



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

PMS COLLEGE OF DENTAL SCIENCE AND RESEARCH

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

PMS College of Dental Science & Research is a co-educational institute recognized by Dental Council of India & affiliated to Kerala University of Health Science (KUHS)

Established in 2002 it is the first and premiere self-financing dental college in Kerala. This institution is a unit of NRI Service & Education Trust established under the able guidance of visionary chairman Dentashreshta Dr.P S Thaha with primary objective of impacting high quality dental education and creating the Global Dentists of tomorrow. Located in Vattappara, a rural area in Thiruvananthapuram the institution has been able to serve the rural population by offering high quality oral health services.

The institution provides a competitive edge to the Under graduate and Post graduate students with its state of art infrastructure spreading over 3 lakhs square feet and a right blend of both experienced and enthusiastic young faculty to guide and train them. The micro lecture system with Activity Based Learning (ABLE), continuous mentoring system and student councillor support help to accommodate the learner diversity from advanced learners, average learners to minimum learners. The institution is currently conducting Ph.D. program in four departments.

The Comprehensive Clinic System, Advance Dental Science Department, add on courses and exposure to high end equipments in various departments help to sculpture the clinical skills of an emerging dentist. Frequently outreach programs and extension programs are being co-ordinated by the college and the NSS unit. The personality development programs, value added courses & co-curricular activities in the institution help the students to bloom into full potential responsible human beings.

The NAAC assessments and accreditation process supervised by Institutional Quality Assurance System has been an impelling force in enhancing the institution's quality pursuits and a catalyst for touching greater heights in the arena of dental education and research.

Vision

- To be an outstanding Dental & Research Institute of International repute for producing dental professionals with skills, knowledge and values.

Mission

- Promote sustainable development of Dental and allied Health Education, consistent with statutory and regulatory requirements.
- Plan and continuously provide excellent infrastructure, learning resources required for quality education and innovations.
- Stimulate, to extend the frontiers of knowledge, through Faculty Development and Continuing Education Programs.
- Impart awareness on Dental Science and Oral Health to the society with special reference to Educational

Institutions.

- Make research a significant activity involving Staff, Students and Society.
- Promote collaborations with Regional, National and International Institutions
- Establish healthy and regular interactions with all stakeholders for vision oriented growth.
- Fulfil the National Obligation through participation and contribution to National Health Programs.
- Provide regular value based education to the students.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Proactive management committed to impart education excellence through state of art facilities and impressive academic governance and administration
- Dedication and untiring efforts of teaching faculty for imparting quality education to students
- Library with access to all major titles in the field, back volumes, books as well as journals.
- ICT enabled campus
- Student centric teaching learning methodology is practiced
- Structured LMS system with access to e-governance and e-learning content for the benefit of students
- Regular and continuous monitoring of teaching learning process through evaluation and feedback

- Field visits, industrial visits, outreach activities are incorporated as co-curricular learning for the benefit of students
- Strong student and staff grievance support system
- Mentor mentee system for individual student support
- No discretion/bias what so ever based on gender, religion or disability
- Financial support for deserving students provided.
- Opportunities for co-curricular and extra-curricular activities for overall holistic student development
- Academic MOU with national & international academic institutions
- Laminated clinic system for the benefit of students and patients
- Ragging free, tobacco/substance abuse free campus
- Eco friendly campus
- Hostels with state of art amenities like gym, yoga centre, prayer rooms, indoor and outdoor sports facilities and swimming pool
- Job placement assisted through associated organizations like placement cell, IDA placement wing and PMS alumni

Institutional Weakness

- Although PMS College of Dental Sciences and Research is having a total area of around 3 lakhs square.ft situated in 12 acres of land at Vattappara, it is still located located at a remote area. Weakness which our institution pursue is that the attached medical college is situated 4 kms away from our institution. Hence there is a limitation in medical training aspects. Students are to be transported for Major Surgery exposures. In Extreme Cases, Medical Emergency patients are to be shifted to the attached medical college for proper management with medical backup.
- Another weakness is not having adequate public transport from the nearby bus/ railway station to our institution. Even though there are few public transport buses, it will not suffice the needs of patients and

their bystanders. This is resolved partially by allowing college buses every 30 minutes to and fro from the nearby bus point.

- Being a private institution it is difficult to get govt funded research projects and limited scholarly and faculty.
- Needs improvement in multidisciplinary and highend treatment arena for the benefits of patients (In order to overcome this situation we have adapted Comprehensive Clinic System).
- Despite the existance of MoUs with various International and National reputed for student and faculty exchange programs, lack of provision for incooperating them in academic curriculam as per the university norms.

Institutional Opportunity

- Research facility for undergraduates which will inculcate research skills in their early career and providing a better environment for research, innovation and ecosystem.
- Overall development of students through various associated activities like NSS club, nature club, music club, media club.
- Prompt Allocation of Funds to individual departments for procuring most modern advanced equipments.
- Encourage more number of students to progress to higher education such as PhD.
- Assuming University rules are through, there exists opportunity for international student and faculty exchange programmes on credit bases.
- Conducting more Value added courses which focus on skill enhancement of students
- Regular teacher training programmes and quality related workshops/ seminars arranged for faculties.
- Centralised Sterilisation Unit.

Institutional Challenge

- To increase the number of Govt funded research projects
- To increase the number of high impact publications and patents from the institution
- To increase the academic output especially the university ranks and distinctions
- To increase the outpatient numbers of the college
- To set up a central research laboratory
- To motivate the students for pursuing higher education, more number of placement and also to have more number of industry interaction
- Rectification or resolution following Feedback Collection, Assessment and incooperation of technology driven treatment facility.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Our institution being affiliated to KUHS, Trissur, complies the curriculum guidelines provided by the university and abides the regulations of DCI. Within the scope of the mandates set by the statutory regulatory authorities, the institution has outlined its vision and mission to be an outstanding dental institution for which we have framed the institutional curriculum. Accordingly a well -defined curriculum policy and internship curriculum are in place, which is wetted and established by means of various committees such as academic

committee, committee of academic directors, committee of associate deans, education technology department and college council.

One faculty of the institution is a Board of Study member of the university, who directly communicates to the university on behalf of the institution thus participating in curriculum revamping process. Whereas 7 senior most professors also contributes indirectly in curriculum revamping through the respective specialty BoS members designated by the university.

Curriculum enrichment is done by incorporating various Add-on/certificate courses such as Refresher Course for Interns, BLS course, CBCT, SEED etc., which was benefited by more than 90% of the previous outgoing students.

Though we experience limited curricular flexibility, institution has conducted 97 interdepartmental/ inter disciplinary courses/training programs in the last 5 years. Institution also offers the flexibility and facility of taking up improvement and remedial examination schemes so as to improve the internal examination scores thus providing a better learning environment for the students.

In order to provide an arena for holistic development of students, co-curricular activities such as field visits, industry internships, research labs visits and peripheral and community postings are arranged from time to time. Extra curricular activities are a routine culture of the institution.

Cross cuttings issues relevant to gender equity, environmental sustainability, human values, health determinants, professional ethics, biomedical waste management and infection control protocols are integrated in the curriculum and imparted to the students in the form of community oriented activities, observing commemorative days and arranging other such programs in the campus.

Regular feedback mechanism regarding curriculum from various stakeholders and industry interaction is in place so as to provide an updated and relevant curriculum to the students.

Teaching-learning and Evaluation

Teaching Learning and Evaluation is the most important component of our institution. The institution has defined Learning Outcomes and graduate attributes, which is published in the website. Course outcomes and Program Specific Outcomes are communicated to the students by the respective departments. Adequate measures are taken up by the admission committee to ensure due consideration of the entire reservation category as per the government guidelines during student admission. Hence for the past 5 years we have 100% of the seats filled against seats earmarked for reservation category.

Our college is considered the best of its kind in the state hence we have an average of 99.41% of seats filled-in for various programs in the last 5years. Since the students are allotted by govt. of Kerala, we lack student admission from any other states or countries. Institution clearly believes that no two students have identical learning ability hence we perform a measurable learner level identification during the orientation classes to classify as minimal, average and advanced learners and provide customized teaching, remedial training and mentoring facility. We have adequate student teacher ratio of 5:1 with 61 mentors in the preceding academic year, which shows a mentor-mentee ratio of 1: 11 highlighting adequate student support system apart from

college counselor and resident tutor system. Enhanced learning experience is provided by ICT enabled campus and incorporating Student Centric Learning Approach, clinical skill laboratories and simulation based learning. Institution provides state of art facility for the conduct of participatory learning, experiential learning, problem based learning and encourage self directed learning. Moreover average percentage of fulltime faculties against sanctioned post is 100% with the average teaching experience as 7.91 years in the institution. 18.25% of the faculties have additional qualification for recognition as PhD guides. About 50% of the teachers are regularly trained for developing e-contents and more than 100 lecture videos are posted in institutional LMS for the access of students. We have a robust and transparent continuous evaluation system with centralized and digital evaluation centers headed by an examination committee, which also deals with student grievance regarding examination or evaluation process.

Research, Innovations and Extension

Department of research and publications coordinate research activities of the institution. Institutional scientific review committee and ethics committee monitor the scientific merit and ethical conduct of institutional research works. A conducive environment is provided for our faculty and students to involve in research activities. We are recognized as research centre by Kerala University of Health Sciences and NITTE University, Mangalore. 10 faculty are PhD Guides and 6 students registered in our institution for PhD. 5 of our faculty members have obtained PhD degree and 12 are currently pursuing PhD.

College regularly organizes research methodology workshops, grant writing and intellectual property rights seminars, industry academia collaborative deliberations etc. We have received funding from external agencies and faculty are involved in clinical trials in collaboration with industry. Recently we have signed an MoU with TIPS-TiMED, SCTIMST to periodically conduct training programs and seminars to facilitate linkages between academia and industry and to support new ventures like start-ups.

College provides sufficient clinical material and research facilities and collaborating with many prestigious national research institutes like Rajiv Gandhi Centre for Biotechnology, Sree Chitra Tirunal Institute of Medical Science and Technology, Centre for Development of Advanced Computing etc.

Research work of faculty and students are translated to high quality publications and presentations. Faculty have published 614 articles and authored 16 books/chapters in books. Undergraduate students are encouraged to involve in research work, do scientific presentations and publish articles. We are part of YIP (Young innovators program) of the Kerala Development & Innovation strategic council (K-DISC). This year 43 students registered and submitted 17 new research ideas under the mentorship of our staff members.

Institution takes part in extension activities including Dental awareness, screening and treatment camps conducted in and around college premises, School health programmes, Special camps for tribals, old age homes, orphanages, oral cancer screening and awareness program (Snehathalam), tobacco cessation camps etc. In the last 5 years, more than 500 camps were conducted through participation of around 1200 students. A completely equipped dental mobile dental van has been specially designed for conducting treatment camps.

Infrastructure and Learning Resources

Institution has adequate infrastructure and learning resources facilities conducive for quality education and effective patient care.

Entire campus is WiFi enabled with well-furnished ICT enabled class rooms, laboratories, seminar halls, museums, video conference room, media room and interactive boards.

Clinics are equipped with high end facilities like CBCT, Endodontic Microscope, Hard Tissue and Soft tissue laser units, imaging softwares, phase contrast microscopes, Immunohistochemistry (IHC), Animal Tissue Culture facility.

Laminated clinic system encompassing the comprehensive clinics, the designated PG clinics, the Priority Clinic along with the Advanced Dental Sciences Department provides the best patient care system among its kind.

Extensive community learning for students via outreach programs and extension activities are our highlights facilitated by a fully upgraded dental van and units.

Institutional library is well equipped and fully automated using Library software (LIBMAS) and provides access to text books, international journals, national journals and other reading materials and e-resources including digital library and LMS

Well-furnished hostel facilities, staff quarters, day care, surveillance system disabled and transgender friendly atmosphere are added credits. Adequate emphasis is given for co-curricular and extracurricular activities, accordingly the central auditorium, mini AC auditorium, indoor and outdoor sports and cultural facilities, health fitness facilities such as gymnasium, swimming pool, yoga centre, common rooms, prayer halls and transportation facility are in place.

Organic farming, pisciculture, Apiculture, Miawaki forest, green audit etc. enriches the Green Campus initiatives. Institution has a properly functioning biomedical waste management system, sewage treatment plant and infection control system.

Student Support and Progression

PMS College of Dental Sciences & Research has an efficient system for empowering students who form the primary stake holders of the institution. The college has student centric programs for student empowerment, and skill development. The institution`s social inclusion practices include , financial incentives , fee waivers , scholarships in addition to that provided by governmental and other non governmental institutions/ agencies

.The information regarding the same is not only provided to the students but also displayed on the institutional website which is updated regularly. Capability enhancement and career guidance programs like finishing school, in addition to personality development, soft skill development, language and communication skill development programs are conducted in the institution on a regular basis. The institution offers academic support for slow learners and advanced learners in addition to expert guidance by faculty for facing competitive examinations. Co – curricular, extra – curricular and sports activities are encouraged to instill sports man spirit and ensure all-round development of a student into a responsible, socially committed mature individual. Alumni of PMS COLLEGE OF DENTAL SCIENCE & RESEARCH has cleared national level competitive examinations including civil services examination and have progressed to higher levels of learning or employment. The college has a placement cell which functions independently and also in conjunction with local & state branch of Indian Dental association for placement of students passing out of the institution. Students have secured ranks and gold medals for academics both at institutional and state levels. PMS COLLEGE OF DENTAL SCIENCE & RESEARCH provide the students with ample support for sporting activities and the college team has won accolades in several institutional, zonal and state level sporting events. Student Council in the college represents the students regarding their welfare and representation in both academic & administrative activities. Through the student council the students are provided opportunity for organizing sporting, cultural and scientific events too. PMS COLLEGE OF DENTAL SCIENCE & RESEARCH has a transparent mechanism for timely redressal of student grievances, prevention of sexual harassment and prevention of ragging. Anti-ragging campaigns and human value development programs are regularly held in the college to motivate the students to prevent ragging and uphold human values. The Alumni association of the college meets regularly and is actively involved in various activities of the institution as resource persons, judges or facilitators for both scientific and extra-curricular activities.

Governance, Leadership and Management

Our institution strives to be a center of academic excellence. Our solid organizational structure contributes immensely to this continuous endeavor. A democratic eco system is in place for free exchange of ideas, opinions, suggestions, decisions and formulation of policies. Good governance ensures equal participation of all stakeholders in the regular functioning of the institution.

Effective strategy planning by Board of directors, College council, IQAC, and Academic committee and its successful implementation by various committees have contributed to the growth and productivity of college.

Introduction of novel ‘ABLE’ system, an innovative approach to teaching and learning paradigm is testimony to the strategy planning. Armed with technological aids the ‘ABLE’ system has breathed a fresh lease of life into the rather mundane academic curriculum.

The strategy of collaborative learning has borne fruit with the student exchange programs with foreign universities by offering world class dental education to the aspirants from other countries. The college is diligent in hosting an annual “International Faculty Week” where eminent academicians from around the world share their clinical acumen and knowledge with the students and staff and above all with the dental fraternity within the country.

On the research domain, an active research and ethical committee which is functioning ensure quality research. Research activities aims to contribute to dental fraternity and population at large with its outcome. Our oral cancer research project is focusing on point of care diagnosis which is simple, cost effective and can be readily used by low skilled personnel. This approach is vital to down stage oral cancer and to cater larger population.

Last but not the least the college is mindful about its commitment to the society at large. The sense of duty to community is reflected in the quantum of community dental programs and cancer screening programs executed.

Institutional Values and Best Practices

The college has been organizing gender sensitization programs every year on international women's day and men's day. The institution celebrates festivals of different communities with same enthusiasm like Onam, Christmas, Eid which help the staff and students better understand the culture of other regions while also encouraging communal tolerance and harmony.

The biomedical waste from the various departments is collected and segregated at source, sent to the waste management area on campus and is being disposed by IMAGE, as per the MOU signed between the Hospital and the Company.

The camps conducted in tribal areas provide immense support to the population in inaccessible areas. The holiday clinics and satellite clinical centers around the locality provide services to the needy and poor among the society during public holidays.

It is unfortunate to note that a few disasters struck the country as well as state in the last few years. Our Management, Staff and Students mobilized funds and relief material to help the affected people.

The biogas plant and sensor-based energy conservation plays a significant role in conservatively using the energy sources. The rain water harvesting, tanks and bunds and water body in the college help to be self-sustained and enrich the water resources. The management takes an added effort to provide a clean and ecofriendly environment for students as well as the patients.

The college follows strict code of conduct for students, teachers, academic and administrative staffs and also organizes programs on professional ethics and awareness.

Our institution organizes various international and national commemorative days, events and festivals every year like teacher's day, children's day, dentist's day, Environment Day, No tobacco day etc. The institution meets the needs of different strata of patients through the functioning of Priority Clinic, Comprehensive Clinic, and PG clinic. Activity Based Learning Education (ABLE) system aimed at managing various learning related issues of the students such as lack of concentration, inability to comprehend, analyze, apply and evaluate the subject taught. The Institution in accordance with the mission and vision has embraced various collaborations with International Institutions for academics, faculty/student exchange and development.

Dental Part

The college admits students with a NEET qualifying percentile ranging from 94.64 to 42.3 with a mean percentile of 82.26 ± 10.5 (SD). Our students are marked above the national average with a considerable relative standing after a robust preclinical laboratories and clinical resources. Institution strictly follows infection control protocols in clinical practice as well as clinical teaching which overlooked by the infection control committee and Covid Jagratha Cell with a well framed infection control policy and patient safety manual. Under its preview all the departments strictly follow sterilization and disinfection process which are well documented thus compensate the absence of a central sterile supplies department (CSSD). The students are

provided with PPE while working in the clinic and are strictly adhere to adhere to immunization of all the care given involved in clinics.

Regular orientation courses are given for newly admitted students in both UG and PG. Students entering clinics as well as internship with special emphasis on patient care, infection control protocols, biomedical waste managements as well as professional ethics. Students are provided training in specialized clinics such as comprehensive clinic, geriatric special health care need and Tobacco Cessation Clinic. A noteworthy number of faculties have acquired additional postgraduate degrees beyond the eligibility requirement. The level of clinical competencies is set by the various evaluative assessments.

The dental graduate attributes are well defined and their attainment is assessed by an evaluation performa. College provides adequate dental materials for student training and clinical teaching with a per capita expenditure of 68 lakh. A well established Dental Education Technology Department is established in the institution aiming at faculty training programs and overall academic improvement strategies.

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PMS COLLEGE OF DENTAL SCIENCE AND RESEARCH
Address	Golden Hills, Venkode P.O, Vattappara, Thiruvananthapuram
City	Thiruvananthapuram
State	Kerala
Pin	695028
Website	www.pmscollege.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Rajesh Pillai	0472-2587979	9447744470	0472-2587874	info@pmscollege.ac.in
IQAC / CIQA coordinator	Smitha C	0472-2587878	9895424094	0472-2587556	smithac77@gmail.com

Status of the Institution	
Institution Status	Self Financing
Institution Fund Source	Trust

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes Minority certificate page1-converted-compressed.pdf
If Yes, Specify minority status	
Religious	Muslim
Linguistic	
Any Other	

Establishment Details	
Date of establishment of the college	01-01-2002

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	21-09-2021	60	This is as per the latest MDS recognition order

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	Golden Hills, Venkode P.O, Vattappara, Thiruvananthapuram	Rural	11.5	300000

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	66	SENIOR SECONDARY EXAMINATION AND NEET UG	English	100	100
PG	MDS, Department Of Oral Medicine And Radiology	36	BDS AND NEET PG	English	3	3
PG	MDS, Department Of Periodontology	36	BDS AND NEET PG	English	5	5
PG	MDS, Department Of Pediatric Dentistry	36	BDS AND NEET PG	English	5	5
PG	MDS, Department Of Orthodontics	36	BDS AND NEET PG	English	5	5
PG	MDS, Department Of Oral And Maxillofacial Surgery	36	BDS AND NEET PG	English	5	5
PG	MDS, Department Of Conservative Dentistry And Endodontics	36	BDS AND NEET PG	English	5	5
PG	MDS, Department Of Prosthodontics And Crown And Bridge	36	BDS AND NEET PG	English	5	5
PG	MDS, Department	36	BDS AND	English	3	3

	ment Of Oral And Maxillofacial Pathology And Oral Microbiology		NEET PG			
Doctoral (Ph.D)	PhD or DPhil, Department Of Oral Medicine And Radiology	36	MDS	English	10	0
Doctoral (Ph.D)	PhD or DPhil, Department Of Periodontology	36	MDS	English	8	1
Doctoral (Ph.D)	PhD or DPhil, Department Of Pediatric Dentistry	36	MDS	English	10	0
Doctoral (Ph.D)	PhD or DPhil, Department Of Oral And Maxillofacial Pathology And Oral Microbiology	36	MDS	English	10	0

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	14				36				42			
Recruited	10	4	0	14	24	12	0	36	16	26	0	42
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	14				36				53			
Recruited	10	4	0	14	24	12	0	36	16	37	0	53
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	22				0				0			
Recruited	6	16	0	22	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	22				0				0			
Recruited	6	16	0	22	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				167
Recruited	50	117	0	167
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				171
Recruited	50	121	0	171
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				30
Recruited	17	13	0	30
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				30
Recruited	17	13	0	30
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	1	0	1	2	0	0	1	0	5
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	10	3	0	23	10	0	16	36	0	98
UG	0	0	0	0	0	0	0	0	0	0
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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
Temporary Teachers										
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
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	8	0	0	0	8
	Female	51	0	3	0	54
	Others	0	0	0	0	0
PG	Male	6	0	1	0	7
	Female	27	0	2	0	29
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	2	0	0	0	2
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	4	0	2	0
	Female	8	6	5	6
	Others	0	0	0	0
ST	Male	1	0	0	0
	Female	1	1	1	0
	Others	0	0	0	0
OBC	Male	17	10	11	11
	Female	70	75	64	59
	Others	0	0	0	0
General	Male	4	10	12	7
	Female	33	27	34	43
	Others	0	0	0	0
Others	Male	1	1	1	0
	Female	3	5	6	8
	Others	0	0	0	0
Total		142	135	136	134

General Facilities	
Campus Type: Golden Hills, Venkode P.O, Vattappara, Thiruvananthapuram	
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)	1
* Qualified Doctor (Part time)	0
* Qualified Nurse (Full time)	3
* 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	No
• Any other facility	Yoga Centre, Gym, Swimming Pool & Media Centre

Hostel Details		
Hostel Type	No Of Hostels	No Of Inmates
* Boys' hostel	1	29
* Girls's hostel	3	204
* Overseas students hostel	0	0
* Hostel for interns	2	30
* PG Hostel	2	31

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>The institution focuses on outcome based curriculum in tune with the key aspects of NEP. Our institution is in the process of preparing roadmap for curricular reforms focusing on interdisciplinary and multidisciplinary teaching and learning approach. Reforms formulated are in accordance with incorporation of various aspects of national education policy. The introduction of formative, comprehensive and continuous evaluation of students helps us to achieve the dental graduate attributes as per the new policy. We have introduced additional departments such as Department of Advanced Dental Sciences to incorporate multidisciplinary specialties such as Implant Dentistry, Laser Dentistry, Aesthetic Dentistry, 3D model simulation, Virtual reality and augmented reality into the curriculum. The research department promotes projects involving a n interdisciplinary approach for post graduate and doctoral programs. Undergraduate students are encouraged to undertake short studies and projects based on multidisciplinary approach.</p>
2. Academic bank of credits (ABC):	<p>Our curriculum is prepared so as to incorporate the academic bank of credit system . The students and faculty have freedom and facility to earn credits from various departments as well as higher learning institutions in the national and international level. Various add on courses are incorporated into the curriculum so ensure skill development and credit gain. MOOC courses based on nptel and swayam can be availed through the institution portal. Other authorized credit based programs are also available for the benefit of institution students and workforce.</p>

	<p>Mutually benefitting MOUs with national and foreign universities are undertaken by our institution. Implementation related to global outreach as envisaged in NEP is a part of our long term goals.</p>
3. Skill development:	<p>Our institution had been constantly working on enhancing the skill set of our students. Primary focus on mapping of skill achievement for better employability, advancement in academic and research capability. Students can avail the short term skill enhancement programs and add on courses for their benefit. The institution has established various clubs for upskilling of students. Activity based learning education (ABLE) system with integration of mid class activities such as Peer led Teaching learning, critical pedagogy ,role play helps tremendously in enhancing reading , writing ability along with communication skills. Revision of syllabus is done systematically to integrate multidisciplinary learning approach in line with the national education policy. The curriculum gives importance to ethics, communal harmony; sensitization to environmental issues, gender discrimination, inclusiveness and keeping up owns traditional values.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>The institution gives emphasis to integration of our culture into our fraternity by regularly conducting webinars and programs through spiritual and cultural personalities. Students are encouraged to participate in various arts and cultural programs in institution and University level. Student also actively engages in elocution, extempore and debates on varied socially relevant subjects. The introduction of Yoga classes for students and faculty via online mode was also highly appreciated. These innovative ideas helped us impart traditional as well as cultural values among our students, teaching and non-teaching staff.</p>
5. Focus on Outcome based education (OBE):	<p>The institution gives importance to outcome based education in tune with the national education policy by integration of vocational, professional and skill development evaluation through the dental graduate attribute system. Curricular and co-curricular activities are given weightage in assessing the final outcome from our students. Competencies are measured based on specific program outcome and course outcome. Soft skills, Human Values, Scientific temper and righteous conduct are evaluated</p>

	in the final outcome.
6. Distance education/online education:	<p>Our institution has implemented a fully integrated Learning Management System (LMS) based on MOODLE platform ; with various verticals including online teaching module, distant education module and live class mode in teacher component. Student module comprises of mid class activity submission, post class evaluation submission assignment submission modules. Integration of offline, online, distant and hybrid mode features in the LMS enable us to impart education in a 360 educational model. E contents on a myriad of topics are made available in our system for easy access to students. Our learning system in fully prepared to incorporate new features envisaged on the new education policy.</p>

Extended Profile

1 Students

1.1

Number of students year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
696	712	692	657	653
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

2020-21	2019-20	2018-19	2017-18	2016-17
154	118	116	75	97
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.

2020-21	2019-20	2018-19	2017-18	2016-17
142	135	136	133	130
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

2020-21	2019-20	2018-19	2017-18	2016-17
132	133	122	123	117
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

2020-21	2019-20	2018-19	2017-18	2016-17
132	133	122	123	117
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)

2020-21	2019-20	2018-19	2017-18	2016-17
875.50	995.64	879.70	784.43	828.70
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:

Institution follows curriculum designed by KUHS which is well framed, focusing the outcome based competencies to be attained by an emerging dental aspirants.

Institution systematically plans the curriculum delivery process by forming various committees and in a participative strategies. Just before the commencement of the academic year, the academic directors meets to publish the annual planner, according to which, the committee entrusts the academic committee to prepare and publish the academic planner for the whole institutional activities. The committee entrusts the academic committee to prepare and publish the academic planner with regard to all the academic related activities such as induction programs, orientation programs, department meetings, academic committee meetings, term examinations, mentor meetings, result declaration, clinical posting, field visits, community postings etc.

Associate Dean (Academics) under the guidance of Principal prepares an Annual Calendar with tentative dates focusing on time frames of academic year and curriculum completion and communicates to all the concerned departments in HOD meeting. Meeting minutes are prepared and action taken reports are distributed to all the departments. Head of the Department conducts the departmental meeting and prepares the academic schedule in consultation with the Subject In charges and other faculty members and submits to the Associate Dean (Academics) for publishing. Furthermore the Subject In charges in discussion with the HOD prepares the monthly teaching schedule. As per the monthly schedule, the individual teacher prepares the individual weekly schedule and prepares the teacher log book and get approval by the Subject In charge and HOD before each class. Thus facilitates a time bound completion of the entire syllabus. The dental education technology department under the leadership of Principal ensures strict adherence to the academic calendar and the prepared teaching schedules.

The institution emphasizes on student centric teaching learning system for which the institution evolved Activity Based Teaching Learning Education (ABLE) system for providing an enhanced and meaningful learning experiences to the students. The ABLE system implemented in the institution has well defined policies and SOPs which is under the direct supervision of the Dental Education Technology Department.

As per ABLE system, a blended mode of teaching is implemented which constitutes a modified teacher centric mode with few simple mid class activities, a post class evaluation test, class feedback and an assignment. This method is followed in order to complete the whole portions within the minimum stipulated time followed by an extensive revision in strict student centric mode of teaching so as to provide a participatory learning platform for all categories of students. Student centric teaching learning activities such as POGIL, Peer lead, Jigsaw, Critical Pedagogy, role play, debates, quizzes, concept mapping, flipped classes are extensively used for curriculum delivery and is discussed by the concerned faculties with their respective Subject In charges and HODs to decide the appropriateness of the student centric teaching

activity with respect to the topics. The mid class activities and assignments are graded and incorporated in the internal examinations which also provides a continuous evaluation system, periodic monitoring and assessment of course outcomes.

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: 0.15

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

2020-21	2019-20	2018-19	2017-18	2016-17
1	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
Any additional information	View Document
Link for details of participation of teachers in various bodies	View Document
Link for additional information	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: 64.67

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

Response: 97

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

Response: 150

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: 17.49

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

2020-21	2019-20	2018-19	2017-18	2016-17
85	113	124	225	47

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 institution appreciates and follows the university curriculum. The vision-oriented quality education for imparting the holistic development of the students is achieved by incorporating various added courses and activities

Accordingly, the institution has a well-framed curriculum policy that has incorporated and aligned various curriculum enrichment programs to integrate various aspects of cross-cutting issues of the society such as moral values, gender equality, environmental awareness, sustainability, human values, health determinants, etc.

The institution takes effective measures to incorporate these aspects into the curriculum through the conduct of various training programs, talks, workshops, field visits, camps, and volunteering activities.

The institution is always committed to the uplift of the poor and marginalized sections of the society and rendered all assistance to eradicate poverty and extended its helping arm for the social causes. In our college treatment for yellow ration card holders of Below Poverty Line is free. We have been conducting Dental and Oral Health camps using the Mobile dental clinic for tribal populated areas, tribal schools, old age homes, poor homes, residence associations, and other social and charitable institutions.

We exert a high level of emphasis on imparting human values to our students. Programs inculcating sense of purpose towards social responsibilities such as “No tobacco Day rallies”, “Blood Donation camps”, and large-scale oral cancer screening camps as part of world oral health day are organized every year. Our college came to the forefront of the fight against Covid-19 and donated 1 Lakh surgical masks to the Kerala state police force and 40 ICU beds for Trivandrum Medical College as a helping hand. Our faculty also appeared in Television and Radio programs as part of community activities.

Inculcation of professional ethics is a key area in the development of our students from young adults to responsible dental professionals. Training on the importance of professional ethics including soft skills, patient communication skills, oral health education, and its importance and communication in front of an audience is provided to our students regularly.

Awareness programs and lectures by eminent speakers are conducted for all students to make them understand the importance of gender equity and respect for all in their workplace. This is started right from the first year of the course and repeated at periodic intervals to ensure that they not only understand the way to behave, interact and respect their seniors, contemporaries, and juniors but also to carry forward the same values to their future professional and personal lives.

The objective of the nature club is to promote, monitor, and operate environmentally sustainable activities including love for nature and protection of the environment. The nature club members enthusiastically promote, participate, and monitor activities like tree planting, wastewater management, rainwater harvesting, pisciculture, apiculture, and organic farming

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

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

Response: 3

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

Response: 3

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: 8.87

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

2020-21	2019-20	2018-19	2017-18	2016-17
192	31	86	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: 26.29

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

Response: 183

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

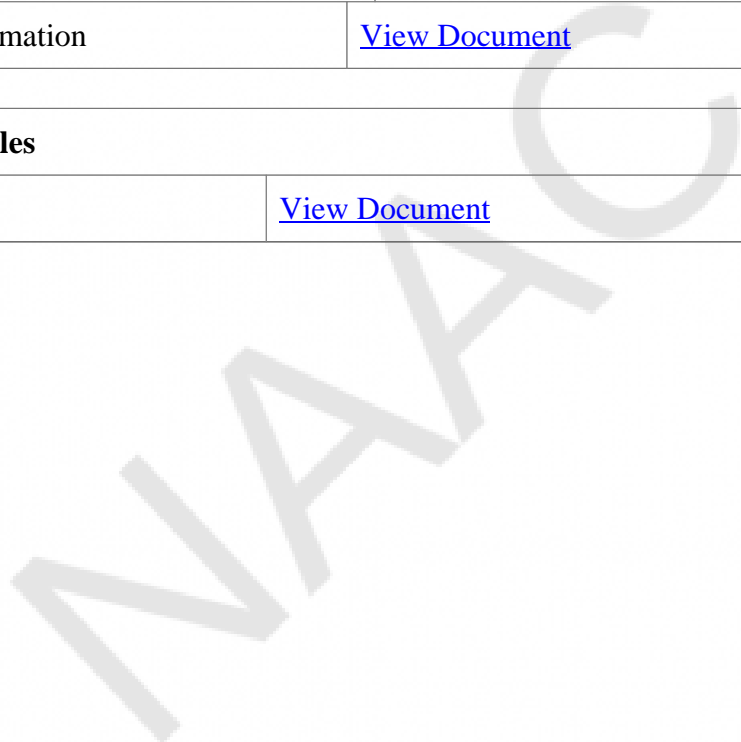
<p>1.4.1 Mechanism is in place to obtain structured feedback on curricula/syllabi from various stakeholders. Structured feedback received from:</p> <ol style="list-style-type: none"> 1. Students 2. Teachers 3. Employers 4. Alumni 5. Professionals <p>Response: A. All of the above</p>	
File Description	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

<p>1.4.2 Feedback on curricula and syllabi obtained from stakeholders is processed in terms of:</p>
--

Response: B. Feedback collected, analysed and action has been taken

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



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: 92.35

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

2020-21	2019-20	2018-19	2017-18	2016-17
84	85	75	70	79

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

2020-21	2019-20	2018-19	2017-18	2016-17
136	85	75	70	79

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:** 99.41

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:

2020-21	2019-20	2018-19	2017-18	2016-17
140	135	136	133	130

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

2020-21	2019-20	2018-19	2017-18	2016-17
140	136	136	136	130

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

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

Other Upload Files	
1	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:

Institution emphasises on the holistic development of students and staffs accordingly the best physical and recreational facilities are available in the campus for providing co-curricular as well as extracurricular activities. The institution regularly hosts inter & intra college fests & cultural events annually usually in the month of december, which explores the talents of the students within our institution and the later invites student participation from various dental colleges in Kerala. Along with discovering and boosting various talents, these fests also implant the skills of event organisation and management in the students and help them develop qualities of effective leadership, team spirit and sportsmanship. These cultural fests offer a spectrum of excitement and are skilfully customised by the faculty and student coordinators to challenge the 'intellectual' and "artistic" talents among the participants. Furthermore the qualified physical education trainer of the institution regularly provides training and practices in various sport for both students and staffs. The college provides ample facilities for outdoor sports and games like Cricket, Kabaddi, Football, Volley ball, throw ball, Hand ball and indoor game facilities such as Caroms, Chess, Swimming Pool & Gymnasium, meditation center and prayer room. Yoga facility is available in the campus for both staff & students. Institution regularly conducts annual sports and games of inter departmental and intra institutional events, to bring about overall development of the students. Dias, audio arrangements, podium, Banner for felicitation during annual sports meet are arranged by the institution. Our Institution provides campus playground for organising events of intercollege and inter university sports meet. 'Chakravyuh' is one such inter institutional sports event of dental colleges frequently organised by the college. These events are organized with lot of enthusiasm and bring out latent talent, spirit of unity and cultural diversity to the forefront.

College has several clubs which promote interest in cultural activities & organises a number of programmes. Air conditioned auditorium with state of art Audio visual facilities are available in campus. Annual cultural competitions like debates, dramatics, dance, music, literary, fine arts which are well coordinated by the student council. Separate Green room, common room, aminite area and cultural room facilitates preparation of Cultural events. The media room also provides the recording and editing facilities for recording of various programs and aslo provides facilities for watching movies in the campus. Evening cafeteria is a catchy highlight after the college hours. Cultural activities are supported financially, arranging choreographers, costumes, transportation etc. Winners are felicitated in the annual gatherings. Students actively participate in intra & inter college events throughout the year and bring several laurels to the college. Students selected to represent college at university level, state level competitions are financially supported by the college.

Students are equally involved in environmental initiatives through nature club and NSS as well. Students actively participates in organic farming , psyculture, apiculture which are added highlights of our institution. Tour programs, small picnics, herbal garden visits, outreach programs are also arranged as a part of recreation for both students and facultyies.

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 institution emphasizes participatory learning replacing the conventional passive learning methodology. Accordingly, various measures are adopted by the institution for implementing student-centric teaching-learning methods. The classroom integrated laboratory (CLAB) system and the comprehensive clinic system provides the platform for experimental learning. This provides a facility for clinical shadowing as well as enables learning by doing. Hands-on training and pre-clinical demonstrations activities such as teeth arrangement, cavity preparation and tooth preparation on typhodont, arch bar fixation, bone grafting in goat mandible, suturing, and manikins are different aids used for providing experiential learning.

Clinical clubs, journal clubs, continuing dental education, interdepartmental case discussions, and peripheral posting provides an arena for integrated and interdisciplinary learning. Furthermore, students are given training in specialized clinics such as aesthetic clinics, geriatric clinics, Tobacco Cessation Clinics (TCC), and to get trained in an interdisciplinary approach. The participatory learning methodology is the mainstay of curriculum delivery wherein the Activity Based Learning Education (ABLE) system is incorporated by following various teaching-learning activities such as POGIL, Concept mapping, Jigsaw, game-based learning, peer lead team-based learning, role plays, debates, critical pedagogy, flipped classes to provide student-centric and enhanced learning experiences.

Problem-solving methodologies are efficiently practiced in the institution. Patient cases are used as a collaborative learning model to provide relevance to the theory topics. This system motivates and stimulates the students to think by focusing their attention on a particular case/problem and working towards understanding and resolving that particular case. The students are also trained to formulate concepts, which require additional reading enabling a self-directed learning process through which they will solve the problem.

Patient centric and evidence based learning is facilitated through regular conduct of clinical discussions and journal presentations. Where they are exposed to clinical situations and treatment plan is formulated

based on evidence based practice with the best interest of patient in mind. These activities are done either as small groups or individually.

Teachers being facilitators & practice of ABLE system enhance the self-directed learning process. The digital learning resources & LMS provide facilities for self-directed learning.

Students are given adequate facilities for learning in humanities by incorporating professional ethics, communication skills, empathy, emotional intelligence, ethics and practice of infection control process and biomedical waste management system during the various orientation classes, training in community camps, outreach, and extension programs.

Practicing role-plays are routine practice as a part of the ABLE system, which motivates students in a fun and engaging way. We reduce large chunks of content into smaller sections which can be more effectively presented as a role play. This provides opportunities for critical observation of peers and encourages students to think more critically about complex topics.

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:

Our institution makes use of the Information and Communication Technology (ICT) Tools for class room lectures, enabling the higher order thinking skills of the students to be improved and students are engaged and comprehend the illustrations better.

This integration changed the classroom dynamics completely and urge understudies to include themselves & it enhances their analysis and understanding level of the lessons educated by the teachers. ICT Tools are used by all the teaching faculties of our institution for preparation of lessons, for readiness of examples, various decision questions (MCQ) and tasks so understudies can learn illustrations, submit tasks and MCQs.

The incorporation of technology in teaching and learning gives a number of benefits to the students such as Gamified learning, Digital content and Digital field trips. Students 'feedback can also be obtained to understand their further necessities. The primary goal is to further develop the information trade among teacher and students.

ICT Tools are user friendly and give various choices to make it as customized as could really be expected, empowering the teaching faculty to create our own contents. Students can listen to / follow the lessons once prepared by teachers and do their homework also.

We employ ICT tools like crossword maker, google forms, kahoot quiz. Using Google forms, teachers create quizzes, prepare questionnaires. This tool makes the evaluation process and consolidation of scores very easy. Google Forms provides an effective way for data collections, responses are automatically collected with response details and charts. Data can be further viewed in sheets also. Kahoot quiz enables creation of Interactive and motivational quiz in an effective way. This tool makes the evaluation process and consolidation of scores very easy. For presentations, the faculties use ICT tools like google slides & slideshare. Google slides enable multiple users to work on the same presentation simultaneously. ICT tools used for online collaboration are google docs, google slides & google spreadsheets.

This tool makes the evaluation process and consolidation of scores extremely simple. Google Forms gives a powerful way to information assortments, reactions are consequently gathered with response details and charts. Information can be additionally seen in sheets moreover. Kahoot quiz empowers formation of Interactive and persuasive test in a successful manner. This instrument makes the assessment interaction and solidification of scores extremely simple.

The incorporation of ICT tools such as interactive board, LCD Projectors, Learning Management Systems, MOOC Platforms, e library, apple TV, laptops, digital cameras, projectors and screens, microphones, swayam, NPTEL learning resources, video conferencing, fast internet connectivity provides enhanced and effective teaching learning process. Our campus is WiFi enabled with a speed of about 50mbps which provides the facility of internet access and connectivity for all students and other stake holders in the campus.

Our Institution strongly believes that a good educator ought to be digitally proficient and should know the viable method to integrate technology into curriculum so that teachers can keep students engaged

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: 11:1

2.3.4.1 Total number of mentors in the preceding academic year

Response: 61	
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 institution follows a student-centric learning methodology, which provides ample opportunity to nurture creativity, analytical skills, and innovation among the students. The faculty being facilitators encourages the students to develop critical thinking skills for diagnosis, differential diagnosis, and treatment planner furthermore enhances investigative skill towards various scientific topics. The activity-based teaching-learning education (ABLE) system for curriculum delivery incorporates mid-class activities like critical pedagogy which encourages critical thinking among the students. The activities such as concept mapping and 3D model preparation activities are given to the students to conceptualize the topics which nurture creativity and innovation among the students. Students are encouraged to prepare 3D models, innovative posters, charts which also contribute to innovation among students. The involvement of students in the regular model and poster preparation which are routine practices in the teaching-learning program enhances the student capacity of conceptualization & creativity. The advanced learners are encouraged to assist the slow learners which also provides an opportunity for enhancing the student analytic skill. The comprehensive clinical system followed in the institution by itself is a mode to enhance the analytical skills of the students, from 3rd year onwards students are encouraged to develop comprehensive treatment plans.

Students are encouraged to participate in various intercollegiate programs and conferences this provides post-graduates students are exposed to programs such as clinical clubs, journal clubs, interdepartmental case presentations which enhance their creativity, innovations, and research and experimental skills. The students are also encouraged to participate & register in programs like Young Investigator Project, ICMR short-term studentship program to enhance their research aptitude. Continuing Dental Education programs are conducted every month with renowned experts as resource persons. This provides an opportunity to interact with the industry experts and thus the exchange of knowledge and innovations.

The student participation in extension activities and outreach activities enables them to pay attention to details and improves their creativity and decision-making capacity. The e-newsletter, student magazine,

and institutional journal provide a platform for experiencing their creativity and innovations.

The field visits and research presentations arranged by the institution in various conferences enhance experimental skills and generate innovative ideas.

The student participation in various co-curricular and extracurricular activities provides a conducive environment for the students on the campus which sharpen their analytical skill, creative thinking and generates innovative ideas.

The interdisciplinary case studies are conducted routinely to stimulate critical thinking. These interdisciplinary meetings help to assess an individual's overall health and to approach the patient's case using feedback from all the different disciplines. The students carry out short studies and clinical case studies fostering their research aptitude. The students also attend workshops and conferences in scientific writing, enabling them to deliver quality publications in top peer-led journals. The institution believes in exposure to the current trends and global students, hence all possible facilities are rendered by the institution.

File Description	Document
Link for any other relevant information	View Document
Link for appropriate documentary evidence	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 specialities /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: 18.26

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.

2020-21	2019-20	2018-19	2017-18	2016-17
26	26	25	22	16

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: 7.91

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

Response: 1044

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: 48.38

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

2020-21	2019-20	2018-19	2017-18	2016-17
132	43	94	40	0

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: 4.66

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

2020-21	2019-20	2018-19	2017-18	2016-17
14	6	6	4	1

File Description	Document
Institutional data in prescribed format	View Document
e-Copies of award letters (scanned or soft copy) for achievements	View Document
Awards claimed without certificates will not be considered	View Document
Any additional information	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:

Since its inception, the college is providing annual calendar of events covering commencement of academic session, gatherings of statutory bodies and their schedule, dates of curricular and co-curricular activities, assessment plans, preparatory leave, vacations, college activities, etc. This schedule of occasions is made available to all stakeholders before commencement of calendar year. The academic calendar gives scholastic bearings and provides different strategies for accomplishing the scholarly mission of the college. As the calendar is given in the beginning of the academic year, students have ample time to plan and do their assignments, projects and prepare for exams. The schedule is divided to such an extent that all students can participate in co-curricular and extra-curricular activities like sports, cultural and scholarly rivalries. This guarantees an appropriate harmony among scholastics and different exercises. The exhibitions of all understudies conceded to the course are assessed inside consistently.

The distribution of marks and weightage of all assessments are decided by the concerned departments and are announced to students ahead of time, so that they can prepare for the same. Assessments can be as Written Test, Clinical Examination, Practical Examination and Viva-voce. Mechanism to deal with examination related grievances are transparent, efficient and time bound. Question papers are prepared by the concerned respective faculties with due consideration to the uniform representation from all topics of the syllabus. Internal assessment and final university examinations are conducted in separate examination hall. There is no room for malpractice as there are three to four faculty members are assigned with exam duty at a time in the exam hall and at the same time, students are monitored by the exam superintendent through Closed Circuit Cameras (CCTV). Versatile Jammers are introduced in the assessment lobby that guarantees the bar of electronic gadgets. All internal examinations are conducted and evaluated in an unbiased manner (Centralized Evaluation) by the concerned department faculties. After all internal examinations board meeting and meetings are held to evaluate the student's progress. The institution ensures that seminars, workshops, clinical club meeting, scholarly gatherings, conferences,, remedial classes and coaching classes are adapted in the calendar of events and it does not hinder with the regular classes. Students carve out enough of a chance to do projects, attend seminars, workshops, present scientific papers and posters in national and international conferences apart from their regular academic calendar events. The institution guarantees no weight falls on understudies to finish their scholarly works.

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:

Institutional Internal assessment and final university examinations are conducted in separate examination halls. There is no room for malpractice as there are 3-4 faculty members assigned with exam duty at a time in the exam hall and at the same time, students are monitored by the exam superintendent through Closed Circuit Cameras (CCTV). Mobile Jammers are installed in the examination hall that ensures the blockade of electronic devices. All internal examinations are conducted and evaluated in an un-biased manner (Centralized Evaluation) by the concerned department faculties. After all internal examinations board meeting and meetings are held to evaluate the progress of each student. The examination system shall also provide for mechanisms to resolve any reasonable and valid issues of grievances. All such matters shall be resolved subject to the University rules and regulations.

- Photocopy of Answer sheets

After declaration of the results, if any student wishes to apply for Photocopy/ photocopies of theory answer sheets, he/she shall apply to the KUHS University by paying the prescribed fees notified by the University from time to time.

- Re-evaluation

Re-evaluation is applicable only for theory papers and shall not be entertained for other components such as practical/ Thesis/ Dissertation etc. Every application for revaluation should be submitted by the candidate in the prescribed form along with the fee so as to be received by the COE within two weeks of obtaining the photocopy of the answer-script.

The application for revaluation shall be submitted to the COE through the HOD of the concerned department. If there is a difference of more than 25% of maximum marks, the average of the original and re-evaluated marks shall be awarded to the candidate. Fees once paid will not be refunded. Applications which are late and not in the prescribed form and found defective in any respect will not be entertained and will be summarily rejected without notice.

- Result of re-evaluation

Ordinarily this is made known to the student through the office within 2 months. No interim enquiries will be entertained in this regard.

- Name Change of the Candidate during study

A student who is currently enrolled may alter his/ her full, legal name on the permanent academic record by presenting the application along with the necessary supporting documentary evidence to the COE. The change of name may be sanctioned on grounds such as Marriage, Adoption, Divorce, assuming a new name by any person notified by order of the Central/State Govt. No change in his/her name will be made in the past records of the University.

- Error Correction in Name

To correct the spelling or the proper sequence of the name which are not due to data entry errors, the student shall present a copy of his/ her birth certificate/Secondary School Certificate/ other Government record such as Passport. Any errors in the Name of candidates printed in the Marks statement/Certificate/ Hall Ticket may be brought to the notice of COE for correction with appropriate evidence.

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:

University papers are verified by subject experts for mistakes or out of syllabus questions on commencement of examination. There is a computerized question paper sent by the Kerala University of Health Sciences. Orientation and training sessions are held at the institution for 1st BDS students on how to answer their theory paper.

1. Processes integrating IT:

The examination papers of the students are uploaded and digital evaluation is carried out. This allows for rapid announcement of results. To maintain transparency video recordings are made of both theory examination and viva voce conducted. The LMS portal allows for both self-assessment by the student as well as allows formative evaluation by the faculty.

2. Continuous assessment system:

The institution follows continuous and transparent evaluation system, as part of this the ABLE system & the activity marks of each academic year is summated as the internal assessment marks. Two internal examinations, remedial exams and mid-course improvement are carried out for undergraduates. Two internal exams and a model examination is conducted for post -graduate students. Apart from this periodic monthly tests are also conducted for under graduates and post graduates.

3. Competency based assessment:

The second internal examination for UGs and model examination with both internal and external examiners for PGs has practical, viva voce and chair-side discussion components which help us assess the competency of the students. Pre-Clinical skills are tested by assessing the student's work on phantom heads. Clinical skills are assessed by the students' management of patients, clinical case discussions & treatment procedures. Under graduates are also provided with clinical case scenarios to develop their problem solving ability. Post graduates have pedagogy exercises that helps to foster the teaching skills, critical reasoning and clinical problem solving.

4. Work place based assessment:

The clinical and preclinical skills of the students are assessed by the faculties as part of the continuous evaluation system on a daily basis. Students are also evaluated based on their clinical competencies which will be reflected as their clinical/preclinical internal assessment marks

5. Self-assessment:

After completing of the syllabus UG students are given tests which they have to evaluate themselves. The answer keys are provided by the staff during evaluation . This exercise lets them know their shortcomings and motivates them to perform better. Enabled to provide a feedback immediately to motivate and help the students reach their desired competency levels. Ensured similar level of complexity for all students. Enabled to assess the problem solving abilities, skills and factual knowledge better than the traditional method of examination.

Institution emphasise on transparent mechanism for evaluation. hence we practice centralised evaluation system, where the answer scripts are false coded prior to evaluation and decoding is done after evaluation by examination department and provisional mark sheet is prepared, after the distribution of answer book to students through the concerned dept., any concerns raised/grievances are addressed and the final mark sheets are prepared and results are declared. Digital valuation for UG and PG examination is currently practised

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

Other Upload Files	
1	View Document
2	View Document
3	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 university and the college takes the important strides for executing the curriculum in order to achieve the learning outcomes. The information about outcomes are communicated to the understudies and teachers through the website of the college and in the orientation program.

Significant learning outcomes are listed below

- Describe aetiology, pathophysiology, principles of diagnosis and management of common problem within the speciality in adults and children.
- Distinguish social, economic, environmental and emotional determinants in a given case and take them into account for planning treatment.
- Perceive conditions that may be outside the area of speciality and to allude them to a trained professional.
- Update Knowledge by self-study and by attending continuing education courses, conferences and seminars relevant to speciality.
- Take a legitimate clinical history, analyze the patient, perform essential diagnostic procedures and request relevant tests and decipher them to come to an analysis regarding the condition.
- Acquire adequate skills and competence in performing various procedures as required in the speciality.
- Human values, ethical practice and communication abilities
- Adopt ethical principles in all aspects of practice.
- Encourage proficient genuineness and trustworthiness.
- Deliver proper Patient Care, regardless of economic wellbeing, position, or religion of the patient.
- Foster relational abilities, specifically expertise to clarify different choices accessible in management and to acquire an informed consent from the patient.

- Provide leadership and get the best out of team in congenial working atmosphere.
- Apply high upright and moral guidelines while doing human or animal research.
- Be unassuming and acknowledge the impediments in his insight and expertise and to request help from colleagues when needed.
- Respect patient's rights and privileges including patient's right to information and right to seek a second opinion.

GRADUATE ATTRIBUTES:

The Graduate Attributes are defined by the affiliating university and the college finds out different methods to evaluate the students on these attributes according to the guidelines of the university.

Significant Graduate Attributes are listed below:

- Graduate with proper knowledge of clinical and technical aspects of dental surgical procedures, as it is required for general dental practice
- Embrace all oral and dental health care services for the patients of all ages.
- To know the impact of social, behavioural, environmental and economic factors on oral and health care

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: 91.04

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

2020-21	2019-20	2018-19	2017-18	2016-17
138	108	107	98	80

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

2020-21	2019-20	2018-19	2017-18	2016-17
168	128	122	103	87

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, & Knowledge about infection & Cross infection in Dentistry. The course outcomes are course specific and grouped under Knowledge and Understanding, Skills and Attitude. We have identified the POs, PSOs and CO for BDS and MDS programs. We have a regular practice of mapping the teaching learning process and the assessment process with respect to identified Course outcomes and Program specific Outcomes

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 practicals involving patients. The outcome of learning process is derived from the performance in university examinations. Our students scoring high marks in the continuous assessment and university examinations shows the acquired knowledge and skills required for professional career. Thus learning process is aligned to generic learning outcome of the program.

For BDS program, 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 implements the curriculum to fulfill 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 third & 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 & 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 fulfills 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, 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. Research aptitude is achieved through involving in short research projects during their course of study. Also it 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:

A parent teacher meeting is a great opportunity to share academic progress and growth based on classroom, assessments, assignments, etc. It helps to learn from the parents so that the staff can be better informed about student's strengths, needs, behaviors, and learning styles, discuss enrichment or intervention strategies to support student's learning and discuss issues that may be interfering with students leaning & growth. The main objective of the institutional Parent-Teacher meeting is to create a common platform, where teachers and parents come together to discuss student's performance and devise ways to enrich their learning experience. It is an effort to appraise the parent about their ward's progress. In addition, it also facilitates parental participation in student's education, where the parent and teacher intend to co-operate and support the students' learning.

In PMS College of Dental Sciences & research, PTA meeting is conducted periodically for all the students after the first Sessional exams. All parents are intimated about the meeting well in advance from the Principal's office via letters, email, and SMS with the details of student's performance in academics and

attendance. Parents meet the respective subject staff and also mentors for obtaining their ward's progress report for the session. The interaction between each student's parents and faculty is kept individual and private.

Phone conferencing offers a convenient alternative to in-person meetings. Our institutional faculties and mentors conduct informal conference calls with the parents regarding their ward's performance and the methodologies that can be incorporated to foster their learning and academic success. Regular phone conferencing in addition to in person parent teacher meeting will help the parents become more actively involved in their ward's academic progress.

The institution has an active student mentoring system. The mentors have chalked- out responsibilities to take care of all the mentees such as to provide them career counseling, to support them for any kind of difficulty in their curriculum, to make provision for remedial coaching for them and to always support them as & when required. The mentor also explores the hidden talent of the students, in various aspects of academic, co- curricular, extra-curricular & extra mural activities for their holistic development.

The institution addresses the parents about the institutional academic policy, mentoring policy, student centric mode of teaching, the pattern of conduct of examination and the transparency of the institutional continuous evaluation system.

Parents are briefed about the student's clinical/ pre-clinical work completion, academic performance, and progress. Remedial measures to be incorporated for the student's progress are also discussed. While the main focus of parent teacher meeting is to facilitate learning, it's also important to discuss factors that can affect learning, such as student's behavioral & social development, individualized education plans, peer relationships, classroom behavior, motivation & work habits, as well as student's strengths & challenges.

The PTA meetings are organized with an objective to bring the institution and home together for uplifting of students as well as institute by maintaining harmonious relationship between parents and teachers.

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: 3.49

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: 22.81

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

2020-21	2019-20	2018-19	2017-18	2016-17
32	30	31	29	21

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: 15.06

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

2020-21	2019-20	2018-19	2017-18	2016-17
10	45	10	19	12

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: 4

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

2020-21	2019-20	2018-19	2017-18	2016-17
4	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
E-copies of the grant award letters for research projects sponsored by Government, industries and non-government sources such as industries, corporate houses etc	View Document
Any additional information	View Document
Link for Additional Information	View Document

Other Upload Files

1	View Document
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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:

Institution fosters a conducive environment for faculties and students to conduct research, to express

innovative ideas and to implement them into reality. Department for Research and publication coordinates research activities and provides guidance and motivation to students and faculty to conduct quality research and publication. A steering committee comprising of head of departments and individual working committee for research and publication work with an institutional research policy enriches research ecosystem of the campus. These committees assist in preparing research proposal and manuscripts for publication. Furthermore, an advisory panel comprising of experts of international and national repute also provides additional guidance. Institutional review board comprising of scientific review committee as well as institutional ethics committee monitor the scientific merit and ethical conduct of institutional research works. Research department regularly conducts workshops in research methodology, intellectual property rights, research grant writing etc.

Scientific conclaves are organised for UG students under mentorship of faculty members apart from regular post graduate research works to build up research aptitude. Institutional funding is provided for student projects based on recommendation of research committee. Faculty members are provided financial support for attending conferences and workshops based on recommendation by research committee.

Faculty and students are consistently encouraged to submit proposal for research funding from external funding agencies. Guidance regarding notifications of call for proposal from various funding agencies are intimated through research department. Annual appraisal of faculty for involvement in research and publications are a routine practice.

Faculty and students are encouraged to publish in Scopus, Web of Science and Medline indexed journals with high impact factor. Declarations of Best Publication Award every year by Publication Committee enhances the research culture. Institutional journal is regularly published to provide opportunity for faculty and students to showcase their research and clinical work. E-news letters are also a platform to exhibit research activity and achievements.

Institution as Research Centre from Kerala University of Health Sciences and NITTE University Mangalore. Research facilities like immunohistochemistry lab, cell culture lab, BANA test, CBCT are few to mention. Institution carries out research work in collaboration with many prestigious national research institutes like Rajiv Gandhi Centre for Biotechnology, Sree Chitra Tirunal Institute of Medical Science and Technology and Centre for Development of Advanced Computing.

MoU with TIPS-Timed, SCTIMST periodically conducts focused research awareness sessions, webinars, training programs, workshops etc. on intellectual property rights and Technology Transfer aspects to faculty and students from time to time. They facilitate linkages between academia and industry and to support and foster new ventures like start up, spin off etc. as a whole improving the research ecosystem for students and faculties.

Institution is a part of Young innovators program of the Kerala Development & Innovation strategic council to promote a culture of innovation among the youth of Kerala. 34 students have registered for the program this year with faculty as mentors and facilitators.

Institution has signed 19 MOUs, with 3 international and 16 national institutes. 14 research collaborations with various organizations are in place focusing creation and transfer of knowledge.

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: 61

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

2020-21	2019-20	2018-19	2017-18	2016-17
8	17	13	15	8

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: 4.68

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: 145

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

Response: 31

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: 1.32

File Description	Document
Institutional data in prescribed forma	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: 0.02

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: 545

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.

2020-21	2019-20	2018-19	2017-18	2016-17
9	110	160	171	95

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
Any additional informatio	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: 35.09

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

2020-21	2019-20	2018-19	2017-18	2016-17
67	358	306	233	234

File Description	Document
Institutional data in prescribed forma	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
Any additional information	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:**

PMS College of Dental Science and Research always had a vision for social commitment. The extension and outreach activities organized by the institution has always aimed at providing valuable services to the society, many of them have been recognized by government and other organizations.

- Our chairman Dr PS Thaha received **Gothrabandhu Award** for the best dental service in tribal area, continuous oral health services provided in the Kottoor tribal area and for the donation of study materials for the tribal students,tribal area, Kottoor on 16/01/2019 and it was presented by honourable MLA Mr. Shabarinath
- Government of Kerala recognized our institution for donating Rs 10 lakhs to Chief Minister's Relief Fund on 31/08/2018 and Rs 5 lakhs to Chief Minister's Relief Fund for Flood in Trivandrum on 29/12/2017
- Government of Kerala recognized our institution for donating Rs 50,000 to Chief Minister's Distress Relief Fund on 12/09/2018
- Government Model HSS for Girls, Pattom, Trivandrum recognized our chairman Dr PS Thaha with **Recognition Award** for charity and social activities for providing financial assistance to a student suffering from a rare disease and facing liquidation of her property on 23/08/2018
- Our chairman Dr PS Thaha received **Dental Excellence Award** from Indian Dental Association for the excellent services provided in the field of dentistry on 06/03/2019
- Many organizations like Swathy Kalashethram on 18/05/2018, MCK Foundation on 13/11/2021, Magalir Microcapital, Kilimanoor on 29/02/2020, Magalir Microcapital Shangumugham Branch on 08/02/2020, Christhujyothi Public School on 06/03/2020 etc recognized our oral health awareness and free dental camp with **Recognition Awards**
- Government of Kerala appreciated our students who paid respect to Smt K K Shylaja, Health Minister of Kerala on 07/03/2020
- Swasthi Foundation recognized our efforts for voluntary and free services in the conduct of campaign Snehathalam for oral cancer detection and awareness during 2019-2020
- Parent Teacher's Association, Govt School for Blind recognized our institution for conducting free dental camp for Visually Impaired on International Day of Persons with Disability on 03/12/2019
- Government of Kerala appreciated our institution for donating 1 lakh free face mask for police forces who are actively involved in covid prevention activities on 03/07/2020
- Government of Assam recognized our institution on 16/09/2020 for donating Rs 49,999 to Chief Minister's Relief Fund, Government of Assam
- Government of Kerala appreciated our institution for donating 40 ICU beds to Trivandrum Medical College during covid pandemic on 04/11/2021
- Our institution got recognition from Indian Association for the Blind for the outstanding excellence and amazing commitment towards voluntary contribution for the empowerment of persons with visual challenges during the year 2016
- Zila Sainik Welfare office recognized our institution for contribution to Armed Forces Flag Day Fund

We received appreciation letters from many institutions and organizations like Geethanjali Tribal Library, Dwani Charitable Society, Shanthigiri Ashram, LIC Vithura, Federation of Residence Association Trivandrum (FRAT), Dale View Transgender Suraksha Project, Govt HSS Venjaramoodu etc. for conducting oral health awareness and free dental camp. We also received recognition for donating study

materials to financially backward students like St Rita's UP School, PSNM Govt HS etc.

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:

Social commitment is an integral part of the vision of PMS College of Dental Sciences and Research. The college organizes and participates in various extension activities with a dual objective of sensitizing the students about various social issues and to contribute to community.

Various Departments organized many extension and outreach programs through organizations like National Service Scheme. Faculty and students actively participated in television programs and Radio talk shows to create oral health awareness and discuss related social issues. There were 545 extension and outreach activities conducted by our college during the year 2016-2021.

Days of social relevance like World Hepatitis Day, World Aids Day, international Women's Day, Dentist Day, World Environment Day, Teachers' Day, International Day of Persons with Disabilities, No tobacco day, International day for elderly, National tooth brushing day etc were celebrated in the institution. A Green Audit was conducted on 23/12/2020 by Nature's Green Guardian Foundation. Snehatalam is a prestigious outreach program for cancer screening conducted by Swasthy foundation in association with our institution and Regional Cancer Centre. Breast cancer awareness month with screening programme was conducted.

We have a tobacco cessation clinic in the college with Indian Dental Association accreditation and many tobacco cessation programmes were organized for creating awareness. We have a satellite clinic and also a holiday clinic which works on all holidays. There is KSRTC bus Service and also free transportation by college bus for the patients. We had a collaboration with Pallium India. College has organized many school and community dental camps and awareness programmes. Dental camps for marginalized sections of society such as tribals, coastal areas, old age homes, psychosocial rehabilitation centers, orphanages, institute for mentally challenged, visually impaired, migrant workers and transgenders, are just a few of the other extension activities. Blood donation forum of the college organized blood donation camps where students and staff actively participate.

The management, faculty and students responded to natural disasters and other issues by generously contributing to relief fund. The college donated Rs 10 Lakhs to Chief Minister's Relief Fund on

20/8/2018, Rs 5 Lakhs to Chief Minister's disaster fund on 29/12/2017, 40 ICU beds to Trivandrum Medical College during Covid Pandemic 3/10/2021, I Lakh Free Face Mask For Police on 2/7/2020, provided financial assistance to a student suffering from a rare disease and facing liquidation of her property on 23/8/2018, Rs 50,000 to Chief Minister's Distress Relief Fund on 12/9/2018, Rs 49,999 to Chief Ministers Relief Fund on 24/07/2020, Government of Assam, contributed to various funds like Armed Forces Flag Day Fund, Kerala State Child Welfare stamps fund, sponsoring of the education of underprivileged students from the local schools and also provided study materials to children of staffs of our college.

The College strives to instill social values in the young minds of students through extension and outreach activities thereby grooming them into socially responsible citizens for their holistic development and integrated learning. They learn to think beyond their individual interests and apply the theoretical knowledge for the benefit of the society.

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: 47.8

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

2020-21	2019-20	2018-19	2017-18	2016-17
81	41	46	30	41

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: 19

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: 19

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 infrastructural facilities for teaching learning is available for training undergraduates and post graduate students are in accordance with the guidelines of representatives bodies, nevertheless the authorities takes all possible efforts to create learner centric atmosphere in the campus.

Theoretical teaching, clinical teaching and community teaching are the prime components of our teaching learning system, but never compromising the value-based education. The campus is WIFI enabled which supports ICT enabled and technology incorporation in the teaching learning process. 3 conventional lecture halls and 7 classroom integrated labs (CLABS) equipped with LCD projectors, LAN facilities, interactive boards, 9 seminar halls, a teleconferencing room and a media room are our highlights. CLABS are connected with Apple TV ecosystem so that teachers and students can effectively use I-Pads for ICT enabled teaching learning.

The facility of inpatient service with two bedded ICU with ventilator support and Medical OP with 20 bedded general ward facilitates the career-oriented training facility. Students are exposed to advanced dental digital radiographic facilities like radio-vision-graphs and Phosphor storage plates, OPG, CBCT, with proper training. The array of advanced equipment, phase contrast microscope, pent head microscopes, fluorescent microscope, operating microscopes, conscious sedation units for pediatric patients. Hard and soft tissue laser units, Platelet centrifugation units, Implant dispensers, Smart denture grinder, Piezoelectric surgical devices are available for student training. Various collaborations and tie-ups are established for clinical training with reputed state level institutions like RCC, Sree Gokulam Medical College, and SUT Medical College, St John's Health Services, CRMAS and national institutes such as RGCB & SCTIMST. Students can also utilize the satellite clinic facility for better clinical exposure.

Pre-clinical labs and general labs equipped with patient stimulators, phantom heads, manikins, cadavers, ATC, IHC facilities, ceramic and acrylic labs, casting laboratories imparts facility for fabrication of crowns, bridges, and other dental prosthesis.

The comprehensive clinics system enables the clinical learning with 5 separate comprehensive clinics providing a one stop treatment care facility for the patients as well as the exposure to all the routine clinical procedures to the students This system enables the student to formulate a comprehensive treatment plan from third year it self . Institution has installed 345 electronic dental chairs connected to centralized suction units. Moreover, the special health care needs clinic, esthetic clinic, geriatric clinic, advanced dental science department, TCC, Medical OP provides over and beyond stipulated training facilities. The institution constantly takes effort to enhance the student exposure to other learning resources by arranging visits to research institutes, dental lab visits, herbal garden, animal houses which will ignite the process of constant and out of the box learning.

Community learning imbibes the social responsibility in an emerging dental graduate. A well-equipped and high tech mobile dental van and portable dental unit facilitates students' participation in community

based activities. The college takes the pride of conducting more than 850 community camps in last 5 years, which shows ample student exposure and training in community health care and awareness programs.

File Description	Document
Link for any other relevant information	View 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

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 College has sparkling campus with ample space for outdoor and indoor games. The outdoor games facilities include a cricket ground with net facility for practicing football, volley ball, throw ball and badminton courts exists in the campus. Indoor games facilities for carroms, chess and table tennis are available for the students and staffs. Qualified Physical Educator coordinates the sports and games events. The institution organizes events of inter college and inter university sports met to bring about overall developments of the students. The students are constantly encouraged to participate in inter university and state level athletic events and also provides the necessary facilities in terms of attendances, classes, transportation etc.

Students are encouraged for participation in various track and field events and training and practice facilities are arranged at standardly recognized stadiums outside the campus hired on day basis.

Fully equipped gymnasium established in the year 2009 of 903.90 sq.ft are in place in both mens' and women's hostel. Gymnasium is equipped with fully advanced twister, treadmill, front pulley, abdominal board and bench press. A qualified physical trainer is also available to guide and train the students in enhancing their fitness levels.

A swimming pool of 503.36 sq.ft was established in the year 2019 and can accommodate upto 30 persons at a time.

Yoga hall established in the year 2019 with an area of 1920.93 sq.ft and a seating capacity of 15-30 per session.

The institution have adequate infrastructure facilities to conduct cultural activities and programs. Two auditoriums exists to host the cultural activities and other academic related conferences. An air conditioned ICT enabled mini auditorium with a built up area of 1119 sq.ft with a seating capacity of 105

people is used for conducting official meetings and gatherings was established in 2005. The Dr.R.Ahmed Central Auditorium with a built up area of 5562.92 sq.ft has a seating capacity of 650 people also is equipped with ICT and audio visual facilities. The cultural fests, college day celebration, festival celebrations, convocation ceremonies, induction ceremonies, workshops etc. are conducted in this auditorium. The sports and cultural activities are coordinated by Associate Dean (Student Affairs) and other faculties as staff advisors.

A cultural room (365.84 sq.ft) for conducting various club meetings and a media room of 376.6 sq.ft for program recordings and music club activities are in place.

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

The Cultural Club also arranges film shows in the campus on the 4th Friday of every month. The evening cafeteria with FM radio played provides recreational ambiance for students.

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:

Adequate general campus facility is established in the campus for holistic development of students. The lush green campus of 11.5 acres with a built up area of 3 lakhs square feet is beautified with palm trees and natural scenic beauty. Main block building lodges academic and clinical facilities. Staff quarters block with 11 quarters provides residential facilities for staffs. The four hostel buildings including UG & PG provides 512 inmates capacity with well-furnished single, double & triple bed with bath attached rooms are available.

Medical OPD with 6 beds and clinical laboratory, dental digital radiography with both intra oral and extra oral techniques like IOPA, OPG & CBCT facilities are available.

Special health care clinic, holiday clinic, geriatric clinic, Tobacco Cessation Clinic, Esthetic Clinic and Priority clinic are highlights of the institution. Student Support Guidance and Progression room, Public Relations office, media room, ICU facility with 2 beds, emergency medical facilities with pharmacy are available for both patients and students. Baby care, feeding room, children play area are additional facilities.

Institution renders facilities for physically challenged individuals such as ramps, wheel chairs, accessible toilets, elevators and display boards. Transgender wash rooms are available in campus.

Fully equipped mobile dental van, ambulance & 2 college buses are available for free transportation. State transport service from campus to city is also available. Vehicles are available for general purpose transportation.

College has comfortable baby crèche with an area of 1023.49 sq.ft and well trained care takers. Institution also lodges feeding room for patients, counselling services for both students and staffs. Institution has two canteens with seating capacity of 50 persons.

A student's store and a central store are available for procuring dental materials and stationaries. As an alternate source of energy, LED bulbs are installed in every floor. The college has 200KVA and 63 KVA power generator to provide full power backup to whole campus. We have ample parking with good roads and signage boards all over the campus. Two specific parking area is available for staffs and students. Transport facility is available for staffs, students and for the patients to the nearest station.

Solid waste is collected as per standard protocol and segregated into biodegradable and non-biodegradable waste. We have two incinerators in college. Biodegradable waste is treated in the compost plant and the compost produced is utilized for maintaining green vegetation in the campus. The institution has a tie up with IMAGE for disposal of biomedical waste. The non-biodegradable waste is collected by the local Panchayat for safe disposal. Liquid waste generated from college and hostels is treated in sewage treatment plants with output of 1 lakh litres/day. The treated water is reused for gardening and sanitary purposes. The campus is safe and secured under 24 hours with security guards and CCTV surveillance, centralized fire safety system duly approved by Fire Department. Natural water bodies and water tanks are maintained to meet the water requirement of campus. Water filtering unit of 12000 liter/hour capacity provides clean and centralize potable drinking water.

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

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

Response: 20.88

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

2020-21	2019-20	2018-19	2017-18	2016-17
81.21	230.83	143.03	196.2	254.33

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
Any additional information	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:

The infrastructural facilities available for training undergraduate and postgraduate students are in accordance with the regulations formulated by the DCI and KUHS. Our clinics are equipped with leading edge diagnostic and therapeutic services and are giving efficient services to community. The College is keen to provide an excellent academic environment for both undergraduate and postgraduate students with more than 100 highly competent teaching faculties.

The teaching and learning facilities include well equipped ICT enabled classrooms and CLAB system which provide contemporary facilities to enhance multiple interaction modes with students. Out Patient Department services with adequate patients for clinical learning are available in all specialities. Our college is equipped with 331 electronic chairs connected to a centralized suction unit. Out patient services are available daily from 8:00am to 4:00pm at most affordable rates for all patients and special concessions for patients below poverty line. Students posted in OPD get excellent exposure of patient management under the guidance of highly qualified, committed and competent faculties. The dental hospital provides inpatient services with a fully equipped operation theatre to perform major and minor surgeries under GA, 2 bedded ICU with a ventilator support and a 20 bedded general ward with separate male and female wings.

Institution is equipped with 25 laboratories including preclinical and clinical laboratories to train undergraduate and postgraduate students. Specialized laboratory facilities include acrylic and ceramic laboratories with the cutting-edge equipments, ceramic furnace and ceramic kit. To improve the research activities our institution has stem cell culture facilities, the most advanced research microscope with polarization and photomicrography attachments, multiheaded (penta headed) microscope, stereo microscope and immuno-histochemistry facilities. Clinical laboratory services are provided for the patients at nominal costs to carryout hematological investigations as an aid in diagnosis are the hall mark of the

institution.

For community based learning the department of public health dentistry organize various screening and treatment camps as well as educational talks in different public health and social institutes. A mobile dental van with fully equipped dental chair is available for the outreach community, to improve accessibility to quality dental healthcare. Post graduate students undergo peripheral posting in various hospitals and undergraduate students are posted in 2 satellite clinics to cater the needs of the surrounding rural population. To enhance research skill of postgraduate students they are also posted in state of the art research laboratories.

Our speciality clinics are complimented with digital radiographic facilities like Radiovisiographs (RVG's) and Vistascan image plate scanner. The department of oral medicine and radiology is equipped with dental Cone beam computed tomography (CBCT) to provide advanced diagnosis. The array of advanced equipments include 1 dental operating microscope and magnifying loops to perform advanced surgical and restorative procedures. Our Advanced Surgical Department is equipped with 2 soft tissue laser units, 1 hard tissue laser unit, 1 Platelet rich plasma (PRP) centrifugation unit, 6 implant surgical kits along with physio-dispenser, piezoelectric surgical devices, and sinus lift instruments.

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: 220069.6

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

2020-21	2019-20	2018-19	2017-18	2016-17
128993	207120	258529	232338	265950

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

2020-21	2019-20	2018-19	2017-18	2016-17
1186	686	3417	1920	209

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
Any additional information	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: 169

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.

2020-21	2019-20	2018-19	2017-18	2016-17
138	164	110	106	129

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.

2020-21	2019-20	2018-19	2017-18	2016-17
50	50	44	30	24

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
Any additional information	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: B. Any three 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:

Dr.APJ Abdul Kalam Central Library is a two storied main library of the college housed in the main building with an area of 15,827 sq.ft. and satisfies all the statutory regulations.

The library is fully automated using windows based library management software LIBMAS since 2007. The integrated library management system (ILMS) increase the efficiency of our library, improves it

patron's access to resources and provides a fully automation in library system. It enables ease in catalogue, circulation and track the items, to interact with data and manage patron activity.

The ILMS software has a cataloguing module which allows the librarian to add or delete items such as books, CDs etc. to its database. The circulation module of the software helps to automate circulation such as issue, return and reserve and keep a digital track of the locations and status of the library's resources. The software also has provision for addition, deletion and management of library patrons activity. The software provides improved user friendly web-based Open Public Access Catalogue (OPAC) 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. Easing out import / export of data and quick report generation different formation of other salient features of the softwares. Software also provides a powerful search tool with extensive drill down options, allowing the stakeholders to filter the search results by author, item type, publisher etc. The institutional LMS is linked with the library management system providing access to all the students regarding all the learning resource materials. The library committee along with the IT division head overlooks the functionality updation of all the features and aspects of ILMS.

Additionally 10 departmental library also exists in the campus and is linked with the Central Library. This enables additional reading and learning resource facilities for PG students and faculties inside the department. The e-learning library resources such as CDs, e-books, data in hard disks, pen drives etc. are also available in the department library.

e-library resources such as EBSCO host and DELNET are available as online reference platforms. These are also linked with the institutional LMS through which students can access the journals and books and view the books availability.

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 PMS College of Dental Sciences & Research is equipped with 4787 books (1345 titles), 36 international journals, 16 national journals & back volumes of 58 journals. Central Library maintains a Question Bank for undergraduate and postgraduate students in the form of BDS and MDS professional 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 2 general dictionaries & 40 medical/dental dictionaries .library has a subscription to 2 English and 3 regional newspapers. The library also has a huge repository of 1253 novels & 170 storybooks for light reading. A separate section is there for archiving the copies of thesis & library dissertations done by post-graduate

students. The library is well equipped with modern facilities such as access to the internet, e-Learning, and web resources including online journals. We have access to 459 Electronic journals. The EBSCO & DELNET database gives both remote and on-campus access to e-books & e-journals. These can be accessed by faculty & PG students through the institutional login, the subscriptions of which are renewed annually. There is a constant effort from the library advisory committee and management to procure digital and hard copies of books and journals. The library budget ensures that the latest editions of books and journals are continuously made available for reference. At present, a sufficient quantity of books is available in different titles for all specialties. The circulation of books & journals is monitored by the chief librarian with the aid of a library assistant.

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: E. Any one 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: 25.17

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)

2020-21	2019-20	2018-19	2017-18	2016-17
21.65	21.35	30.42	30.38	22.05

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
Any additional information	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 substantial source of learning. We, at PMS, insist the students and teachers inculcate the habit of spending quality time in the library & upgrade themselves to contemporary trends in dentistry. 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 faculty members and students have in-person access to audiovisual resources, back volumes of journals, current journals, library dissertations, magazines, newspapers, previous question papers, textbooks, and theses. Facilities for downloading e-content, making photocopies, taking printouts, and scanning documents are also available in the library. A new arrival section in the library which is refreshed once every month is a cynosure. In-person access to library facilities & resources is monitored through biometrics (faculty and PG students) and movement registers. The EBSCO & DELNET database gives both remote and on-campus access to e-books & e-journals. These can be accessed by faculty & PG students through the institutional login, the subscriptions of which are renewed annually.

A library orientation program is being organized at the beginning of every academic year for the first-year BDS and MDS students to acclimatize them to the facilities, resources, and services in the library. The students are given a library tour in groups by the chief librarian showing access to book, dissertation, journal, magazine & newspaper sections. The library facilities like reprography and audio-visual rooms are demonstrated. The rules and regulations including monitoring through biometric punch & movement registers are illustrated. Demonstration on accessing the digital databases (DELNET & EBSCO) and literature search is also provided. The newly recruited faculty members are also oriented along with the corresponding program for students

Apart from the central library, there are 10 departmental libraries. The central library has direct access to the department libraries in terms of book archives list, procurement, and indexing of new titles. The department libraries provide immediate access to learning resources and reference materials to the faculties, students. The department libraries also follow the guidelines and rules framed in the library policy. One faculty member of the department serves as the custodian of the department library. One post-graduate student of the department will be allotted the duty to help the faculty in the functioning of the department library.

File Description	Document
Link for details of library usage by teachers and students	View Document
Link for details of learner sessions / Library user programmes organized	View Document
Link for any other relevant information	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 Three 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: 100

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

Response: 19

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

Response: 19

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
Any additional information	View Document
Links to additional information	View Document

Other Upload Files	
1	View Document

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

Response:

The dedicated PMS IT department has ensured that the technologies used in this institution are revolutionary and state of the art. The IT infrastructure and resources are updated and upgraded continuously as per the requirements and changing technology. All the computers of the institute are connected with LAN with 75 MBPS leased line. The institute was having leased line of 40MBPS in 2003. Later it was upgraded to 75 MBPS in 2018 .The institute is having Wi-Fi facility in eight lecture halls. The classrooms and seminar halls are equipped with all the required ICTfacilities. The website is managed by the software partner Preigo Fover Technologies and the website has been upgraded with LMS tab.

The internet access is available in classrooms and seminar halls. IT team is continuously upgrading the facilities through market research so that the best of the facilities should be provided to the students and staff to make the learning more effective and relevant. As part of digital progression in PMS 210 ipads are provided for 1st and 2nd year BDS students to make learning easier as well as convenient through the entire course duration .Wireless network with CAT 6 cables have been laid out for 30+ Access Points with WPA2 encryption using AES algorithm. We ensure students get optimum Wi-Fi coverage at all areas of the class room. The institution owned LMS is one of the highlights of our software innovation and integration. Each student, parents and faculty is 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, instructions and deadlines. 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, linking assignments, generic feedback and utility tools were added to the LMS. To provide a highly secure campus 128 CCTV with 10 monitors with backup servers are installed in this institution .Our college has a well equipped media room to create e-content of their lecture class which enable the students to access the lecture content at any time of their convenience.

Advanced Software's are

IVMS software using for centralized CCTV monitoring, LIBMAS 2.1 ver. fully automated software using for library management, Info trades ERP software is using for store and Pharmacy management, Tally ERP 9 is using for accounts management, ESSL time track lite is using for Attendance management system, Will master & On demand software is using for CBCT machine, Durr software is using for Vista scan x-ray interpretation & MOODLE, BONE BOX & 3D Medical Anatomy software's is using for academic purpose.

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

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

Response: 50 MBPS-250 MBPS

File Description	Document
Institutional data in prescribed format	View Document
Details of available bandwidth of internet connection in the Institution	View Document
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	View Document
Any other relevant information	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: 70.93

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)

2020-21	2019-20	2018-19	2017-18	2016-17
472.45	931.96	531.71	616.14	564.32

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
Any additional information	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:

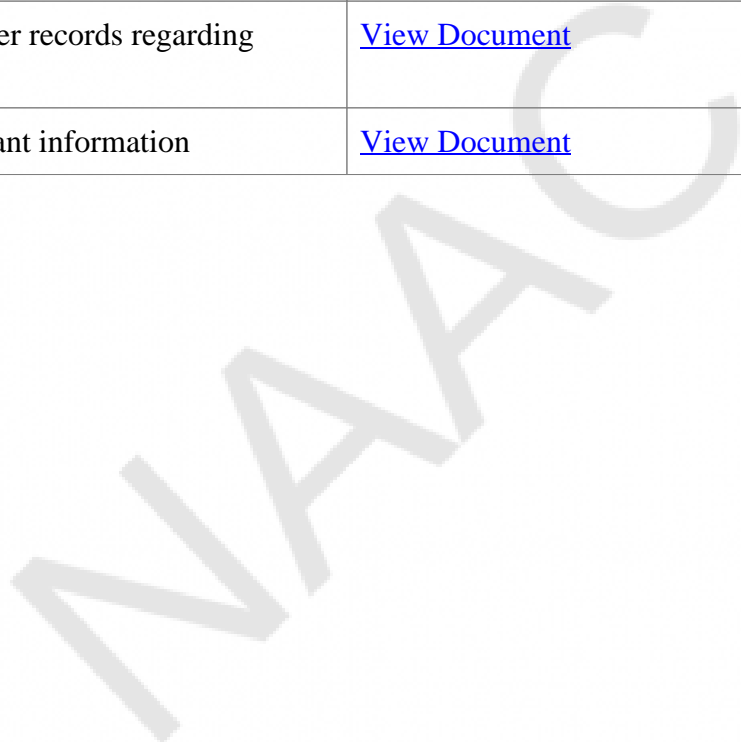
PMS Dental College has a separate engineering and maintenance department which is in-charge of maintaining the college campus. Institution has civil, electrical, plumbing, computers, and dental equipment maintenance and sports facility sections with trained personnel. Administrative officer monitors over all functioning of all the sections. All these departments have qualified technical staff who work according to the standard operating procedure (SOP) and report to the Principal. Maintenance registers are placed in all departments and other major areas such as hostel, gym etc. The supervisors will be checking the registers regularly and allotting the rectification jobs to the concerned technicians. The financial administration makes the budget allotment based on the requirements.

ICT facilities in all the departments, classrooms, seminar halls, laboratories and libraries such as computers, printers and scanners are periodically checked and maintained by the technical staffs in IT department. The electrical fittings and the furniture in the classrooms are always kept under working condition and the technical staffs attend repair works immediately. Daily cleaning of classrooms are done by housekeeping department. The college equipment's are checked on a daily basis and the maintenance department attends to the day-to-day complaints. There exists a team of dental chair technicians from the maintenance department who routinely visit all the departments for scrutinizing the smooth functioning of dental chairs, central and chair-side accessories. In case the equipment becomes unserviceable within its service warranty period, it is returned to the suppliers for calibration service or replacement. AMCs are renewed periodically and are mandatory.

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. A fulltime plumber, electrician, carpenter, mason, artist are available in the college for carrying out plumbing works. The college has got a water purification plant which is attached to each water cooler to provide safe drinking water for staff and students. These are cleaned and maintained regularly. Many of the major equipment's like CBCT, generator set, central compressor units, UPS, desktops, photocopier machines, air conditioners, CCTV and are under annual maintenance contract. Stock verification is done at regular (6 months) intervals. Any new structure is added or built by the civil department as per the decisions made in the IQAC, based on the requirement received from concerned

Head of Department and In -charges. 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: 7.51

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)

2020-21	2019-20	2018-19	2017-18	2016-17
40	103	84	31	3

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
Any additional information	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: B. Any five 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

Other Upload Files

1

[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: 1.79

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

2020-21	2019-20	2018-19	2017-18	2016-17
9	11	18	19	4

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
Any additional information	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:

Our institution has formulated a tie up/facility for student exchange program with Rutgers school of Dentistry, USA in 2018. But we do not have an active International students cell facilitating reverse brain drain. But still in order to provide international arena for our students and faculty and to provide them an international exposure in the field of Dentistry. We have signed MOU with different international university like Rutgers School of dentistry and Swiss international Academy which has focussed on student exchange program thus scope of mou also extend towards resource exchange in the form of resource person. Mentoring and advisory facilities are also provided from these institution in order to enhance an international exposure to our students.

File Description	Document
Any additional information	View Document
Link for international student cell	View Document
Link for Any other relevant information	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: All 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: 16.06

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 ..

2020-21	2019-20	2018-19	2017-18	2016-17
9	11	18	19	4

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**

2020-21	2019-20	2018-19	2017-18	2016-17
74	86	79	70	74

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: 53.05

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

2020-21	2019-20	2018-19	2017-18	2016-17
51	58	59	55	57

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: 9.09

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
Any proof of admission to higher education	View Document
Any additional information	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: 8

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 .

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	5	3	0

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

Other Upload Files	
1	View Document
2	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:

The needs of each dental college in each state in India with both Undergraduate and Post graduate courses may be part of the student council and how it is run. Student councils usually have a handbook that outlines each section of the council's responsibilities. For example, the handbook may explain how elections will work, which positions will be elected, and how often the council meets. The handbook should also outline the specific errands of the body and the council's advisors (administrators or teachers). In short, the handbook is the guide for all aspects of the procedure of the student council. The handbook should be revised yearly to certify it replicates variations and up-to-date policies.

DUTIES AND RESPONSIBILITIES

1. To epitomize the voice of undergraduates postgraduate students in the college
2. To Instil belief on substance of apprehension
3. To nurture unity and spirit among the students
4. To Communicate message and establish strong relations between students and administration
5. To work within the framework of the rules and regulations of the college
6. To give opportunities for student experience in Leadership
7. To engage students in learning about democracy and leadership
8. To helps share ideas, interests, and concerns with Teachers
9. To planning events that contribute to professional college spirit and community welfare
10. To learn about the democratic process, civic responsibility, leadership, problem solving, and teamwork.
11. To assist Public health Dentistry with events for the local community such as blood donation camps
12. To maintain a record of students and staff belonging to rare blood groups
13. To increase networking and communication among students
14. To do self evaluation for self improvement

MEMBERS

1 Advisers - The only positions held by faculty in the student council are as advisers

2 President. Councils usually have a president who is elected by the Academic committee of the college

3 Vice President

4 Secretary

5 Treasurer

6 Arts Club Secretary

7.Sports Secretary

8.Alumni Coordinator

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

Other Upload Files	
1	View Document
2	View Document

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

Response: 2

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	2	3	3	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
Any additional information	View Document
Link for Additional Information	View Document

Other Upload Files	
1	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:

PMS College of Dental Science and Research Alumni Association is a registered body conceptualised under the leadership of the chief patron Dr. P. S Thaha during the year 2002 and officially registered on 7th September 2021 under the Travancore-Cochin Literary, Scientific, and Charitable Societies Registration Act. Membership is open to all BDS, MDS, Ph.D., Diploma, and certificate course students who have completed courses from our esteemed institution.

The Alumni association serves as a bridge between alumni, students, and management of the college. This alliance would serve as a platform for alumni to stay connected with the events and new happenings in their alma mater. It is to keep alive memories that are cherished and ensure connections that are nourished for a lifetime. Besides, it is a forum for discussion that is instrumental in academic exploration by way of queries by juniors for guidance and advice by the seniors from their experience. The strong alumnus committee has been supporting the activities of the college, including community service programs, and has always been helping the institution by sharing its rich experience and providing timely feedback. It is all about enterprise, inspiration, mentoring, and even corrective action.

The Alumni Associations contribute to the growth and development of PMS College of Dental Science & Research by rendering various support systems which are listed below:

Donating books to the Institution Library: Many graduating students donate books to the institution library through their Alumni Association. This custom is a gesture to build the library facilities as well as to help the current students.

Placement Opportunities for fresh graduates: Many senior alumni of PMSDC occupy offices of high posts in various institutions. They regularly pass on information regarding various placement opportunities for the fresh graduates through the placement officer of the institution.

Career guidance program: Many alumni of PMSDC have trodden a path that is least chosen and in the process have gained rich experience. They provide guidance to the current students of PMSDC to enhance their career opportunities. Sessions on cracking the NEET exam, method of preparation for competitive exams, off-shore career opportunities, and exploring newer career opportunities following graduation are regularly conducted with the support of the alumni association.

Reaching out to society: The alumni conduct free health camps regularly for the poor and needy as a part of the Annual Alumni Meet Program. The prescribed medications are also distributed as part of this program.

Sponsoring Cultural and Sports Events: It is a tradition at PMSDC for the Alumni association to support the Annual Intra College Cultural and Sports events by sponsoring the medals and trophies for these events

File Description	Document
Any additional information	View Document
Link for details of Alumni Association activities	View Document
Link for Additional Information	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: E. Any one 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

NAAC

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:

PMS College of dental science and research is approved by DCI for dental education and affiliated to Kerala University of Health Science. This institution was established in the year 2002 with the prime objective of creating 'global dentists' for which the institution has well framed vision and mission aligned with the mandates by the University and Dental Council of India.

Vission

To be an outstanding Dental & Research Institute of International repute for producing dental professionals with skills, knowledge and values

Mission

- Promote sustainable development of Dental and allied Health Education, consistent with statutory and regulatory requirements.
- Plan and continuously provide excellent infrastructure, learning resources required for quality education and innovations.
- Stimulate, to extend the frontiers of knowledge, through Faculty Development and Continuing Education Programs.
- Impart awareness on Dental Science and Oral Health to the society with special reference to Educational Institutions.
- Make research a significant activity involving Staff, Students and Society.
- Promote collaborations with Regional, National and International Institutions
- Establish healthy and regular interactions with all stakeholders for vision oriented growth.
- Fulfill the National Obligation through participation and contribution to National Health Programs.
- Provide regular value based education to the students.

Fundamental decisions are approved by the apex body and implementation process is discussed with various committees for the proper execution. Institution has various committees for planning and deployment of these decisions and to excel towards achieving the vision of the institution. College has 9 dental departments and basic science departments, each guided by a head of the department. Requirements of the departments are reported to the respective HODs, which are then presented to the concerned committee and principal for evaluation and approval. The Department of advanced Dental Sciences, Research Department and Education Technology Departments are our unique features for promoting excellence. Principal who is the head of academic committee aided by associate dean of academics monitor the academic activities ensuring quality education and adequate clinical exposure satisfying the needs of

students. The institution has introduced a new system of blended education, the integrated micro lecture-learning system and classroom integrated lab (CLAB). This unique blended learning method aim to enhance the cognitive skills and retention ability of students. Institution has kept the pace with the cutting edge knowledge in the field of dentistry by forming department of Advanced Dental Sciences. Owing to social commitment, institution is providing cost effective treatments, which are ultimately benefitted by the patients. Institution has also participated in various assessments by prestigious agencies like AISHE, NIRF, SWAYAM and YOUNG INDIA

Successful outcome in many domains is achieved by increased level of autonomic and democratic approach. Participative management has led to a positive outcome in various levels. Democratic approach is established in the decision-making affairs implementing participative management. All stakeholders have participative and policy making roles in various committees in academic, finance and research levels. External stakeholders are also included in committees like PTA, ethical committee, antirragging committee etc.

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:

Institution has a successful and a transparent management in administrative and academic level. This system has efficiently divided responsibilities from high level to low level management. Chairman guides both the administrative and academic wing and approves all the vital decisions concerned with infrastructure, human resource management and other allied strata of the institution. Principal who is the head of the academic directors is aided by Director and Assistant director PG and UG studies, Research Director and Director for international affairs and the IQAC. The Associate Deans of Academics, Clinics, Faculty and Student affairs facilitates the proper functioning of academics and clinics. Comprehensive clinic system under Associate Dean Clinics amalgamates all dental specialties under one roof thus providing better patient care facility and also is coordinated by a clinic in-charge. Instead of compartmentalization, student can successfully integrate his/her clinical skills in different aspects of dentistry on patients. All the departments of the institution are headed by HODs assisted by Professors, Readers, Senior lecturers and Lecturers. Each department has PG and UG co-coordinators and Subject-in charges to look after the academic activities and is monitored by HODs. The Director for International affairs and Dental Education Technology Departments play a key role in enhancing student interest and capabilities.

A diligent administrative set up comprising of Administrator, HR manager and IQAC coordinator guarantees uninterrupted day to day activities of the college without any glitches. The departments of finance management, human resource management, public relation management, engineering, facility, maintenance and purchase are working closely with the administrative team for the smooth functioning and academic excellence of the institution. Seamless integration of different layer of management has ultimately lead to improve overall quality of institution benefitting faculty, students and patients

Effective strategies are deployed by Academic Directors, College Council, IQAC, and Academic committee. The successful implementation is effected by Academic Improvement Committee, Examination Committee, Anti Ragging Committee, Anti Ragging Squads, Infection Control, and Library Committee. Research Department is decentralized comprising of the Research Director and the Sub committees such as Internal Research Steering committee, Working Committee for Research Grants, Working Committee for Research Publications, Scientific Review Committee and Ethical Committee.

Admission Committee, Finance committee, IT committee, Hostel Committee, Maintenance Committee, Covid Jagratha Samithi, Student Grievance Cell, Cultural Club, Journal Committee, Dental Education Technology Department, Anti Narcotic Cell, Anti Sexual Harassment Cell, Anti Discrimination Cell are all part of Participatory management and contribute to the good governance implemented in the institution. The student representative, parent representative and alumni representative are an important component in most of committees. The involvement of industry experts and professionals in various committees provide an advisory platform for various planning and deployment process.

File Description	Document
Any additional information	View 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:

The Strategic Plan of the college for the period 2016-22 comprises of the following dimensions.

1. Ranking and Accreditation
2. Internationalization
3. Student In-take
4. Student Participation and Accolades
5. Faculty Augmentation and Intellectual Output
6. Seeking Research grants

The college aspires to be a citadel of dental education. In order to achieve this, the performance of the

college has to be assessed, rated and accredited by government agencies like NAAC, AISHE , NIRF etc. The college constantly subjects itself to be ranked by NIRF and NAAC. Similarly propose to subject itself for annual quality assessment by submitting AQAR for NAAC the college submits itself for assessment and accreditation by NAAC. Having secured 'B' grade in the first cycle, the college goes for the second cycle with the determination of getting a superior grade in 2022.

The college is never tired of motivating the students to participate in various competitions in academic, cultural and sports at the national level. Faculty are encouraged to increase their intellectual output through research.

All the above have been stated in our Strategic Plan for the period 2016-22.

The institution has well defined organisational structure. Academic directors provide guidelines and strategic plans in line with the mission and vision of the institution. The strategic plan approved is effectively deployed through various committees constituted.

For strategic planning, college has

1. Academic directors ,
2. College council,
3. IQAC
4. Academic committee.

For strategic deployment we have various committees to achieve the stated vision and mission

***Strategies for Teaching and learning**

Institution plans to upgrade ICT enabled learning, student centric learning methods, OSCE/ OSPE based examination, value-based learning, integrated teaching, structured and objective type of viva and microteaching.

*** Strategies for Research and development**

- Research activities aims to contribute to dental fraternity and population at large with its outcome.
- College motivates students to participate in the young innovative programme.

*** Strategies for Community engagement / outreach activities**

Plans to adopt more villages, more dental camps and cancer screening programs are in the process of execution.

*** Strategies for Human resource planning and development**

- Institution has a carrier guidance cell which guides and conducts carrier counselling programs for higher education and for job opportunities. Also conducts value added courses and add on courses for students
- Staff are motivated to pursue PhD

***Strategies for Industry interaction**

Enhanced interaction and hands-on/workshops are conducted with dental materials manufacturers/companies and are also encouraged to carry out short term studies to have increased awareness about dental materials and explore their applications in dentistry.

*** Strategies for Internationalization**

· Resource persons from overseas are invited to interact with the faculty and students to gain more knowledge in clinical field and research activities

· Foreign delegates are invited to lecture on various topics in CDE programs. Webinars are also conducted

File Description	Document
Any additional information	View 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:

PMS College of Dental Science and Research stands apart from all the other institution with well-trained, experienced teaching faculties with high standards. They plays a major role in providing a competitive edge for the career development of students. Our Teaching staff and Non teaching staff are always committed in improving college standards to new heights. The institution is supportive and friendly towards the teaching and non-teaching staff. Special welfare measures are provided to the faculties that in return provides effective functioning with maximum productivity. Innumerable welfare measures are executed for the benefits of staffs like Accidental Insurance Coverage, Employee State Insurance Scheme, and Provident Fund Scheme. Incentives are given as a token of appreciation to teaching staff for publishing indexed international and national journals. Our College provides staff quarters, both family and single accommodation for all teaching and non-teaching who are staying far from the College. Leave with pay are provided to teaching staff for going for Seminar, Workshop, Conferences and educational purposes. Our College provides free Hepatitis screening camp every year along with Titre checking and vaccination facility / coverage. Financial help in case of emergencies are being provided to teaching staff by means of Loans & advances without Interest. Every year, Institutions offers the best teacher award for the finest teaching staff in every department and also appreciates the distinguished staff members with various diplomas and fellowships.

All non-teaching staff who got school going children are provided with note books , Bags and pencil box during school opening every year. All non-teaching staff are provided with festival allowance, bonus etc during Onam and Ramzan. Cakes for all teaching and non teaching staff are distributed during every New Year. Family leave are provided to teaching staff as a voluntary measures for the betterment of their family. Leave with pay are given for teaching staff for medical reasons for themselves and their family members which include Father, Mother and children. They can also avail leave with pay for family tour. Staff who got infants below the age of 3 yrs can avail Day care facility for their kids. These facilities are

provided w.e.f 2020 . Medical Accident Prevention Society membership are provided free of cost to all Teaching staff (Dental). Family get together are conducted to teaching and non-teaching staff outside the campus.

File Description	Document
Any additional information	View 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: 44.79

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

2020-21	2019-20	2018-19	2017-18	2016-17
81	38	50	65	47

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: 17.8

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

2020-21	2019-20	2018-19	2017-18	2016-17
22	17	19	21	10

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
Detailed program report for each program should be made available Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	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: 3.7

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

2020-21	2019-20	2018-19	2017-18	2016-17
16	3	3	1	1

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
Link of AQARs for the last five years	View Document

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

Response:

The management evaluates the performance of the faculty based on teaching research, participation in team work, arranging co-curricular and extracurricular activities and publication work. They are awarded and appreciated during teacher's day celebrations. The appraisal system motivates the staff and put forth the best of their efforts. Staff retention is one among the strengths of the institution.

The faculties are appraised based on

- Self- appraisal report-provide the information about academic performance, research contribution, developmental activities of department and institute.
- Student's feedback -online and oral in class committee meeting.
- HOD'S evaluation based on the above the analysis the following actions are implemented
- Faculty members match up the pace of their deliverables as per the student's requirements.
- Suggestions are given to the faculty to complete the syllabus on time, if require advised them to arrange extra lectures.
- Regular analysis of the results of internal assessments of all subjects is done and concerned faculties are guided to take necessary actions. Remedial classes are scheduled in reference to academic progress of students.
- Faculty members are encouraged to undertake R &D projects, consultancy work and apply for research grants.
- Faculty is encouraged to organize national/international seminars/guest lectures/workshops/conferences by sponsoring such events.

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

Other Upload Files	
1	View Document
2	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:

The College is a sister concern of NRI Service and Educational Trust. The PMS College of Dental Science & Research runs the Educational Institution by a sort of self- financing approach not necessarily depends entirely on NRI Trust for funds. The main fund resource of the college is collection of tuition fees and special fees what so ever approved by the Government of Kerala and fee regularity committee from time to time.

We also collect hostel room rent once in a year, mess fees and establishment fees

once in a month. The resource mobilized are collected under strict receipt procedure mostly through bank which is deposited in our operational account. Out of this we make our expenditure payments like salary to teaching and administrative staffs, watch and ward staff, canteen staff, cleaning staff etc. All infrastructural expenses like water charges (both Corporation water and tanker lorry), electricity charges, generator diesel charges, vehicle maintenance charges, garden maintenance. printing and stationery charges, telephone charges are met out of the fund collected. All other operational expenses like Dental Material costs, consumables in clinics etc. are also met out of this fund.

Also, the maintenance expenditure of dental chairs, computer maintenance, lab consumables etc. are also met from this resource fund collected. The infra structure development of the college also depends upon this fund collected from students & patients.

Another resource of fund is the treatment charges collected from patients. Since it is an educational institution, all treatment charges are very less compared to other clinics outside.

Another resource of fund is from PTA and Philanthropists. This fund will also be utilized for Infra structure developments.

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

Other Upload Files	
1	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 a team of qualified accountants / Chartered accountants appointed by the finance committee 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 an external agency, who again makes verification and scrutiny and prepares the trial balance, income and expenditure, balance sheet and other concerned financial reports and also 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 directors, Associate Dean, 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 vouchers are audited by the finance committee on monthly basis. The expenses incurred under different heads like Travelling Expenses, Repairs and Maintenance, Repairs and Maintenance Plumbing, Repairs and Maintenance Electrical, Repairs and Maintenance Carpentry, Repairs and Maintenance Equipment, Consumable others etc. are thoroughly checked by verifying the bills and vouchers. If any discrepancy is found, the same is brought to the notice of the finance manager and gets rectified then and

there. The same process is being followed for the last five years.

Process of the external audit:

The accounts of the college are audited by chartered accountant from external agency regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review. 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 with any major audit objection during the preceding years.

All these mechanisms exhibit the transparency being maintained in financial matters and adherence 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 chartered accountant.

File Description	Document
Any additional information	View 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: 1000000

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

2020-21	2019-20	2018-19	2017-18	2016-17
1000000	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document
Copy of letter indicating the grants/funds received by respective agency as stated in metric	View Document
Any additional information	View Document
Annual statements of accounts	View Document
Link for Additional Information	View Document

6.5 Internal Quality Assurance System

6.5.1 Institution has a streamlined Internal Quality Assurance Mechanism

Response:

Quality assurance system established in 2008 has been an impelling force in enhancing our institution's quality pursuits and a fundamental catalyst in achieving our vision and mission. The internal quality assurance system is well structured with three levels of committees. Internal Quality Assurance System (IQAC) consists of Principal as the Chairperson, a senior faculty as the coordinator, seven faculty members, two members from administration, one management representative and one nominee each from students, alumni, local population and an industrialist. Internal IQAC consists of eight committees representing the eight NAAC criteria each of which consists of 4-5 members headed by a Criteria Head, a Professor. They are entrusted with documentation for various accreditation and assessment process, SSR preparation and documentation. Committee of Department NAAC Co-ordinators monitors the update and compilation of individual department files, channelize audit along with HOD and communicates with IQAC Chairman and co-ordinator for its implementation. IQAC meets three times in a year, Internal IQAC meets twice a year prior to formal IQAC and Department NAAC Co-ordinators meets quarterly. This three levels of committees channelize the timely conduct of institutional audits such as academia, administration, environment etc. IQAC frame strategic plans, monitors its implementation, cultivating a quality culture, development of best practices, propagate quality parameters contributing to quality enhancement, and analyse feedback from different stakeholders of the institution. This quality assurance system functions to frame out and publish SOP for all institutional quality initiatives, facilitates various collaborations to internalize quality culture and provide a broader learning exposure to students, helps to develop best practices and overlooks its effective functioning and documentation. Preparation of annual report and monitoring of various planning committees along with implementation/deployment committees are overlooked by IQAC.

File Description	Document
Any additional information	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

Other Upload Files

1

[View Document](#)

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

Response: 31.83

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

2020-21	2019-20	2018-19	2017-18	2016-17
130	0	74	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
Any additional information	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
Any additional information	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: 5

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

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

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
Any additional information	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:

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

Introduction

Gender Sensitization is a basic requirement to understand the sensitive requisite of a particular gender. Sustainable development relies on ending discrimination towards women and bestowing equal admittance to education and opportunities for employment.

The significance of nurturing equality amongst men and women in any domain is at the forefront of our institution. The proportion of female faculties, students and employees in our institution is 2 to 3 times as much as their male counterparts. Our aim is to provide a sense of equity-based work place environment to

all the stakeholders. For the past few years, we have been organizing programs that highlights and enlightens our faculties, students and employees about handling delicate issues and situations with clarity and professionalism.

Celebration of International Women's Day where the issues pertaining to women, women's health, safety are highlighted. Besides Women's Day we have been celebrating International Men's Day and Transgender's Day.

Specific facilities provided for women

Safety and Security

To strengthen and ensure the safety and security of all our students, faculties and employees in general and women in particular, the institution has put the following measures in place –

1. Entire campus is under 24/7 surveillance with 128 CCTV cameras in and around the campus.
2. The institution has employed 24-hour security to watch over the campus and movements of the people who enter and exit.
3. Vehicle entry is under strict surveillance of the security staffs. The vehicle number is noted and monitored on entry and exit.
4. Students are permitted to leave the campus during college hours only by submission of gate pass issued by Principal/ Administrator to the duty security officer.
5. Hostel inmates leaving the campus after college hours should obtain the hostel gate pass issued by the Warden and has to be handed over on return.
6. 'No parking' signboards are fixed at various points within the campus.
7. Presence of female faculties in all the committees in the institution.
8. Formation of student support and guidance program
9. Anti-ragging committee
10. Anti-Sexual harassment committee.
11. Anti-discrimination cell
12. Student grievance addressing committee
13. Extra security is provided for the 1st BDS students from the day of induction till 3 months and will be under strict monitoring for 3 more months.
14. Separate prayer room, common rooms provided for girls.

Counselling

A student counsellor is appointed to address the student facing problems, to counsel and bring them back to enjoy their student life.

Mentor-mentee system is also implemented in our institute for the betterment of student life.

Campus facilities

1. Separate Rest rooms, recreation facilities, safety lockers, Prayer rooms are provided
2. Books and magazines pertaining to women empowerment in the library

3.Common rooms, prayer room, swimming pool and gymnasium usage is equal for both genders.

Day care

A day care center is present in our campus with trained staff to take care of the children of the employees of our institution.

File Description	Document
Any additional information	View 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: C. Any three 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:

The institution efficiently executes the different types of waste management from its inception to its final disposal. This includes the segregation and management of different types of wastes such as solid, liquid, biomedical, e-waste, hazardous chemicals, and radioactive wastes incorporating waste recycling system as well. There is a channel for collection, transport, treatment and disposal of waste segregation in the campus. The segregation process are done according to the guidelines prescribed by Kerala State Pollution Control Board (KSPCB) solid waste management. The general solid wastes are segregated at the point of origin and compostable was burned using incinerator and non-compostable wastes are disposed via Panchayath designated vendors.

Liquid wastes managed is efficiently done in sewage treatment plant, set up in the campus. The treated water is used for gardening and other non-potable purposes. The sludge produced is used as fertilizer. Biomedical wastes are managed through IMAGE.

Institution is affiliated with Indian Medical Association Goes Eco Friendly (IMAGE) which collects the waste generated on the campus daily and dig as per the approved regulations. The institution follows a colour coding to segregate infectious waste, paper based waste, body tissue or sharps. These wastes are packed in their respective colour coded plastic bags, tied and placed into biohazard bins. Sharps are discarded in puncture proof containers and handed over for disposal as per the standard protocol. Timely staff and student training regarding biomedical waste management is a mandate in the institution and is coordinated by infection control cell of the institution.

Students are provided orientation and training for biomedical waste management compulsorily during various orientation programs.

The e-wastes generated are properly discarded and disposed to a vendor as per a signed MoU. Moreover the outdated system and equipment are exchanged for latest ones which ensure lower pricing through buy back if possible. A full-fledged IT department channels and monitors the whole process of e-waste management. Some components of the electronic equipments / gadget if found in working condition are stored for repair and replaced in other systems. Institution practices solid waste recycling system by installing bio-gas plant this is executed by Mangalath Bio-gas agency and construction since 2016.

Measures are taken by the institution for management of hazardous chemicals and radioactive wastes. Scrap amalgam from all sources are decontaminated and stored in a container by submerging in spent radiographic fixer solution and send for disposal through a certified contractor. Silver from radiographic fixer solution is extracted and disposed through a collaborating agency as per the existing signed MoU.

No radioactive wastes are generated in the campus yet as a part of radiation safety practice for staffs. Thermoluminescent dosimeter in every badge is checked for absorbed dose and replaced at every 3 months intervals. Staff and Radiologist posed in Department of OMR are also monitored.

Liquid waste are discarded in the effluent treatment plant of 30 KL capacity.

Biopsy tissues are retained as slides and blocks in the archives of Department of Oral Pathology further

discarding of such wastes are managed through IMAGE.

File Description	Document
Any additional information	View Document
Link for geotagged photographs of the facilities	View Document
Link for relevant documents like agreements/MoUs with Government and other approved agencies	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: Any Four 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
Link for 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: B. Any four 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
Any additional information	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:

Institution believes in what is truly representative of our great country – UNITY IN DIVERSITY. Festivals often serve to fulfil specific communal purposes, especially in regard to commemoration or thanks giving. The festivals which provide cultural harmony brings equality among the students. These celebrations help the staff and students better understand the culture of other regions while also encouraging communal

tolerance and harmony. The Management constantly encourages such endeavors and the staff and students actively and enthusiastically participate in the same. The institution celebrates festivals of different communities with equal enthusiasm. The festival related donations are being provided to the neighborhood communities such as temples and mosques. Institution takes care of the diversity in linguistics by providing instruction boards for patients in Malayalam and English.

Institution takes its social responsibility by regularly conducting camps making dental care accessible to all. The camps conducted in tribal areas with mobile dental van provides immense support to the population in inaccessible areas. Important days like World No Tobacco Day, World Environment Day, World Dentist Day, World Cancer Day are celebrated annually. We are mindful that oral health is very vital to general health and well-being which translates into Tobacco Intervention Initiative. The Tobacco cessation clinic of the institution has received accreditation from Indian Dental Association Intervention Initiative.

The holiday clinic conducted by the institution provide services to the needy and poor among the society during public holidays. The Satellite clinical centers around the locality are fully equipped which helps the people to be benefitted with the facilities of the hospital. For the general public around the locality, the institution is providing transportation services with the help of Kerala State Road Transport Corporation.

It is unfortunate to note that a few disasters struck the country as well as state in the last few years. Our Management, Staff and Students mobilized funds and relief material to help the affected people . Funds were collected and handed over to the concerned authorities to help the victims of the Ockhi cyclone which affected many coastal areas of Kerala during December 2017. Disastrous floods struck South Kerala in 2018, PMS college of dental science and research donated an amount of Rs. 50,000/- and Rs 10,00,001/- to the CM Relief Fund for rehabilitation. During the covid19 pandemic period, the significant flood of Brahmaputra River affected North eastern part of Assam and a fund of Rs.49,999/- was collected and donated to concerned authorities. During severe flood of August 2019, support was provided as funds as well as required materials for the affected individuals invoked social responsibilities among students of the institution. During the covid19 pandemic period 2020 and 2021, 50 ICU beds were donated and handed over to health minister, department of health and family welfare, Govt. Medical College Trivandrum and 1 lakh mouth masks were handed over to the Director General of Police, Department of Police.

By engaging all the above activities, the institution has ensured that it provides an inclusive environment and also provides services to the human commune.

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

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

Introduction

Our institution takes great delight in celebrating various National and International commemorative days, events and festivals as they impart knowledge and awareness among students.

These events are organized by the institute as a part of its annual agenda in accordance with the mission of the institution to provide healthcare and service to the global community, thereby contributing to refinement of general and oral health standards of individuals.

Independence Day

Official function of flag hoisting will be done by the Principal on 15th August every year.

Republic day

Official function of flag hoisting will be done by the Principal on 26th January every year.

National Tooth Brushing Day

We celebrate the National Tooth Brushing Day every year on 7th November. As part of this awareness camp are organized.

Teacher's day

We celebrate the teacher's day on 5th September. There will be felicitation function followed by cultural programs

Children's day

We celebrate the Children's Day on 14th November every year. Various Competitions are organized for children which include drawing, coloring, quiz, selfie smile etc.

National dentist day

We celebrate National Dentist Day on 6th March every year. Dental awareness programs are organized every year. Various competitions like dental quiz, photography, Dental caption writing competitions etc. were the highlights of the event.

World No Tobacco Day

World No tobacco day celebrated on May 31st every year. Public awareness pamphlets are distributed on the ill effects of tobacco usage on the body and on the oral cavity. The same are explained through skits, anti-tobacco counseling interaction and other activities. The patients are discouraged from using any form of tobacco.

World Cancer Day

Our institute celebrates World Cancer Day on 4th February to create awareness for the same. The students educated the general public about the myths and taboos related to cancer, its treatment, and its causes.

World AIDS day

Our institute celebrates world AIDS day on 1st December to create awareness among the public. Various talks are conducted for the same.

International Women's Day

We are in the habit of celebrating the International Women's Day on 8th March every year. As a part of this program, various screening tests are conducted for faculties and students. Various competitions and fun games are conducted for students and faculties. Gender equity talks are also conducted every year.

International Men's Day

We also started celebrating International Men's Day on 19th November with various competitions, talks etc.

Environment day

World Environment Day is observed on June 5th every year. Our institute has taken initiative to plant trees every year in order to create awareness to the students, faculties, staffs and patients.

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

Other Upload Files	
1	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 : Laminated Dental Care System**

The College being located in the periphery of Trivandrum Corporation provides dental services to patients near and far since its inception. The institution meets the needs of different strata of patients through the functioning of Priority Clinic, Comprehensive Clinic, and PG clinic. This strategic compartmentalization into three levels ensures enhanced quality patient care system.

Objectives

- To facilitate and ensure personal, professional treatment strategies.
- To provide holistic and comprehensive dental care.
- To familiarize and train students with the skills of running an independent practice.

Context

Institution follows the guidelines set by DCI & University in terms of academic delivery. Furthermore the institution strives to provide the best clinical learning exposure to the students and the best patient care service with nominal charges.

“Patient waiting time” was one of the concerns identified during the feedback analysis of patient satisfaction survey by IQAC.

In spite of operational difficulties, a comprehensive clinic system was started in 2017 under Public Health Dentistry Department aiming all treatments under one roof. After its successful running for 2 years, this system paved the way for establishment of 5 separate comprehensive clinics and enabled to impart a more clinical and professional skill development arena for UG students.

Hence a three level system of dental services was designed:

1. Comprehensive Clinic System
2. Designated PG Clinics
3. Priority Clinic

Practice

PG clinics are structured and operated according to the guidelines set by DCI and University.

Comprehensive clinics system provides a one stop clinic for any and all dental needs of patients. This provides a first-hand experience of holistic dental care to UG students and interns that makes them ready for individual private practice.

Each clinic comprises of a clinic in-charge (an OMR faculty) and a faculty from all specialities. All UG students from 3rd BDS to Interns are divided in batches and allotted to these clinics. This system reduces the waiting period for patients providing improved patient care system.

PG Clinics performs advanced treatment procedures and surgeries, difficult cases which are not managed by UG students/interns are referred to PG students under expert supervision by HOD/PG Guide.

Patients who wish for 'private clinic experience' opt for priority clinic. Priority Clinic provides a private dental clinic and a cosy experiences to patients who prefer immediate appointments by an experienced faculty. Priority clinic expedites dental treatment and reduces waiting period which is a pleasant deviation from the conventional patient appointment system.

All Advanced dental treatments are referred to Advanced Dental Science Department from any or all these clinics to provide specialized treatments such as surgical cases including implant placement, Guided Bone Regeneration, Socket preservation, second stage surgery of implants, management of peri-implantitis etc.

Evidence of Success

Interim results as measured by patient inflow in Comprehensive clinic and Priority clinic show the acceptance and benefit imbibed by the patient as well as PG clinic getting streamlined with regular and emergency cases.

Problems Encountered and Resources Required

Patients' attitude and education towards the comprehensive clinic was one of the major challenges that were encountered. This particular inconveniences was overcome by setting up a helpdesk in the reception and enlightening the importance of comprehensive dental care through various educational tools.

Best Practice 2

Title : Student Centred Teaching Learning System

Management of the College, from the time of its inception considered the latest techniques in teaching and learning as the most successful channel to impart knowledge and learning experience thus to provide a learner centric curriculum delivery.

Objectives

- To implement student centric teaching learning methodology in curriculum delivery and promote self-directed learning.
- To incorporate a common portal of learning for students and teaching faculties in order to use gadgets in a productive way.
- To enhance the pedagogy and learning outcomes with total involvement of teachers and students.
- To provide the best learning resources and cater different level learners.

Context:

As emphasised in institutional vision statement and moto of producing dental professionals with skills, knowledge and values, the newer adaptations of learner centric teaching learning are to be implemented to produce global dentists of tomorrow.

Accordingly a genuine shift from passive learning to self- directed learning process have to be cultivated among the students.

In order to provide a better learning experience to the students, a small group teaching system-micro lecture system was implemented by incorporating teaching learning activities in 2017 for II BDS students which showed 100% promotion rate for that batch. Hence further implementation of an activity based teaching methodology was initiated batch wise since then.

Finally an Activity Based Learning Education (ABLE) system is implemented which is actually a blended mode of teaching methodology incorporating both student centric and teacher centric mode of curriculum delivery.

Practice:

This system is aimed at managing various learning related issues of the students such as lack of concentration, inability to comprehend, analyse, apply and evaluate the subject taught.

Accordingly each theory class is planned to have 4 components. A mid class activity to engage and sustain the students' concentration throughout the lecture and also to provide a platform for participatory learning.

This is followed by the post evaluation test to ensure and evaluate the achievement of learning outcome. An assignment as a homework reinforces the topic. The student feedback regarding the topic and the class ensures the complete topic delivery.

Teacher centric mode practiced in this system is a modified version of the conventional teaching methodology with incorporation of small teaching learning activities and exercises in order to break the

monotony of conventional lecture system.

Dental Education Technology Department monitor the classes, collect feedback forms from students, subject in-charges, HODs for improving, updating and upgrading the system.

Evidence of Success

- Participatory learning is highlighted.
- Students are able to perform better in their examinations with high scores.
- Students are accomplished with self-centred learning practice.
- Teaching has become more effective and learning more interesting instead of a tiresome repetitive exercise.

Problems Encountered and Resources Required

1. Familiarizing the student centric mode of teaching- learning to students and faculties.
2. Evaluation of learning outcome.
3. Infrastructure and digitalization.

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

The PMS College of Dental Science and Research, established in 2002 is the first and premier self-financing Dental Education Institution in the state of Kerala. This Institution is a unit of NRI Service and Educational Trust established under the able guidance of visionary Chairman Dentashreshtha Dr. P.S. Thaha.

The institution is one among the first Dental Colleges in the state to take MDS admissions in self-financing sector. We are focused in maintain and establishing quality benchmark. We are the first NAAC accredited dental college in Kerala with a CGPA of 2.65 in 2014. The institution is featured amongst the top 40 dental institutions in India as per the survey conducted by India Today. The institution consistently participates in the National Institutional Ranking Framework (NIRF). The institution successfully

cooperates in the All India Survey on Higher Education (AISHE) with AISHE Code C-48131. The institution has received accreditation from Indian Dental Association Tobacco Intervention Initiative (IDA-TII). Institution is one among the first institutions in the State to start the Tobacco Cessation Clinic (TCC) Center is now the first Dental College in the State to receive the accreditation from Indian Dental Association (IDA). Our motto **“Our Students Global dentists of tomorrow”** is achieved by providing state of art academic and clinical facilities, teaching learning. Sustained seat enhancement process and fully filled allotted seat is a proof showing our uniqueness among the dental colleges in the state.

Institution constantly aims at achieving higher quality and standards or which the institution regularly participates and practices. The Institution in accordance with the mission and vision has embraced various collaborations with International Institutions for academics, faculty/student exchange and development. On the International front we have academic collaborations with Swiss International Academy of Osseo-Integration, Switzerland and for faculty/student exchange we have collaborations with Rutgers School of Dental Medicine, New Jersey, USA. We have collaborations for exchange of Academic and educational materials with Saveetha Dental College, Chennai and for guidance in Research activities we have collaborations with SCTIMST – TIMED, Rajiv Gandhi Centre for Biotechnology, Poojapura, Thiruvananthapuram and Centre for Research on Molecular and Applied Sciences, Thiruvananthapuram. We also have collaborations for Educational and professional development with Mar Theophilus Training College, Trivandrum, for Academic purpose with St. Johns Health Services, Trivandrum and SUT Academy of Medical Sciences, Vattappara and for Academic and Research linkage with Pallium India, Trivandrum.

The institution has a unique Comprehensive dental care system which provide holistic and comprehensive dental care to patients and familiarize and train students with the skills of running an independent general dental practice. Activity Based Learning Educational System (ABLE) is our innovative approach for imparting academic excellence. Our vision is to be an outstanding Dental & Research Institute of International repute for shaping dental professionals with skills, knowledge and values. Our mission is to impart awareness on Dental Science and Oral Health and provide excellent patient care and Advanced Treatment facilities to the society.

File Description	Document
Link for appropriate web page in the institutional website	View Document
Link for any other relevant information	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: 82.26

8.1.1.1 Institutional mean NEET percentile score

Response: 82.26054439

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
2	View Document

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

Response:

Preclinical training is a critical step in dental healthcare profession. The primary objective of preclinical training is to acquire psychomotor skills before performing invasive and/or irreversible procedures on patients. The students are given exposure to clinical and laboratory procedures through various teaching strategies in a simulated environment as part of preclinical training.

Our institution has dedicated preclinical labs for Prosthodontics, Conservative Dentistry and Endodontics and Orthodontics for Undergraduate students in addition to the Lab facility attached to all clinical departments to meet the MDS curriculum requirements.

Our Prosthodontics preclinical lab has a seating capacity of 100. All seats are equipped with individual Bunsen Burners. The lab has a separate Dry lab (for Lathe, Micro motor, Model trimmer) and Wet lab for Dewaxing units, Plaster dispenser, Water heater, Acrylising unit). The undergraduates are first introduced to various Dental materials and their manipulation. "Fun with Dental materials" competition is conducted every year for promoting a positive attitude and encourage the creativity of students. The students are further trained in the steps of Acrylic removable prosthesis fabrication, with special emphasis to the clinical implication.

The preclinical lab for Conservative dentistry and Endodontics is equipped with 100 phantom heads. The students start their preclinical training on plaster models first. After the plaster model exercises, students are trained in restorative procedures in Typhodont, Natural teeth. Students get a better understanding about chair positions and clinical etiquette, which greatly helps in preparing them to handle patients in clinical settings.

Preclinical Orthodontics lab is equipped to accommodate 70 students at a time, where the students are taught to perform basic wire bending exercises. A full HD visualizer is used for demonstration of preclinical exercises. Mini preclinical lab facilities are arranged in all departments with all basic equipment such as study models, trimmers, micromotors etc. Students are given training in the initial days of their first clinical posting by Oral Medicine and Radiology, Oral and Maxillofacial Surgery, Pedodontics and Periodontics faculty.

First year undergraduate students resume their preclinical exercises after their university exam for the purpose of academic flexibility and to allot more time for their theory topics during first year.

The student centric, Activity Based Teaching- Learning Education System (ABLE) introduced enhances the preclinical sessions and are redesigned incorporating the new ABLE guidelines. Preclinical demonstrations are carried out in small groups, which includes introductory theory briefing with audio visual presentation. Various learning activities such as Concept mapping, quiz, critical pedagogy, peer led sessions etc. The students are also provided with study materials which includes, diagrams, short videos and notes. Clinical visits are also included as part of preclinical training. A structured manual is in system for continuous guidance, to record and to monitor the progress of students' work. All department has a preclinical staff in charge for the preclinical session. For continuous improvement

regular feedback is taken from our students, to get a student centred perspective, which immensely help in maintaining a student – teacher relationship, that facilitates student's learning and help them to achieve their learning goals.

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: B. Any 4 of the above

File Description	Document
Relevant records / documents for all 6 parameteres	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:

Student Induction Program is conducted every year for new students to adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.

The principal addresses the newcomers about the various facets of their journey in the next 5 years. An insight into the code of conduct for students is imparted which comprises the general principles and dress code to be followed in the college. In addition, it encompasses the basic discipline as well as the general conduct and behaviour expected from each student. Besides, the policies for Academics and Examination are elucidated. All the details regarding the student's mentorship programme are explained. All the mentees(students) are assigned a mentor for five years. They will guide the students in academics and co-curricular activities.

A holistic student support Guidance programme (SSGP) for health professionals to improve overall performance of students was established from 2017. The emphasis given in this programme is focussing on holistic development of students by addressing their issues like

1. Academic and Scholastic issue
2. Psycho social issues
3. physical and reproductive health

Nodal officers will use guided counselling as an initial interventional strategy to help the students

Anti-ragging cell is active in our college. Any form of ragging is totally banned in the PMS College - Premises. The senior students have extended whole hearted co-operation with the college authorities in

keeping the college campus a ragging free one. The students are also reminded that ragging in educational institutions in the State of Kerala is a crime, punishable by imprisonment up to two years and fine up to Rs. 10,000/-.

Besides there is an Antinarcotic wing that strictly monitors that every student in the college is protecting oneself and others against drugs and alcohol.

WHITE COAT CEREMONY

A White Coat Ceremony is also organised during which the students take the “Hippocratic Oath”, pledging to conduct themselves with honesty, integrity, fairness, and respect over the next five years—the initial years of their careers in health care.

Clinical Clubs are conducted twice in a month. The main objective is to update the clinical knowledge of students and to enhance the degree of care and treatment methodology that will be beneficial to the patients. Presentations are done by faculties, post graduates and undergraduates according to the timetable allotted. All clinical clubs conclude with an interactive question and answer session.

An opportunity for interns in the form of Finishing School, a comprehensive training programme was designed and arranged in the college where in they are trained by faculties from various departments. This provides the students with both theory and hands on programmes to strengthen their clinical skills.

Departmental Tours and orientation programs enables the students to understand and imbibe the concepts of infection control, biomedical waste management and professional ethics.

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: 2.66

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

2020-21	2019-20	2018-19	2017-18	2016-17
6	4	3	3	1

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

Other Upload Files	
1	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 institution emphasizes on imparting adequate knowledge, skill and attitudes required for carrying general dental practice involving prevention, diagnosis and treatment of anomalies and diseases of mouth, and associated tissues, along with a sound understanding of community oral health education contributing towards national and rural health care delivery programs.

The undergraduate curriculum specifies 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 and treatment planning and treatment.

Apart from this the dental graduates passing out from the institution are trained to achieve the speciality wise clinical competencies as mentioned in curriculum and above that. The attainment of knowledge and various competencies are measured through different types of evaluations such as post class evaluation tests, monthly tests, internal 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.

Every departments must maintain 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 summative assessments also provide an important tool for measuring the students' knowledge level. The practical tests, objective, structural and clinical scenarios which are conducted during the summative evaluation also measures the skills and attitude achieved by the students.

Various status based evaluative methodologies incorporated during the internal practical examination as well with the help of taking case history and treatment plan by the student, enables the measurement of the knowledge level, attitude and communication ability of the students.

The hand skill clinical expertise and attitude is evaluated on the basis of the clinical procedures and viva voce performed during the examination are conducted in OSCE mode.

The seminar presentation during their course also measures the competencies achieved by the students which is incorporated in the formative assessment.

The record book maintenance and timely evaluation contributes towards continuous monitoring of the student competencies throughout the course. Hence contributing towards fair and precise measurement of competencies are attained.

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

Other Upload Files

1

[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: 92.23

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

2020-21	2019-20	2018-19	2017-18	2016-17
130	134	136	113	111

8.1.9.2 Number of first year Students admitted in last five years

2020-21	2019-20	2018-19	2017-18	2016-17
130	134	136	135	135

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

Other Upload Files

1	View Document
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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:

The institution is providing all the possible opportunities to develop graduate attributes during the course study. The broader aspects of skills are achieved by conducting various training programs to improve the attributes. A well planned interns curriculum is followed in the institution for planning and execution of internship.

The urge to include graduate attributes in the curriculum, has led to the incorporation of extensive training programs in the study course of the junior residents. The Institution has developed a framework to meet the intended learning outcome during the course. Through this system the institution is catering attributes of theoretical knowledge, clinical skills and life skills for the graduates. The purpose of conducting this evaluation is to realize the qualitative and quantitative imbibe ment of mastery in the Undergraduate Curriculum and Junior residents.

Various programs are initiated in the institution in order to equip the graduating students. The SEED program, Refresher Course for Interns, Finishing School Programs and Career Guidance programs are a few to mention to equip our interns and global dentists of tomorrow.

GOALS

To assess the Basic knowledge of the subjects in general

To evaluate the Clinical dexterity.

Emergency situation management skills

Level of Communication skills

To evaluate the Professional commitment

Professional ethics

Clinical and team skills

Level of Interest in self improvement

Respecting patient's confidentiality

Commitment to lifelong learning.

These graduate attributes are evaluated in the respective departments during the posting tenure aiming at producing a dentist than a dental graduate

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: 19032.84

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

2020-21	2019-20	2018-19	2017-18	2016-17
10671234	15189140	12855499	15374449	10787969

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:

The teaching competencies are complex combinations of knowledge, skills, understandings, values and attitudes leading to effective action in dental teaching. To foster the development of a full range of dental educator skills amongst all teaching faculties, a Dental Education Department has been in place in PMS College of Dental Science & Research since August, 2021. The department is committed to enhance the teaching, learning and assessment skills of the faculty members at various levels of educational initiatives. A committee, consisting of 12 faculty members has been constituted to shoulder the responsibilities and smart functioning of the department.

The aim of the department is to support the effectiveness of teachers by developing a clear understanding about the competencies that all the teaching faculty should possess. By providing personal and professional support for every new faculty of the profession and individualized provision for professional development of teaching faculty, which should be conceived as compulsory and collaborative initiatives.

The main objectives of this department are

- 1.To build up an enthusiasm for his / her speciality and a personal commitment to teaching and learning process, so as to develop both as a dentist and a teacher.
- 2.To improve knowledge and understanding of teaching process in dental teaching learning system by incorporating strategic knowledge of instructional methods and curriculum materials.
- 3.To ensure skill development scientific methodology teaching learning process by introducing methodologies such as using teaching materials and technologies and introducing to digital world in dental teaching.
- 4.To incorporate attitudes, values and commitment and hence impart character education along with other learning objectives set in the curriculum.

The responsibilities of this department are

- To update the faculty on the current & emerging trends in dental education teaching technologies.
- To provide assistance & formal training to teaching faculties regarding
 - Teaching strategies / methodologies.
 - Student assessment
 - Obtaining feedback
 - Developing e-content
- To bolster experimentations & innovations in the field of teaching methodologies and dental education and facilitate research in various aspects of dental education among faculty members
- To ensure continuous quality improvement in teaching learning and assessment in professional education.
- To develop a resource pool (both materials & faculty) for effective training of teachers.
- To contribute towards institutional activities of feedback system & student assessment (To perform ‘Think Tank’ function in the area of result analysis & student assessment by academic council).

The outcomes of this department include

1. Responsible faculty on the current and emerging trends in dental education teaching technologies all educational process of the college
2. Improved teaching methodologies
3. Motivated students
4. Improved academic results

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 :

The PMS College of Dental Science and Research, established in 2002 is the first and premier self-financing Dental Education Institution in the state of Kerala. This Institution is a unit of NRI Service and Educational Trust established under the able guidance of visionary Chairman Dentashreshtha Dr. P.S. Thaha. The institution is one among the first Dental Colleges in the state to take MDS admissions in self- financing sector. We are focused in maintain and establishing quality benchmark. The institution is featured amongst the top 40 dental institutions in India as per the survey conducted by India Today. The institution consistently participates in the National Institutional Ranking Framework (NIRF). The institution successfully cooperates in the All India Survey on Higher Education (AISHE) with AISHE Code C-48131. The institution has received accreditation from Indian Dental Association Tobacco Intervention Initiative (IDA-TII). Institution is one among the first institutions in the State to start the Tobacco Cessation Clinic (TCC) Center is now the first Dental College in the State to receive the accreditation from Indian Dental Association (IDA). Our motto **“Our Students Global dentists of tomorrow”** is achieved by providing state of art academic and clinical facilities, teaching learning. Sustained seat enhancement process and fully filled allotted seat is a proof showing our uniqueness among the dental colleges in the state.

Institution aims to be an outstanding Dental Research Institute of International repute, which is the vision of the institution. CLAB system (Class Room Associated Lab) is being implemented, which incorporates MILA learning approaches. Focusing on achieving the international standards of clinical learning and exposure, the institution initiated finishing school program for the outgoing interns so as to equip them with the current updated and advanced technology in areas of multidisciplinary and comprehensive oral health care facility is provided under one roof as Priority Clinic, where the students also gets clinical exposure. The society outreach programs and various extension activities enriches the mission of the institution makes the social responsibility and commitment. The consistent Continuing Dental Education Programs supplements the students with skills, knowledge and values based education to the students.

Concluding Remarks :

PMS College of Dental Sciences and Research has scaled a rapid growth in terms of quality and quantity since its inception with support of visionary Chairman along with efficient management and governance. The institution has a well-structured and collaborative administration having an efficient faculty team and students who are enthusiastic and receptive to the reforms brought out by the governing and academic councils. Implementation of robust functioning is possible by the productive committees at various levels. The state-of-the-art infrastructure, amenities and other support services provided in the campus has nurtured the student growth as well as the learning process. The institution with its defined vision leading to the objectives has played an important role in the holistic growth of students. The research initiatives, industry-academia interface, extension and outreach programs by the institution have promoted research culture and establishment of good rapport with the community and industries. In pursuit of excellence, our institution looks forward to achieve more heights in the times ahead. The thrust in academic excellence and holistic growth of the students remain the prime focus of our institution. The faculty members join hands in the Institution's zeal to enhance and sustain quality education flagging way for the attainment of Vision, Mission and Values. The institution's commitment provides opportunity for the faculty members and students alike to render services to the society. The institution today can boast of activities and accomplishments with regard to the social responsibility and

academic excellence. The Institution promises to itself to do every possible thing to quench its thirst to reach the apex of academic excellence in the days to come.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																														
1.3.3	<p>Average percentage of students enrolled in the value-added courses during the last five years</p> <p>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</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>192</td> <td>31</td> <td>86</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : Input edited As per the given observation , Number of students enrolled in value-added courses offered year-wise during the last five years that impart transferable and life skills .</p>	2020-21	2019-20	2018-19	2017-18	2016-17	2	1	0	0	0	2020-21	2019-20	2018-19	2017-18	2016-17	192	31	86	0	0										
2020-21	2019-20	2018-19	2017-18	2016-17																											
2	1	0	0	0																											
2020-21	2019-20	2018-19	2017-18	2016-17																											
192	31	86	0	0																											
2.1.1	<p>Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories during the admission process.</p> <p>Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years</p> <p>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</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>84</td> <td>85</td> <td>75</td> <td>70</td> <td>79</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>84</td> <td>85</td> <td>75</td> <td>70</td> <td>79</td> </tr> </tbody> </table> <p>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</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>84</td> <td>85</td> <td>75</td> <td>70</td> <td>79</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p>	2020-21	2019-20	2018-19	2017-18	2016-17	84	85	75	70	79	2020-21	2019-20	2018-19	2017-18	2016-17	84	85	75	70	79	2020-21	2019-20	2018-19	2017-18	2016-17	84	85	75	70	79
2020-21	2019-20	2018-19	2017-18	2016-17																											
84	85	75	70	79																											
2020-21	2019-20	2018-19	2017-18	2016-17																											
84	85	75	70	79																											
2020-21	2019-20	2018-19	2017-18	2016-17																											
84	85	75	70	79																											

2020-21	2019-20	2018-19	2017-18	2016-17
136	85	75	70	79

Remark : Input edited as per the given observation .

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 / academies during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
17	7	10	10	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
14	6	6	4	1

Remark : Input edited as per given observation , By excluding e-copies of fellowships and certificates of participation for last five years.

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
110	95	76	80	91

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
138	108	107	98	80

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

123	107	82	83	93
-----	-----	----	----	----

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
168	128	122	103	87

Remark : Input edited as per the given observation , Number of final year students of all the programmes, who appeared for the examinations in each of the last five years.

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
857.50	995.64	879.70	784.43	828.70

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
81.21	230.83	143.03	196.2	254.33

Remark : Input edited as per the given observation ,excluded purchase of library books and journals from infrastructure augmentation in the Event.

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:

2020-21	2019-20	2018-19	2017-18	2016-17
0	27	7	3	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	5	3	0

Remark : Input edited as per the given observation ,NAAC A & A process and SSR filling

programs should not be considered.

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

Answer before DVV Verification : All of the above

Answer After DVV Verification: Any Four of the above

Remark : Input edited as per the given observation , Any of the four should be considered.

2.Extended Profile Deviations

ID	Extended Questions																				
1.2	<p>Number of outgoing / final year students year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>138</td> <td>108</td> <td>107</td> <td>98</td> <td>80</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>154</td> <td>118</td> <td>116</td> <td>75</td> <td>97</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	138	108	107	98	80	2020-21	2019-20	2018-19	2017-18	2016-17	154	118	116	75	97
2020-21	2019-20	2018-19	2017-18	2016-17																	
138	108	107	98	80																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
154	118	116	75	97																	
1.3	<p>Number of first year Students admitted year-wise in last five years.</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>140</td> <td>135</td> <td>136</td> <td>134</td> <td>130</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>142</td> <td>135</td> <td>136</td> <td>133</td> <td>130</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	140	135	136	134	130	2020-21	2019-20	2018-19	2017-18	2016-17	142	135	136	133	130
2020-21	2019-20	2018-19	2017-18	2016-17																	
140	135	136	134	130																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
142	135	136	133	130																	