Relevant Budget extract/ expenditure statement	View Document
Policy document from institutions providing financial support to teachers, if applicable E-copy of letter indicating financial assistance to teachers	View Document
Office order of financial support	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

6.3.3 Average number of professional development / administrative training programmes organized by the Institution for teaching and non- teaching staff during the last five years (Continuing education programmes, entrepreneurship development programmes, Professional skill development programmes, Training programmes for administrative staff etc.,)

Response: 11.4

6.3.3.1 Total number of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
21	15	8	5	8

File Description	Document
Reports of Academic Staff College or similar centers Verification of schedules of training programs	View Document
Institutional data in prescribed format	View Document
Copy of circular/ brochure/report of training program self conducted program may also be considered	View Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.4 Average percentage of teachers undergoing Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course

etc.) during the last five years..

Response: 74.6

6.3.4.1 Number of teachers who have undergone Faculty Development Programmes including online programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course and any other course year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
67	48	49	57	56

File Description	Document
Institutional data in prescribed format	View Document
E-copy of the certificate of the program attended by teacher	View Document
Days limits of program/course as prescribed by UGC/AICTE or Preferably Minimum one day programme conducted by recognised body/academic institution	View Document
Any additional information	View Document
Link to additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Procedure

Staff appraisal system gives the faculty a chance to review their behavior to the students and peer; makes them constantly aware of their and duties responsibilities, and permits them to monitor their own progress to bring out a positive professional outcome. Institution has constituted a staff appraisal committee for the performance appraisal of each of the eligible staff member. Staff appraisal committee and the head of the institution are responsible for completing the annual performance appraisal process of the employees under them,. An informal review meeting of the committee will be held at six months to ensure that the appraisal objectives are still appropriate, and if necessary, to revise the objectives. It will also allow an opportunity for both parties to raise problems or issues well in advance of the year-end so that there is a chance of resolving them and still achieving the agreed objectives.

The appraisal process will apply to all staff that has successfully completed their probationary period of one year. Once in every year each staff is given prescribed self-appraisal forms to fill out,

and the Staff appraisal Committee, reviews the performance of the faculty and gives feedback on each staff and attempts to understand the perception of that faculty within their environment. Appraisal forms were given to all teaching staff which included Strategic objectives in following areas such as Teaching, Research, participation in faculty development programs, Institutional activity and External activity. Each eligible member of staff should have an appraisal meeting on an annual basis. Apart from self-appraisal, peer appraisal via confidential feedback from the faculty, and appraisal from students is also given about each staff member. A feedback is taken from the students regarding theory class and clinical demonstration done by the teaching staff. In case of staff with poor performance, discussion will be done with students and rectified accordingly to make them able to perform well in exams. Principal forwards the grading from the feedback form and the suggestions from the Staff Appraisal Committee, to the Governing Council for further follow up. College management takes decision on action including incentives, annual increments, career advancements, suggestions for improvement, termination of service etc. When a new teaching staff is appointed a consolidated fixed salary is given. However further promotion as well as increments is given only on the basis of criteria like students feedback about classes, articles published (national and international) and awards received. If any staff is found to be having scope for improvement, then methods to improve are suggested and deployed.

Non – teaching staff: Each of the non-teaching staff is independently evaluated by their by respective heads of departments where they are posted and also by respective heads of offices. Such appraisals are then brought to the attention of the management for further action. If there are any challenges, it is conveyed to that particular employee to provide a chance to correct themselves. This is also done, keeping in mind social and economic strata and sensitivities.

File Description	Document
Link for performance Appraisal System	View Document
Link for any other relevant information	View Document

6.4 Financial Management and Resource Mobilization

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

Response:

Noorul Islam College Of Dental Sciences is a self- financing institution with the major source of income generated from students' fees and treatment charges. The institute generates adequate income from the internal revenue sources for its functional and capital expenditures including expansion of the institution.

SOURCE OF INCOME- include tuition fees and various other fees collected from the students and revenue generated out of dental op treatment charges. Funding assistance from alumni will also be taken up ensuring that their vision and mission are in line with that of the institution.

PROCEDURES ADOPTED FOR OPTIMAL UTILIZATION OF RESOURCES:

1. Planning- The institution has established a mechanism for optimum utilization of available resources every year to ensure financial compliance. Governing council of the college conducts a meeting at the beginning of every financial year to finalize the annual budget formulation.

2. Budget Formulation- Before the commencement of every financial year, the principal submits a proposal on budget allocation to the management. Budget is prepared by considering the actual expenditure of previous years and the recommendations regarding requirements made by the academic and non-academic staff and heads of various departments. The Governing Council in consultation with the finance section of the administrative office approves the budget for the institution.

3. Allocation- the Governing Council reviews the proposed budget and then allocates the budget as per necessity of proposed expenses. College budget includes recurring expenses such as staff salary, dental clinic expenses, staff welfare expenses, administrative expenses, funds for the development of infrastructures & maintenance and non-recurring expenses like lab equipment purchases, furniture and other development expenses.

4. Expenses: The major source of income is from tuition fees and various other fees collected from the students and revenue generated out of dental op treatment charges. Funds are effectively utilized for the development & maintenance of infrastructure, purchase and maintenance of laboratory equipment, for the development of library facilities, staff salary, e- governance, miscellaneous expenses, for staff welfare measures etc. In case of any reimbursement facilities like attending seminars/ workshops/ conferences/ competitions, welfare measures, etc then the concerned faculty has to submit the details of the facility with supporting documents. The expenses will be disbursed and monitored by the accounts department as per policy of the institution and the budget allocated by the management.

Income and expenses are monitored and verified by both internal and external audits for optimum utilization of resources. The institute follows a purchase policy by which procurements of materials and services are done through various tendering modes, Purchases of all stationery / consumables / cleaning materials /chemicals / glassware / surgical material etc. are done centrally through the central purchase department. The CPD does the tendering and finalizes both the rates and vendors for each item of material Justification and approval are required before any purchase.

File Description	Document
Link for resource mobilization policy document duly approved by College Council/other administrative bodies	View Document
Link for procedures for optimal resource utilization	View Document
Link for any other relevant information	View Document

6.4.2 Institution conducts internal and external financial audits regularly

Response:

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted throughout the year by the finance committee and accounts manager of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by external chartered accountants, who after verification and scrutinising again, prepares the balance sheet, income and expenditure, and other concerned financial reports and also do submission of income tax returns of the institution.

The mechanisms used to monitor effective and efficient use of financial resources are as below:

Before the commencement of every financial year, Principal submits a proposal on budget allocation, by considering the recommendations made by the academic and non-academic staff and heads of all the departments, to the management.

College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non-recurring expenses like lab equipment purchases, furniture and other development expenses.

The expenses will be monitored by the accounts department as per the budget allocated by the management.

The depreciation costs of various things purchased in the preceding years are also worked out.

Process of The Internal Audit:

All the bills and vouchers are inspected and passed by the institutional internal audit committee on a day to day basis. The overheads incurred under different heads like purchase, Travelling Expenses, Repairs and Maintenance of Plumbing, Electrical, Carpentry, and Equipments, Consumables, vehicles, computer and its accessories, etc., are thoroughly checked by verifying the bills and receipts. If any inconsistency is observed, the same is brought to the notice of the accounts manager and gets remedied then and there. The same process is being followed by the institution from the day one itself.

Process of The External Audit:

The accounts of the college are reviewed by a commissioned chartered accountant as an external agency regularly as per the government regulations. The auditor guarantees that all payments are duly sanctioned after the audit, and the report is sent to the management for appraisal. Any queries in the process of audit would be attended immediately along with the supporting documents within the prescribed time limits. The institution did not come across any major audit opposition during the preceding years.

All these mechanisms exhibit the clearness being maintained in financial matters and obedience to financial discipline to avoid defalcation of funds or properties of the institution at all levels. The audited statement is duly signed by the authorities of the management and the chartered accountant.

File Description	Document
Link for documents pertaining to internal and external audits year-wise for the last five years	View Document
Link for any other relevant information	View Document

6.4.3 Funds / Grants received from government/non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III)

Response: 0

6.4.3.1 Total Grants received from government/non-government bodies, individuals, philanthropists year-wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document

6.5 Internal Quality Assurance System

6.5.1 Institution has a streamlined Internal Quality Assurance Mechanism

Response:

Internal Quality Assurance Cell (IQAC) was constituted on 19.10.2020 as the initiatives for NAAC regulation procedures. All stakeholders are a part of the IQAC. Principal is the Chairman of IQAC and the committee comprises of a Coordinator who supervises the functions of the cell. Committees with representations from staff and students have been formed. Meetings are held quarterly in order to analyze the improvements and to provide further suggestions for improvement. The IQAC of the institution has been working judiciously towards generating policies, good practices and novel ideas, and planning, implementing and measuring the outcome of academic and administrative performance of the institution.

The calendar of events are being prepared every year and uploaded in the college website. IQAC recommends teachers to use ICT enabled teaching effectively in classrooms .

Curricular aspects are strengthened with the addition of value added courses, student enrichment programmes and certificate courses. Emphasis is given to mentorship program to provide special priority for slow learners.

Internal Quality Assurance Cell constantly supports and encourages the sports and cultural

activities of students.

Staffs are encouraged to attend Continuing Dental Education programmes, hands on courses, workshops, conferences and conventions conducted by the university and other National and International organizations. It implies quality bench markers of various academic and administrative matters of the institution.

Faculty Development Programmes and Extension activities are continuously enhanced by the IQAC. School and rural health camps, functioning of satellite clinics & tobacco cessation center are regularly reviewed.

Appraisal system and welfare measures for teaching and non- teaching staff are well in place and the performance of teaching and Non-teaching staffs are evaluated by IQAC.

Guidance and coaching for competitive and entrance exams are provided for students. Students support is extended by scholarships to deserving students.

Student satisfaction surveys are conducted on regular basis. Student's grievances regarding infrastructure, IT, Hostel, Food and procedures of the Institute are given at most importance and are addressed by this committee.

Continuous contacts with Alumni members are maintained to keep them updated and make them proud of the institute.

IQAC plays an important role in signing MOUs with various organizations relating to academics and outreach activities.

Feedback is obtained from all stakeholders to gain an insight into the overall performance of the institution for future improvements & quality assurance.

Suggestions from students, alumni and the professionals helps to evaluate administrative and smooth academic functioning of the institution and also give valuable insight into the matters and an opportunity to understand the student's perspective and their expectations from the institution which help to raise the overall standard of the institution.

Infection control and sterilization are meticulously maintained and monitored.

Encouragement for Green campus initiative is given which includes water and energy conservation, alternative energy sources, waste management, clean environment and maintaining plastic free zones.

Thus, IQAC of NICDS is actively striving to improve the quality of the institution. These processes are meticulously monitored and areas for improvement are identified and appropriate strategies are adopted to improve on the areas identified.

File Description	Document
Any additional informaton	View Document
Link for the structure and mechanism for Internal Quality Assurance	View Document
Link for minutes of the IQAC meetings	View Document
Link for any other relevant information	View Document

6.5.2 Average percentage of teachers attending programs/workshops/seminars specific to quality improvement in the last 5 years

Response: 28.62

6.5.2.1 Number of teachers attending programs/workshops/seminars specific to quality improvement year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
57	49	0	0	0

File Description	Document
List of teachers who attended programmes/workshops/seminars specific to quality improvement year-wise during the last five years	View Document
Institutional data in prescribed format	View Document
Details of programmes/workshops/seminars specific to quality improvement attended by teachers year-wise during the last five years	View Document
Certificate of completion/participation in programs/workshops/seminars specific to quality improvement	View Document
Link for Additional Information	View Document

6.5.3 The Institution adopts several Quality Assurance initiatives The Institution has implemented the following QA initiatives : 1. Regular meeting of Internal Quality Assurance Cell (IQAC) 2. Feedback from stakeholder collected, analysed and report submitted to college management for improvements 3. Organization of workshops, seminars, orientation on quality initiatives for teachers and administrative staff. 4. Preparation of documents for accreditation bodies (NAAC, NBA, ISO, NIRF etc.,)

Response: A. All of the above		
File Description	Document	
Report of the workshops, seminars and orientation program	View Document	
Report of the feedback from the stakeholders duly attested by the Board of Management	View Document	
Minutes of the meetings of IQAC	View Document	
Institutional data in prescribed format	View Document	
AQAR submitted to NAAC and other applicable certification from accreditation bodies	View Document	
Annual report of the College	View Document	
Link for Additional Information	View Document	

Criterion 7 - 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 last five years

Response: 24

7.1.1.1 Total number of gender equity sensitization programmes organized by the Institution year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
22	2	0	0	0

File Description	Document
Report gender equity sensitization programmes	View Document
Institutional data in prescribed format	View Document
Geotagged photographs of the events	View Document
Extract of Annual report	View Document
Copy of circular/brochure/ Report of the program	View Document
Link for additional information	View Document

7.1.2 Measures initiated by the institution for the promotion of gender equity during the last five years.

Response:

NICDS is an equal opportunity employer and does not discriminate between genders during recruitments and staff appraisals. The institution is a student friendly campus where there is no compromise on security at the campus for students. The men and women security personnel monitor the movements occurring in the campus on rotation basis 24 x7. CCTV camera provision in each floor records the events which can be retrieved at any time with a data backup of up to 6 months. The management often conducts review meetings to check the security status in the campus. In addition, a Women Empowerment Club (WEC) is present in college which deals with the matters of women present in college who are both studying and working. Women Empowerment Club actively conducts programmes based on gender desensitization, psychological evaluations, awareness programmes etc for the betterment of our students. This committee addresses any issues of women and encourages the students to lodge complaints fearlessly. NIMS Medical Hospital available inside the campus are available to ensure students health 24 X 7.

Dental Students are counselled on various aspects. Group counselling is advocated in order to make the student aware of newer strategies along with new behavioural practice. The students have been provided with free consultation with our in-house clinical psychologist on a 24x7 basis. The college has engaged faculty mentors to each student to ensure student's welfare. Mentors and Counsellors have been nominated among the teaching faculty to solve the different issues of the students. A group of ten students are assigned to a mentor who would in turn liaison and mentor the students throughout their student career. The institute has a fool proof methodology to identify between slow learners and fast learners based on various criteria. Once identified they are given extra care by their mentor as well as their midcourse committee so as to improve their performance before they reach final university examination.

Girls and boys are being provided with spacious common rooms without discrimination. Girl students are provided with a spacious rest room with all the facilities of personal hygiene such as sanitary napkin dispenser and incinerator. Boys are also given spacious rooms and separate toilet facilities. The college ensures the best facilities to students as well as staff due to which the management provides free day care centre service to young children of working staff and students in their Anne Sullivan Centre.

File Description	Document
Specific facilities provided for women in terms of a. Safety and security b. Counselling c. Common Rooms d. Day care centre for young children	View Document
Link for any other relevant information	View Document
Annual gender sensitization action plan	View Document

7.1.3 The Institution has facilities for alternate sources of energy and energy conservation devices 1. Solar energy 2. Wheeling to the Grid 3. Sensor based energy conservation 4. Biogas plant 5. Use of LED bulbs/ power efficient equipment

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Installation receipts	View Document
Geo tagged photos	View Document
Facilities for alternate sources of energy and energy conservation measures	View Document
Any additional information	View Document
Link for additional information	View Document

7.1.4 Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

Waste management system in our college has a robust planning where solid, liquid, biomedical, E waste are professionally handled in our institution. The effective water recycling system ensures water is used sensibly.

1. Solid waste management

As the campus consists of hospital buildings, hostel buildings and office buildings, large amounts of various varieties of wastes are generated. Compared to the whole campus, the wastes generated by college are comparatively less, however the general types of wastes include the below major types.

- Toxic/infectious medical wastes from college departments and dental clinics
- Files, cardboard boxes, book wrappers used by students
- Non-biodegradable solid medical wastes
- Food wastes from canteen and hostels
- Paper and other bio- degradable material wastes from offices
- Non- bio- degradable material wastes from offices
- Random wastes generated by public/students/staffs and other occupants

All other Solid non-toxic wastes are sold to scrap dealers

The toxic, non-toxic, biodegradable and non-bio degradable wastes are segregated at the waste sources and then handed over to private agency (LA'vendors Business Solutions).

2.Liquid waste management

All liquid wastes from college goes for recycling through sewage treatment plants available in campus and reuses this water for surrounding plants and trees. This helps in reducing pollution and less contamination in the campus. Water recharging of the natural ponds are done by directing the rain water to the sources.

3. Biomedical waste management

Bio-medical wastes are collected by an authorized agency named IMAGE (Indian Medical Association Goes Eco-friendly)which are later processed and disposed scientifically at their waste management plant located in Palakkad. Each department in college and dental clinic has wastes segregated into colour - coded waste bins. Mobile collection van from IMAGE collect the segregated waste on a daily basis from the institution.

4. . E-waste management

Most of the computers are repaired and reused in college. Damaged parts of computer monitors, batteries key pads mouse printers are dealt with by private agency (LA 'vendors Business Solutions). E- waste data's in the computers are deleted from the system automatically.

5. Waste recycling system

The dental college campus consists of a sewage treatment plant of capacity of 300000 litres for waste-water recycling. Reusable wastewater with no toxic substances are used for watering gardens and agricultural areas in the campus The goal being to deliver much cleaner, more environmentally friendly effluent. It involves a similar process to a typical septic tank but has some key differences. Sewage treatment plants, depending on their size, can treat the waste of commercial properties or a number of domestic dwellings.

6. Hazardous chemicals and radioactive wastes

The dental college is particular about the environment given to its students and staff due to which there are no radioactive substances loitering in and around the college premises.

File Description	Document
Link for relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for geotagged photographs of the facilities	View Document
Link for any other relevant information	View Document

7.1.5 Water conservation facilities available in the Institution:

- 1.Rain water harvesting
- 2.Borewell /Open well recharge
- 3.Construction of tanks and bunds
- 4.Waste water recycling
- 5.Maintenance of water bodies and distribution system in the campus

Response: All of the above

File Description	Document
Institutional data in prescribed format	View Document
Installation or maintenance reports of Water conservation facilities available in the Institution	View Document
Geo tagged photos of the facilities as the claim of the institution	View Document
Geo tagged photo Code of conduct or visitor instruction displayed in the institution	View Document
Any additional information	View Document

7.1.6 Green campus initiatives of the Institution include 1. Restricted entry of automobiles 2. Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastics 5. Landscaping with trees and plants

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Geotagged photos / videos of the facilities if available	View Document
Geotagged photo Code of conduct or visitor instruction displayed in the institution	View Document
Any additional information	View Document
Link for additional information	View Document

7.1.7 The Institution has disabled-friendly, barrier-free environment

- 1. Built environment with ramps/lifts for easy access to classrooms**
- 2. Divyangjan friendly washrooms**
- 3. Signage including tactile path, lights, display boards and signposts**
- 4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Geo tagged photos of the facilities as per the claim of the institution	View Document
Link for additional information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities. Add a note on how the Institution has leveraged its location for the services of the community (within 500 words).

Response:

The institute encourages all students and staff in all cultural, regional, linguistic, communal and socio-economic activities year-round. Our institute promotes students to take part in communal activities through the Youth Red Cross unit and in turn helps to mould the students to become useful to society. The students along with staff visit rural areas with an objective of visiting palliative patients.

The college associates with National Service Scheme (NSS) as their motive is 'Education through services' and thereby exposes the students to community services such as dental camp and screening, which aims to inoculate social welfare in students. Our students from college routinely donate blood when need arises to the Blood Bank of NIMS hospital and thereby spread awareness and importance of being a lifesaver for patients.

Regional and linguistic programmes include Onam festival and Keraliam, which are the most popular festivals in the state of Kerala and celebrated every year. This festival is celebrated in the loving memory of King Mahabali during the month of September. King Mahabali is known for his generosity and bringing prosperity. Since the college is in Kerala, Onam festival was celebrated by the students and faculty with great happiness followed by festival games and celebrations. Our college promotes students to take part in linguistic activities such as meeting and interacting with poets from native areas through the Literary club of the college. Every year on November 1st – Kerala Day, the institute conducts linguistic programs such as Keraliam to provide an insight and commemorate the birth of Kerala as an independent state – Kerala Piravi. To celebrate the brotherhood, Eid is also celebrated in an elaborated way. Christmas eve is also celebrated in an elaborated way to share joy of happiness. The students are given an awareness program about the country's rural system by introducing Indian Khadi garments, handicraft products or food items made from villages. Our students are encouraged in using Indian Khadi coats to promote the socio-economic sector of village people. Patient drapes and IP dress for the patients are made out of Khadi material. The college has signed out a Central Government MOU with Vikram Sarabhai Space Centre (VSSC) and Ex- Servicemen Contributory Health Scheme (ESCHS) so that employers of VSSC get benefits of dental treatments. The college is situated in a rural area, which provides treatment to all at nominal cost. The culmination is to visualize and create a healthier society by providing affordable health services and to inspire the budding aspirants to reach the unreached for betterment of the community.

File Description	Document
Link for any other relevant information/documents	View Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Code of conduct handbook exists for students, teachers and academic and administrative staff including the Dean / Principal / Officials and support staff. 1. The Code of conduct is displayed on the website 2. There is a committee to monitor adherence to the code of conduct 3. Institution organizes professional ethics programmes for students, teachers and the academic and administrative staff 4. Annual awareness programmes on the code of conduct are organized

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Information about the committee composition number of programmes organized etc in support of the claims	View Document
Details of the monitoring committee of the code of conduct	View Document
Details of Programs on professional ethics and awareness programs	View Document
Any other relevant information	View Document
Web link of the code of conduct	View Document
Link for additional information	View Document

7.1.10 The Institution celebrates / organizes national and international commemorative days, events and festivals

Response:

Our college celebrates days of national and international importance in a structured way every year. Every festival conveys a message pertaining to our customs, traditional values, and mythology. On 26th Jan Republic day and August 15th Independence Day are celebrated by flag hosting along hand in hand with all the institutes in the campus keeping in mind patriotism.

The students and staff commemorate major national and international days which makes them aware of the importance of the cause pertaining to the particular day. The special days commemorated in this institute are:

Martyr's Day- On 30th January, the college commemorates by a two-minute homage silence in the memory of Indian martyrs from 11:00am to 11:02 am every year.

World Cancer Day- On 4th February, awareness was done by making a video on the topic and uploaded it on various social media platforms for a wider reach.

National Student's Parliament -On 23rd February, the college conducted an awareness program to students to gain comprehensive awareness about parliamentary democracy and its procedure.

Dentist Day- On 6th March, dental exhibition was conducted on this day.

International Women's Day is celebrated on 8th March worldwide, commemorating the political, social and economic achievements of women.

Earth Day- On 22nd April, college conducted an awareness programme with WWF volunteers in association with Academy for Mountaineering and Adventure Sports, Kerala.

NIPAH Epidemic and Monsoon disease: A week of awareness campaign – On 26th May to 31st May, the NICDS conducted a campaign focused on the topic "NIPAH Epidemic and Monsoon Diseases", in hopes of bringing the attention of the general public to the lethal epidemic.

World No Tobacco Day – On 31st May, the NICDS conducted a campaign spreading awareness on harmful effects of tobacco on our environment.

World Environment Day – On 5th June, NICDS staff and students conducted a campaign outside campus in Monroe Island where plastics and waste were collected as part of a pollution free environment campaign.

International Yoga Day- On 21st June, NICDS staff and students took part in yoga sessions to gain knowledge about improving health.

International Day against Drug Abuse and Illicit Trafficking – On 26th June, NICDS conducted an awareness program with students to give out valuable knowledge about drug abuse and its prevention.

Women's Equality Day – NICDS female staff and students celebrate this day by conducting a gender desensitisation program, where they are given awareness on women rights and challenges faced by them.

National Voluntary Blood Donation Day – On 1st October, NICDS students are encouraged to donate blood to NIMS hospital blood bank.

Breast Cancer Awareness Month – In the month of October, the college conducts a gender related awareness program for female staff and students from qualified doctors from the medical field.

National Pollution Control Day - On 2nd December , Green protocol is done by NICDS students where they are given awareness of pollution free environment by using battery operated vehicles available in campus, proper disposal of wastes from campus and encouraged to use bicycles.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

7.2 Best Practices

7.2.1 Describe two Institutional Best Practices as per the NAAC format provided in the Manual

Response:

BEST PRACTICE 1

TITLE

Structured specialty dental clinic for differently abled children with NIMS Spectrum-Child Development Research Centre and NIMS Centre for Genomic Medicine (NABL accredited)

OBJECTIVE

To impart knowledge and training for house surgeons in handling the dental care of differently abled children keeping an eye on the diagnostic and research possibility of congenital dental defects

THE CONTEXT

In 2018, NIMS Spectrum CDRC was inaugurated in the college campus for uplifting differently abled children. Dental diagnosis, treatment, care and periodic checkup are challenging and difficult to these children who are undergoing treatment at NIMS Spectrum CDRC. Department of Pedodontics collaborated with NIMS spectrum to open a specialty Dental Clinic where House Surgeons are trained in handling and treating such patients. The clinical finding of congenital dental defects opened an arena for diagnostic and research possibilities in collaboration with the Center for Genomic Medicine laboratory in our campus. NIMS Centre for Genomic Medicine is a comprehensive genetic healthcare facility, incorporating verticals of Medical Consultation, Diagnostics, Training and Research in Human Genetics, Genomics and Molecular Biology. The State-of-Art laboratory infrastructure includes Automated Nucleic Acid extractors, Real Time PCR and the most advanced Next Generation Sequencer. Advancement in Molecular Diagnostics and Genomics at a global level has led to the revolutionary techniques being incorporated into doctors' prescriptions on a regular basis. Hence, our students need to be appraised and aware about these techniques and their report interpretation.

THE PRACTICE

Our students (interns) who are posted in the Department of Pedodontics are assigned to NIMS spectrum Dental Clinic to diagnose and treat the OP patients at NIMS Spectrum. Special instructions are given to students to look out for congenital dental defects and infective dental lesions, under the guidance of the Director NIMS Spectrum and Pediatricians of NIMS Hospital. Such patients are screened and referred to the genomics lab. In the lab, blood samples are collected for suspected congenital disorders, while gingival fluids and oral swabs are collected for infections and dental lesions. DNA is extracted from samples, specific genes are amplified by Polymerase Chain Reaction and sequencing is done to look for any variations leading to pathogenic mutations. For infections, the pathogen is diagnosed by real-time PCR where nucleic acids are extracted and pathogenic strain specific gene regions are amplified and detected using fluorescence probes. All techniques are first theoretically explained, followed by demonstration, after which the students are given Hands-on experience with patient samples. This includes all procedures from sample collection to processing and data analysis for report interpretation. The pandemic COVID limited the follow-ups and working days.

EVIDENCE OF SUCCESS

Dental students being exposed to clinical practice with Paediatric Global developmental delay patients and highly advanced diagnostic and research techniques in Genomics and Molecular Biology is a rarity. This practice has led to skilled manpower as an output with the students passing out being empowered to handle such cases and also prescribe and interpret diagnostic reports. This is evidenced by the feedback received from the students.

Our students of NICDS are exposed to a highly advanced training program that was not specified in their curriculum to treat a limited number of patients in the general public and expose them to the new world of the Genomic lab and its facilities

PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

The pandemic COVID limited the follow-ups and working days to explore the practice to its fullest potential. Lack of awareness on Oral Health and Genetics in the rural population around the college is also a major hurdle leading to such cases going undiagnosed. Few of the advanced tests are expensive and hence affordability of patients needs to be considered while diagnosing such patients.

The human resources required for this practice include trained personnel and professionals in Pediatrics, Child development therapy, Molecular Diagnostics, Genetics and Genomics. The infrastructural resources of NIMS Spectrum along with advanced genetics and molecular biology laboratory.

BEST PRACTICE 2

TITLE

Dental Implant Training Program for interns

OBJECTIVE

To provide basic training in Oral Implantology for interns and teaching faculty, by imparting working knowledge regarding case selection, treatment planning and execution of dental implant cases in our dental OP. They are given hands-on training in implant placement and prosthetic rehabilitation. With a state-of-the-art Implant Clinic featuring CBCT, OPG, RVG we encourage the interns and teaching faculty to take up implant cases and inspire them to acquire better clinical skills in handling such cases. By identifying the candidates with interest and clinical skills, they are further trained for advanced implant procedures in our clinic and Implant instituted outside the campus.

THE CONTEXT

Fully stocked Implant inventory with state of the art adjuvants supported by digital flow from digital dental solutions for guided surgeries, it is a perfect platform for the undergraduate to get trained on speciality implant treatment.

THE PRACTICE

Interns Posted in Prosthodontic and OMFS Department are given instructions to segregate missing and damaged tooth patients. Further diagnosis and treatment planning is done with the help of CBCT, OPG, RVG under the supervision of Department Faculties. Complicated cases which need guided surgeries DIACOM files are sent to digital dental solutions for digital workflow which are more precise and accurate. Students are exposed to regular CDE programs and faculties from external Implant institutes visit our college to impart knowledge and skills. NIMS hospital emergency can cater emergencies during the practice. Students are also exposed to implant treatments which are done at implant institutes and implant clinics in and around the college.

THE EVIDENCE OF SUCCESS

Students of undergraduate level are exposed to a speciality treatment that is not prescribed on their regular curriculum. We instil confidence in identifying, convincing and performing implant treatment even after the student passes out from this institute.

PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

Handling a complication during implant surgical procedure needs further advance training and working time.

Advanced treatments and updates need advanced training.

File Description	Document
Any additional information	View Document
Link for any other relevant information	View Document
Link for best practices page in the Institutional web site	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 500 words

Response:

INSTITUTE UNIQUENESS

HELPING HANDS IN GREEN DENTISTRY

An epitome of social responsibility and revolution in education, NICDS is a conclave of unique features like Green Industry Revolution, Water Recycling etc , among Dental Colleges in India. Our institution is also the first campus in India to provide totally khadi uniform to the staff and students of the institution. Socially Committed Students and staff of the college have reached out to the needy people by various social activities via Neyyattinkara Pension Scheme, Free medical and dental camps, NIMS Heart to Heart, NIMS Spectrum, NIMS-Anne Sullivan centre for specially abled children, Municipality adoption- Neyyatinkara, Free dialysis projects, Noorul Islam Civil Service academy, Flood / COVID relief programs, WWF, NIMS Padanolsavam, Free medicine for HIV patients, NIMS Harithakam, Sapling for a new born baby, NIMS Annapoorna, NIMS Amulya, NIMS Sahyadri, NIMS free hearing aid and Khadi campus. The aim of this initiative is to mould and create dentists with a mind of charity and to practice dentistry with renewable energy.

A Dental College completely run by alternative energy is a unique feature in our country. Solar grids installed in our campus harness solar energy which can be met with the entire connected load of dental college and clinic. At present 440kWp solar system is installed in the hospital premises of this, 101kWp is used exclusively for dental college and dental clinic building. Energy generated in this solar plant is pooled into the State electricity board PowerGrid which is more than sufficient for our needs. When the KSEB supply fails, the solar power system meets the entire energy consumption of the building and thus generators are not used during power failure in turn reduces the carbon emission from the generators.

A structured and planned water recycling system and rain water harvesting quenches all our water needs in this institute. Water auditing is regularly done in our campus. Major benefits of water audit are reduced water losses improved financial performance and reliability of supply system. On an average basis, 4000 litres of water is consumed in our institute which is easily replenished by our water recycling system,

natural and man- made rain water harvesting system. Groundwater is replenished by our water recycling system which saves water sources for future generations. Io T (Sensor- based) rainwater harvesting is adopted in this system. The dental college campus consists of a sewage treatment plant of 300000 litres for waste-water recycling. The water is recycled or reused to water gardens and agriculture. Rain water is harvested into the rainwater collection tank in the campus and after the pressure filtration process is used by the dental college and dental clinic building.

To end up, we proudly represent our college building as an **Annual member of Indian green building council (IGBC)** which validates our distinctiveness in green dentistry.

An embodiment to this ecological system with social commitment in our institution is one of its kind in this country.

File Description	Document
Link for any other relevant information	View Document
Link for appropriate web page in the institutional website	View Document

8.Dental Part

8.1 Dental Indicator

8.1.1 NEET percentile scores of students enrolled for the BDS programme for the preceding academic year.

Response: 76.04

8.1.1.1 Institutional mean NEET percentile score

Response: 76.04

File Description	Document
NEET percentile scores of students enrolled for the MBBS programme during the preceding academic year	View Document
List of students enrolled for the BDS programme for the preceding academic year	View Document
Institutional data in prescribed format	View Document

Other Upload Files

1

[View Document](#)

8.1.2 The Institution ensures adequate training for students in pre-clinical skills

Response:

Noorul Islam College of Dental Sciences has well equipped pre-clinical labs with highly skilled and dedicated faculties. The main aim of pre-clinical skill labs is to introduce the undergraduate students to various laboratory and clinical procedures involved in dentistry in a simulated environment. Pre-clinical training helps to acquire adequate knowledge, better understanding of the subject and improve hand skills, required to carry out quality dental practice. DCI curriculum clearly outlines a set of pre-clinical exercises to be completed by every undergraduate student before entering the clinics. Pre-clinical training starts from the first year of undergraduate course mainly in preclinical conservative, preclinical prosthodontics, preclinical orthodontics and dental anatomy.

First year Pre-clinical Skill lab

DEPARTMENT OF DENTAL ANATOMY AND ORAL HISTOLOGY

Pre-clinical exercises include

- 1.Tooth carving on wax blocks
- 2.Identification of types of dentitions

3. Identification of oral histology slides.

Second year Pre-clinical skill lab

The Pre-Clinical CONSERVATIVE AND ENDODONTICS lab has a seating capacity of 30 attached with phantom heads. The laboratory is fully equipped with micromotors, LCD projector and screen.

Pre-clinical exercises include:

1. Cavity preparation on plaster models. (Class I to Class VI)
2. Cavity preparation on extracted natural teeth. (Class I to Class VI)
3. Cavity preparation and restoration on typhodont. (Class I to Class VI)
4. Rubber dam application
5. Manipulation of dental cements.

The Pre-clinical lab of PROSTHODONTICS has a seating capacity of 50. The laboratory is well equipped with Lathe, Model trimmer, plaster dispenser, study model, acrylizer, dewaxing unit and water heater.

Pre-clinical exercises include

1. Impression making with impression compound.
2. Anatomical landmarks on a plaster models.
3. Special tray Fabrication
4. Teeth setting in class I occlusion on articulators.
5. Step by step procedures in the fabrication of and processing of complete dentures, removable partial dentures.
6. Manipulation of different dental materials like alginate.
7. Repair of dentures.

Third year Pre-clinical skill Lab

PRE-CLINICAL ORTHODONTICS LAB

Pre-clinical exercises include

1. Basic wire bending exercises.

2. Fabrication of orthodontic appliances.

PRE-CLINICAL PEDODONTICS LAB

1). Fabrication of Habit breaking appliance

Basic Sciences Lab

In addition to the pre-clinical simulation labs, our institution offers state of the art facilities in basic science subjects' anatomy, physiology, biochemistry, pharmacology, microbiology and pathology.

Steps to improve preclinical skills

1. Objective Assessment of Pre-Clinical Skills: For Pre-Clinical Dental Subjects, rather than assessing in subjective based manner, the institute uses a 25 Point Scale Based Objective Assessment Sheet, specific for each skill, to evaluate student work.
2. Blended Teaching: A robust ICT enabled learning environment with moodle platform, Smart Classrooms enable use of multimedia and video demonstrations in teaching Skill enabling effective learning and retention of knowledge.

File Description	Document
Geo tagged Photographs of the pre clinical laboratories	View Document
Any other relevant information	View Document

8.1.3 Institution follows infection control protocols during clinical teaching

1. Central Sterile Supplies Department (CSSD) (Registers maintained)
2. Provides Personal Protective Equipment (PPE) while working in the clinic
3. Patient safety curriculum
4. Periodic fumigation / fogging for all clinical areas (Registers maintained)
5. Immunization of all the caregivers (Registers maintained)
6. Needle stick injury Register

Response: A. All of the above

File Description	Document
Relevant records / documents for all 6 parameters	View Document
Institutional data in prescribed format	View Document
Immunization Register of preceding academic year	View Document
Disinfection register (Random Verification by DVV)	View Document
Central Sterile Supplies Department (CSSD) Register (Random Verification by DVV)	View Document
Any additional information	View Document
Link for Additional Information	View Document

8.1.4 Orientation / Foundation courses practiced in the institution for students entering the college / clinics / internship:

Response:

ORIENTATION FOR FRESH STUDENTS

A grand orientation ceremony is conducted by our institution every year to welcome the new batch of students. Orientation programme is conducted on the first day of the academic session. Induction ceremony is conducted to welcome the new students to the professional dental course. The programme aims at introducing the students about the value of professional life and gives an overview of curriculum and various facilities in the college. Students are briefed about the academic calendar of events for the current academic year. Anti-ragging committee chairperson briefs the students on the measures taken to make our institute a ragging free campus. Students are taken on a tour of the campus to orient them to the classrooms, library, preclinical labs and clinical departments, hostel, mess, and canteen.

WHITE COAT CEREMONY

Our institution organizes a grand white coat ceremony every year when the students enter III BDS. In this programme the students are given a brief introduction to the clinical departments and their code of conduct, followed by distribution of white coats. This programme aims to orient the students to clinical life, where they learn the importance of application of pre clinical knowledge to clinical scenarios. They are briefed about the protocols to be followed in clinics, professional ethics, dress code, infection control and biomedical waste management.

INTERNSHIP ORIENTATION

Internship orientation programmes are conducted every year to welcome the new house surgeons. New dental graduates are instructed to equip themselves with the necessary knowledge and skill to perform all sorts of treatment in all the departments. Hence, a comprehensive training program is designed for the interns every year following DCI/KUHS guidelines. The Interns will be given orientation regarding the

rules, regulations and norms including their roles and responsibilities that are to be followed during internship cycle. They are also encouraged to initiate and perform research projects and subsequently publish their research upon successful completion.

WORKSHOP ON PATIENT CARE

(Community Skills, Infection Control, Biomedical Waste Management, Professional Ethics)

Every year infection control committee of Noorul Islam college of Dental sciences organises workshop on bio safety and bio-medical waste disposal. The main aim of this programme is to make the student understand the importance of infection control in clinical practice. The students are trained to execute proper hand washing technique, gloving technique, biomedical waste management while working in clinics. The importance of Sterilization and disinfection protocols and procedures are also explained to the students.

File Description	Document
Programme report	View Document
Orientation circulars	View Document

8.1.5 The students are trained for using High End Equipment for Diagnostic and therapeutic purposes in the Institution.

- 1.Cone Beam Computed Tomogram (CBCT)**
- 2.CAD/CAM facility**
- 3.Imaging and morphometric softwares**
- 4.Endodontic microscope**
- 5.Dental LASER Unit**
- 6.Extended application of light based microscopy (phase contrast microscopy/polarized microscopy/fluorescent microscopy)**
- 7.Immunohistochemical (IHC) set up**

Response: A. Any 5 of the above

File Description	Document
Usage registers	View Document
Invoice of Purchase	View Document
Institutional data in prescribed format	View Document
Geotagged Photographs	View Document
Any additional information	View Document
Links for additional information	View Document

8.1.6 Institution provides student training in specialized clinics and facilities for care and treatment such as:

1. Comprehensive / integrated clinic
2. Implant clinic
3. Geriatric clinic
4. Special health care needs clinic
5. Tobacco cessation clinic
6. Esthetic clinic

Response: A. Any 5 of the above

File Description	Document
Institutional data in prescribed format	View Document
Geotagged Photographs of facilities	View Document
Certificate from the principal/competent authority	View Document
Any other relevant information	View Document

8.1.7 Average percentage 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 last five years

Response: 1.35

8.1.7.1 Number of fulltime teachers with additional PG Degrees /Diplomas /Fellowships/Master Trainer certificate

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	2	0	3

File Description	Document
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 last 5 years	View Document
Institutional data in prescribed format	View Document
Attested e-copies of certificates of postgraduate Degrees, Diplomas or Fellowships	View Document
Any other relevant information.	View Document

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

Response:

The main objective of our institution is to focus on passing on knowledge, skill and attitudes required for carrying general dental practice involving prevention, diagnosis and treatment of anomalies and diseases of mouth, and associated tissues. The institution signifies on problem based or case reinforced learning, patient simulations, web-based learnings and other strategies designed to help students develop critical appraisal skills and gain mastering over the concept of evidence based oral health care along with a sound understanding of community oral health education contributing towards national and rural health care delivery programs. Here we have a well-structured programme to measure the specific clinical competencies of the BDS students/ Interns that are in alignment with the prescribed DCI/KUHS curriculum. The undergraduate curriculum confirms the attainment of various competencies such as general skills of a dental surgeon, effective practice management and provide efficient patient care in terms of diagnosis , treatment planning and treatment. The attainment of knowledge and various competencies are evaluated through different types of assessment such as post class evaluation tests, monthly tests, internal assesment and university examinations. The achievement of skills and attitude are measured using practical work evaluation and chairside evaluation during the training process and community health camps. The dental graduates passing out from the institution are trained to achieve the speciality wise clinical competencies as mentioned in curriculum and above that.

Every department maintains separate proformas and evaluation formats to measure all the clinical competencies speciality wise. The formative and summative assessment to measure practical skills of the students and viva voce are important strategies to measure the clinical competencies.

The interns are encouraged to take up projects and seminars which require a team effort and collect the information from different sources. These exercises enable the student to gain leadership skills and realize the importance of team work. Both UG students and interns are made to understand the concept of community oral health education and they actively participate in the rural health care delivery programmes. As a result, they develop attitude to maintain the right standard of ethics and conduct and apply these, in all facets of professional life.

File Description	Document
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 last five years	View Document
List of competencies	View Document
Geotagged photographs of the objective methods used like OSCE/OSPE	View Document
Any other relevant information	View Document

8.1.9 Average percentage of first year students, provided with prophylactic immunization against communicable diseases like Hepatitis-B during their clinical work in the last five years.

Response: 97.78

8.1.9.1 Number of first year students, provided with prophylactic immunization against communicable diseases like Hepatitis-B during their clinical work in the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
53	52	54	53	52

8.1.9.2 Number of first year Students admitted in last five years

2021-22	2020-21	2019-20	2018-19	2017-18
54	54	54	54	54

File Description	Document
Policies documents regarding preventive immunization of students, teachers and hospital staff likely to be exposed to communicable diseases during their clinical work.	View Document
List of students, teachers and hospital staff, who received such immunization during the preceding academic year	View Document
Institutional data in prescribed format	View Document
Any other relevant information.	View Document

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.

Response:

Graduate attributes are the qualities, skills and understandings a university agrees its students should develop during their time with the institution. All the Graduate attributes are in compliance with the Dental Council of India.

A. Professionalism

1. Demonstrate appropriate caring behaviour towards patients and respect professional boundaries between themselves and patients.
2. Recognize the etiologic factors for various oral health care problems
3. To know the influence of social, behavioural, environmental and economic factors on oral and health care.
4. Practice evidence based dentistry.

B. Scientific & Clinical Knowledge

1. Diagnose Oral health care problems of patients in all age groups
2. Utilize the recent diagnostic aids and interpret data, which will aid in accurate diagnosis.
3. Manage emergencies including maxillofacial trauma in hospital casualty

C. Attitude

1. Perform procedures to prevent the oral health problems.
2. Perform interceptive procedures to reduce the severity of the oral health care problems.
3. Be a member of the health care team to deliver medical and oral health care in the rural population.
4. Self-centric learning for a continuous updation and upgradation of practice.

D. Research

1. Be largely involved in continuous research activity.
2. Gaining knowledge in writing and publishing research articles.

E. Ethics

1. Maintain International standards in clinical and technical aspects of dentistry, required for general dental practice.
2. Be Aware about hazards in radiation and practice with proper protection measures for patient, operator and staff.
3. Jurisprudence, legal and ethical obligations in dentistry.

Evaluation

The following steps are taken to by the college to attain the graduate attributes.

1. Clinical portion of the curriculum is fulfilled through respective clinical postings as advised by Dental Council of India.
2. Each student has a respective quota of clinical cases to be performed in each department during the clinical posting.
3. End posting clinical exams and evaluation is carried out at the end of every clinical posting.
4. This institution ensures adequate knowledge, fine skills and valuable attitudes required to carry out an ideal and ethical general dental practice
5. Attending preclinical work and clinical postings in all wings of dental departments is made regular part of the clinical postings.
6. Record book is maintained and the students are trained for Viva Voce on the subject in order to facilitate deep understanding during their first four years till internship.
7. The students also learn the concept of community oral health education and become suitable to participate in the rural health care delivery programs.
8. Mentors/ Course in-charge are assigned for every batch who will take care of internal assessment, mental wellbeing of the student and shape the students to strengthen the graduate attributes.
9. Interns are posted in the Casualty of the NIMS hospital attached to the dental college where they are exposed to the management of emergency.
10. A qualitative and formulative assessment of each student is carried out by each department during the completion of the internship programme in which grading of each student is done using a uniform evaluation sheet.
11. Case discussions on virtual cases are carried out to provide exposure to rare cases.

File Description	Document
Dental graduate attributes as described in the website of the College.	View Document
Any other relevant information	View Document

8.1.11 Average per capita expenditure on Dental materials and other consumables used for student training during the last five years.

Response: 0.13

8.1.11.1 Expenditure on consumables used for student clinical training in a year

2021-22	2020-21	2019-20	2018-19	2017-18
19.71800	96.4398	33.39610	23.61525	28.58085

File Description	Document
Institutional data in prescribed format	View Document
Audited statements of accounts.	View Document
Any additional information	View Document
Links for additional information	View Document

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.

Response:

Noorul Islam College of Dental Sciences takes great interest in upgrading knowledge and skills of its faculty. In this regard our institution conducts numerous programmes to strengthen the teaching, learning process of its faculties, to keep them well versed and abreast with latest advances in dental technology.

Advanced Dental Education Department (ADED) was established solely for the above said purpose. Advanced Dental Education Department is synonymous with Dental Education Unit (DEU). ADED oversees the Faculty Development Programme committee, E-content committee to organize CDE, workshops and seminars on a regular basis to update them on recent trends in teaching methodology, to improve the research potential of each staff and to elevate the research profile of the college.

The ADED and FDP unit works with the intention of updating and upgrading the knowledge and skills of faculty from all dental specialities. FDPs emphasize to guide a teacher into a competent and trained educator in dental sciences. FDPs focus to ensure continuous quality improvement in teaching, learning, assessment and evaluation.

The structure of the department includes a convener of the department followed by the conveners of the faculty development committee, E-Content developing committee and workshop and seminar committee conveners as members.

Regular meetings are conducted with staffs of each department to discuss and select the topics for CDE seminars and workshops. All faculties are encouraged to attend the event.

Vision

1. To empower faculty in recent advances in dental technology
2. To achieve maximum participation from the faculties and by sensitizing them about the importance of keeping them abreast with the latest methodologies of teaching and learning.

Mission

- 1.To organize CDE, workshops and seminars in advanced technology in dental field.
- 2.To work in coordination with FDP, E-Content learning and research wing to update the faculty in emerging technologies in dentistry
- 3.To motivate the faculty to actively participate in such events conducted by the department.
- 4.Ensuring skill development by conducting workshops and introducing the faculty to digital world in dental teaching.

File Description	Document
List of teachers year-wise who participated in the seminars/conferences/ workshops on emerging trends in Medical Educational technology organized by the DEU of the College during the last five years	View Document
List of seminars/conferences/workshops on emerging trends in Dental Educational Technology organized by the DEU year-wise during the last five years.	View Document
Any other relevant information	View Document

Other Upload Files

1	View Document
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5. CONCLUSION

Additional Information :

- This institute is well equipped to provide Graduate and Post Graduate courses in Dentistry and is a breakthrough in dental education and health care facilities in the southern tip of Kerala.
- Noorul Islam College of Dental Sciences is attached to 350 bedded medical hospital with all major trauma and intensive care facilities with NABH and NABL accreditations.
- The quality of teaching and learning methodologies is reinforced by ICT enabled digital technologies.
- The students are well trained using high-end equipment with exposure to CBCT, Endodontic Microscope, Soft tissue laser units, imaging software, ceramic and casting lab, advanced histopathology lab, Centre for Genomic Medicine and digital dental radiography. 24-hours trauma care is available at the hospital.
- All PG departments are recognized as research centres of Kerala University of Health Sciences.
- Encouragement for Green campus initiative is given which includes water and energy conservation, alternative energy sources, waste management and clean environment and maintaining plastic free zones.
- NICDS implements all-Khadi uniform dress code, thereby promoting Gandhian thoughts and patriotism in students & staff.
- In Campus hospital offers multiple streams of medical treatments like Ayurveda and Naturopathy offering wide opportunities and exposure to the dental students.
- Various extracurricular opportunities exist for the students like Hockey academy, Sports facilities, Fine arts club, yoga club, music and dance classes.
- The college has great potential to improve its Research and Innovation Profile.
- With access to In-campus multispecialty hospital and Laboratories and vast patient profile, innovative entrepreneurship can be encouraged among the students, through Incubation centre, offering various facilities like CA, Lawyer, Office space and lab space access etc.
- As the college is located in a rural area the population in the vicinity can take advantage of various health schemes such as Ayushman Bharat, Govt Insurance, Medisep, ECHS etc. meant for people from less privileged status.
- The presence of institutions of excellence nearby such as Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram (RGCB) and Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram (SCTMC) allows us to have collaborative research projects.
- Being in the capital city of Trivandrum, Government Dental College is the mentor college for NICDS.

Concluding Remarks :

The college is located in the southernmost taluk of Kerala, Neyattinkara with a rural population of 11,27,662, according to 2022 census. In addition to imparting knowledge and skills in patient management, awareness about the importance of team work, leadership qualities and social skills are provided to enable the students to become an independent, creative and hard-working professional. The management promotes innovation and as an outcome six innovative student projects are carried out under the guidance of Innovation committee. Dental and Medical camps and outreach programs like Oral cancer screening camps, Anti-tobacco campaign and no-plastic campaign are also conducted periodically by NSS, Youth Red Cross unit and WWF. Our institution is also the first campus in India to turn into Khadi by providing khadi uniform to the staff and students of the institution. The special Child Development Research Centre named 'SPECTRUM' is housed in a separate

block with dental clinic for specially abled and neuroatypical children. Institute provides facilities for free medical check-up and treatment in our hospital for the students. The institute has a registered Alumni Association. Noorul Islam College of Dental Sciences is a conclave centre for social services rendered by students and staff. Socially committed students and staff reach out to the needy people by various activities such as Youth Red Cross unit, NIMS Harithakam- Green Initiative to plant one lakh saplings, Neyyattinkara Pension Plan – “Monthly pension for nutritional diet” for differently abled children, pandemic relief programs, Khadi campus project, free heart surgeries, treatment aid for poor patients, village adoption and pension schemes for differently abled children , free dialysis projects, free food item kit distribution, free medicine for HIV patients etc. The college ensures equality to all students and staff by organizing gender desensitization programs regularly in our college campus. Dedicated pathways, ramps, parking, wheel chairs and disability clinics provide a Divyangjan friendly environment. Advanced dental education department conducts Faculty development programmes regularly, which helps to hone the knowledge and skills of faculty, which can be passed on to the students.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.2	Percentage of fulltime teachers participating in BoS /Academic Council of Universities during the last five years. (Restrict data to BoS /Academic Council only) 1.1.2.1. Number of teachers of the Institution participating in BoS/Academic Council of universities year-wise during the last five years Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table> Remark : DVV has given the value as HEI has not provided the affiliating University order for nomination for Academic Council.	2021-22	2020-21	2019-20	2018-19	2017-18	7	7	7	7	7	2021-22	2020-21	2019-20	2018-19	2017-18	0	0	0	0	0
2021-22	2020-21	2019-20	2018-19	2017-18																	
7	7	7	7	7																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
0	0	0	0	0																	
2.4.5	Average Percentage 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 last five years 2.4.5.1. Number of fulltime teachers who received awards and recognitions for excellence in teaching and student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / <i>academies</i> during the last five years Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>1</td><td>0</td><td>1</td><td>1</td><td>2</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>1</td><td>0</td><td>0</td><td>0</td><td>1</td></tr></table> Remark : DVV has made the changes as HEI has not provided necessary e-copies for their claims.	2021-22	2020-21	2019-20	2018-19	2017-18	1	0	1	1	2	2021-22	2020-21	2019-20	2018-19	2017-18	1	0	0	0	1
2021-22	2020-21	2019-20	2018-19	2017-18																	
1	0	1	1	2																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
1	0	0	0	1																	
3.3.1	The Institution ensures implementation of its stated Code of Ethics for research. The Institution has a stated Code of Ethics for research, the implementation of which is ensured by																				

the following:

1. There is an Institutional ethics committee which oversees the implementation of all research projects
2. All the projects including student project work are subjected to the Institutional ethics committee clearance
3. The Institution has plagiarism check software based on the Institutional policy
4. Norms and guidelines for research ethics and publication guidelines are followed

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. Any 3 of the above

Remark : DVV has made the changes as per shared report by HEI.

3.4.1 Total number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS / NCC / Red Cross / YRC / Institutional clubs etc. during the last five years.

3.4.1.1. Number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS/NCC/Red Cross/YRC/Institutional clubs etc. during the last five years.

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
265	15	101	134	126

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
256	8	101	132	124

3.4.2 Average percentage of students participating in extension and outreach activities during the last five years

3.4.2.1. Number of students participating in extension and outreach activities year-wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
296	276	264	244	269

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
219	215	201	159	168

Remark : DVV has made the changes as per 3.4.1

5.3.1	Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/ National / International levels (award for a team event should be counted as one) during the last five years. 5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/National / International levels (award for a team event should be counted as one) year-wise during the last five years . Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>2</td><td>2</td><td>10</td><td>6</td><td>1</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>0</td><td>1</td><td>10</td><td>6</td><td>1</td></tr></table> Remark : DVV has not consider shared certificate of appreciation and participation.	2021-22	2020-21	2019-20	2018-19	2017-18	2	2	10	6	1	2021-22	2020-21	2019-20	2018-19	2017-18	0	1	10	6	1
2021-22	2020-21	2019-20	2018-19	2017-18																	
2	2	10	6	1																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
0	1	10	6	1																	
8.1.11	Average per capita expenditure on Dental materials and other consumables used for student training during the last five years. 8.1.11.1. Expenditure on consumables used for student clinical training in a year Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>1971800</td><td>964398</td><td>3339610</td><td>2361525</td><td>2858085</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>19.71800</td><td>96.4398</td><td>33.39610</td><td>23.61525</td><td>28.58085</td></tr></table> Remark : DVV has converted the value into lakhs.	2021-22	2020-21	2019-20	2018-19	2017-18	1971800	964398	3339610	2361525	2858085	2021-22	2020-21	2019-20	2018-19	2017-18	19.71800	96.4398	33.39610	23.61525	28.58085
2021-22	2020-21	2019-20	2018-19	2017-18																	
1971800	964398	3339610	2361525	2858085																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
19.71800	96.4398	33.39610	23.61525	28.58085																	

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations