



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	PUSHPAGIRI COLLEGE OF DENTAL SCIENCES
• Name of the Head of the institution	Dr. GEORGE VARGHESE
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04692645282
• Alternate phone No.	04692645210
• Mobile No. (Principal)	944702117
• Registered e-mail ID (Principal)	dentalcollege@pushpagiri.in •
• Alternate Email ID	georgekunthara@gmail.com
• Address	MEDICITY, PERUMTHURUTHY
• City/Town	TIRUVALLA
• State/UT	KERALA
• Pin Code	689107
2.Institutional status	
• Affiliated / Constitution Colleges	AFFILIATED
• Type of Institution	Co-education
• Location	Semi-Urban

• Financial Status	Private				
• Name of the Affiliating University	Kerala university of Health Sciences, Thrissur, Kerala				
• Name of the IQAC Co-ordinator/Director	Dr. S. SUNIL				
• Phone No.	04692645282				
• Alternate phone No.(IQAC)					
• Mobile No:	9447101562				
• IQAC e-mail ID	naacpcds@gmail.com				
• Alternate e-mail address (IQAC)					
3.Website address (Web link of the AQAR (Previous Academic Year)	https://dentalcollege.pushpagiri.net/2021/12/10/aqar-2019-20/?ppwp=1#				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:					
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.73	2016	11/07/2016	10/07/2021
6.Date of Establishment of IQAC			03/04/2020		
7.Provide the list of funds by Central/ State Government-UGC/ICSSR/ IUCTE/CSIR/DST/DBT/CPE of UGC/PMMMNTT etc.					

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr. Nebu George	Student project	KSCSTE	01/02/2021	10,000
Dr. Aby Mathew	Student project	KSCSTE	01/02/2021	10,000
Dr. Elizabeth Joseph	Student project	KSCSTE	01/02/2021	10,000
Dr. A. Devadathan	Student Project	KSCSTE	01/02/2021	10,000
Dr. Nebu George	DBT	DBT	17/03/2021	1,99,600

8. Whether composition of IQAC as per latest NAAC guidelines	Yes		
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File		
9. No. of IQAC meetings held during the year	15		
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes		
<ul style="list-style-type: none"> (Please upload, minutes of meetings and action taken report) 	View File		
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No		
<ul style="list-style-type: none"> If yes, mention the amount 			

11. Significant contributions made by IQAC during the current year (maximum five bullets)
Coordinated and supported to improve academic activities # coordination of Infection Control Cell and COVID Jagrata Samithi in the institution supporting the staff, students and patients.

supported to organize online programmes for the benefit of staff and students during the covid period.

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

Plan of Action	Achievements/Outcomes
Regularized online academic classes for bds and mds students and systematic valuation of their academic progress.	The results of the University exams were excellent.

13. Whether the AQAR was placed before statutory body?

No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Does the Institution have Management Information System?

Yes

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

The management information system comprises of Biometric details, Finance and accounting, Patient records, Academic records, Purchase details, Store details. The software provides the biometric details of all teaching and non teaching faculty and Post graduates of the institution. All financial details including fee remittance, income of all departments, expenditures etc are available through the software. The purchase details of the institution and store materials details are available in this software. The patient case sheets are digitalised through the Mediware software. Academic details of both UG and PG students including internal assessment marks, attendance, other activities etc are available in the software.

Extended Profile

2. Student

2.1	368
Total number of students during the year:	
File Description	Documents
Data Template	No File Uploaded
2.2	16
Number of outgoing / final year students during the year:	
File Description	Documents
Data Template	No File Uploaded
2.3	72
Number of first year students admitted during the year	
File Description	Documents
Data Template	No File Uploaded
4.Institution	
4.1	386.70068
Total expenditure, excluding salary, during the year (INR in Lakhs):	
File Description	Documents
Data Template	No File Uploaded
5.Teacher	
5.1	64
Number of full-time teachers during the year:	
File Description	Documents
Data Template	No File Uploaded
5.2	64
Number of sanctioned posts for the year:	

File Description	Documents
Data Template	No File Uploaded

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum is designed and developed by the parent university based on the guidelines of Dental Council of India (DCI) and Kerala University of Health Sciences. Being an affiliated institution, we ensure that the academic delivery of both BDS and MDS programs is as prescribed by the university. However, our institution prides itself on offering numerous value additions to ensure the student is enriched in various aspects of professional and personal life. A number of add on courses and guest lectures, CDE, workshops and hands-on by reputed faculties are organized by the institution on a regular basis.

The College Council coordinates the formulation of an academic calendar and appoints a faculty in-charge for each year of study at the beginning of the academic year. The Principal, Vice principals, Heads of Departments, are involved thoroughly in the framing of the precise method of curriculum delivery.

Revisions of curriculum are carried out as suggested to the college from the Chairman of Board of studies of KUHS at regular intervals.

File Description	Documents
Minutes of the meeting of the college curriculum committee	https://dentalcollege.pushpagiri.net/2022/01/19/1-1-1-a/
Any other relevant information.	Nil

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

3

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

1.2 - Academic Flexibility**1.2.1 - Number of inter-disciplinary / inter-departmental courses /training across all the Programmes offered by the College during the year****1.2.1.1 - Number of courses offered across all programmes during the year**

0

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

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

54

File Description	Documents
Details of the students enrolled in subject-related	View File
Certificate/Diploma/Add-on courses	View File
Any other relevant information	View File

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

The holistic development of students is the main purpose of the curriculum. The institution enriches the curriculum on issues pertaining to gender, environment and sustainability, human values, health determinants, right to health, on emerging demographic issues and professional ethics by integrating these topics within the curriculum. Also various programmes are conducted to create awareness on these issues throughout the year.

File Description	Documents
List of courses with their descriptions	https://dentalcollege.pushpagiri.net/2022/01/19/1-3-1-a/
Any other relevant information	https://dentalcollege.pushpagiri.net/2022/01/19/1-3-1-b/

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

4

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

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

54

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

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

136

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

1.4 - Feedback System

1.4.1 - Mechanism is in place for obtaining structured feedback on curricula/syllabi from various stakeholders Students Teachers Employers Alumni Professionals

B. Any 3 of the above

File Description	Documents
Stakeholder feedback reports as stated in the minutes of meetings of the College Council /IQAC/ Curriculum Committee	View File
URL for feedback report	https://dentalcollege.pushpagiri.net/2022/01/19/1-4-1-a/
Data template	View File
Any other relevant information	No File Uploaded

1.4.2 - Feedback on curricula and syllabi obtained from stakeholders is processed in terms of: Options (Opt any one that is applicable): Feedback collected, analyzed and action taken on feedback besides such documents made available on the institutional website Feedback collected, analyzed and action has been taken Feedback collected unanalyzed Feedback collected E. Feedback

B. Any 3 of the Above

not collected	
File Description	Documents
URL for stakeholder feedback report	https://dentalcollege.pushpagiri.net/2022/01/19/1-4-1-a/
Action taken report of the Institution on the feedback report as stated in the minutes of meetings of the College Council/IQAC	View File
Any other relevant information	No File Uploaded
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories during the admission process.	
2.1.1.1 - Number of seats filled against seats reserved for various categories as per applicable reservation policy during the year	
17	
File Description	Documents
Copy of letter issued by State Govt. or and Central Government (which-ever applicable) Indicating there served categories to be considered as per the GO rule (translated in English)	View File
Final admission list published by the HEI	View File
Admission extract submitted to the state OBC, SC and ST cell every year.	View File
Annual Report/ BOM report/ Admission report duly certified by the Head of the Institution	View File
Information as per data template	View File
Any other relevant information	No File Uploaded
2.1.2 - Number of seats filled in for the various programmes as against the approved intake	

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

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

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

0

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

2.2 - Catering to Student Diversity

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

A. All of the Above

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

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

Number of Students	Number of Full Time Teachers
64	64

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

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

The main focus of our institution is on academics, but at the same time due importance is given to extracurricular activities as well as both indoor and outdoor sports activities. College has encouraged students to form a student's union within the campus headed by a Students Union Chairman. All our students are given the opportunity to come forward with their interests, skills and talents apart from the field of dentistry. They are provided with the platform to showcase their skills in various inter-college and intra-college sports and cultural events. Students are encouraged to participate and present in state, national and international conferences to present scientific papers and posters under the guidance of faculty members. Students of our institution have participated in various sports and cultural activities [dentist's

daycelebrations, forming a movie club, Christmas celebration etc]. They took a great initiative for old agehome visit, Blood donation camp, NSS activities, maintaining a clean and green environment by saying noto plastics and planting trees. Students actively participated in flood relief activities by providing basic amenities to the needed. Theyalso participated in donating TV, conducting free oral screening camps on Oral Cancer day, road safetymarch with placards of sign boards and safety measures, organized by the institution.

File Description	Documents
Appropriate documentary evidence	https://dentalcollege.pushpagiri.net/2022/01/19/2-2-3-a/
Any other relevant information	https://dentalcollege.pushpagiri.net/2022/01/19/5-3-3/

2.3 - Teaching- Learning Process

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

To enhance student-learning experience, we have implemented student-centric methods in all our teachingprogrammes. All students are required to undergo various levels of preclinical work and hands-on practice of all thedental procedures that they need to perform on patients.Students maintain log books, participate in departmental &interdepartmental discussions, attend and present journal clubs, seminars, Posters and Clinical Clubmeetings at regular intervals. They present scientific papers & Posters at national/internationalconferences. Elective postings are offered to enhance interdisciplinary learning Open-ended questioning in classrooms and clinical postings for development ofcommunication skills and better understanding. Clinical casediagnosis, development of management strategies for different case scenarios, projects, classroom andhomework assignments etc. Students have regular clinical postings in all the departments not only are they introduced into the clinicalpractice in all specialities. Camps are organised to understand the essence of giving back to the society and the underprivileged. Write-ups in popularmagazines, Flash mobs, Rallies, Patient motivation programs where students interact with bystanders to encourage them to seek treatment for dental issues.

Role Plays on simulated scenarios are practiced in various students' programmes. Role plays by students for understanding of general public such as Oral Cancer Awareness week, Dentist day, No Tobacco Day, Green club etc.

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

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

A. All of the Above

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

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

All the faculties of the institution use ICT-enabled tools for effective teaching and learning process. The institution motivates the faculty to update their skills for enhanced teaching experience. Classroom lectures are planned using online study materials and e-resources from PubMed, Google Scholar, Ebscohost.

Delivery of knowledge is through chalk and blackboard, multimedia presentations; 3D and simulation-based models. Also, video

demonstrations during lectures are carried out using YouTube to describe clinical procedures. Wi-Fi facility is provided for free to all teachers as well as students. All Departments and the central Library is equipped with Wifi facilities for teachers to prepare their study materials. All the four lecture halls are well equipped with WP 220 PA amplifier set with microphone VM 22H, ceiling mount kit, camera surveillance in lecture hall 1 (HIK IP 2MP MINI BULLET D S2CD1023GOE-1) being yet another feature to monitor the hall activities. Special surgical procedures which are done in the clinical departments are streamed live to the lecture halls for learning recent advances in the particular topic. Regular monitoring and feedbacks of all such activities are taken and amendments are made for future programs.

File Description	Documents
Details of ICT-enabled tools used for teaching and learning	https://dentalcollege.pushpagiri.net/2022/01/19/2-3-3-b/
List of teachers using ICT-enabled tools (including LMS)	https://dentalcollege.pushpagiri.net/2022/01/19/2-3-3-a/
Webpage describing the “LMS/ Academic Management System”	https://pcds.pushpagiri.net/site/login
Any other relevant information	Nil

2.3.4 - Student :Mentor Ratio (preceding academic year)

Number of Mentors	Number of Students
65	287

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

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

Our institution always encourages innovative teaching method within the campus. Right from the first year of BDS curriculum, students are given tooth carving exercises which enhances their creativity and

skills and knowledge about the basic anatomy of every tooth. Various preclinical exercises are planned to create an interest among students regarding the subjects and prepare them for clinics. Students are taught through small group discussions, objective structured clinical examination and objective structured practical examination. Students are allowed to walk in to central library of the institution during the college working hours and spent productive time there reading various books, articles of all dental subjects. Students are given topic for creating posters, models in various departments. Students under the guidance of faculty are allowed to take up small research projects. Institution has an institutional review board for giving ethical clearance for research works. Students understand the ethical aspect of every study and take their work seriously. Postgraduate students are given opportunity to apply for projects with funds. Students are guided to use ICT facility to present seminars and do journal discussions in the departments. Students are encouraged to participate and present in state, national and international conferences to present scientific paper and posters under the guidance of faculty members.

File Description	Documents
Appropriate documentary evidence	https://dentalcollege.pushpagiri.net/2022/01/19/2-3-5/
Any other relevant information	Nil

2.4 - Teacher Profile and Quality

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

64

File Description	Documents
Any other relevant information	View File
List of fulltime teachers and sanctioned posts for year certified by the Head of the Institution (Data template)	View File
Sanction letters indicating number of posts (including Management sanctioned posts) by competent authority (in English/ translated in English)	View File

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

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

24

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

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

10

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

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

7

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

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

0

File Description	Documents
Institutional data in the prescribed format/ Data template	View File
e-copies of award letters (scanned or softcopy)	No File Uploaded
Any other relevant information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

The yearly academic calendar of the institution is prepared after taking into account the feedback received from the principal , college curriculum/ academic committee ,mentorship committee and the administrative wing and student union executive committee . A draft on the calendar is prepared and circulated among all concerned before finalizing . Special attention is paid to ensure that the calendar confers to the academic schedule of Kerala university of health sciences. Innovative and novel strategies being followed

around the world is taken note of and is discussed threadbare in the college curriculum committee. These ideas which are feasible in our institution are adapted accordingly or modified before implementing as per need. Once a schedule is prepared for the academic program, all are directed to mandatorily follow it.

File Description	Documents
Academic calendar	http://dentalcollege.pushpagiri.net/2022/02/01/time-tables-2016-2020/?ppwp=1
Dates of conduct of internal assessment examinations	http://dentalcollege.pushpagiri.net/2022/02/01/internal-exam-schedule-2016-2020/?ppwp=1
Any other relevant information	Nil

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

The final internal assessment marks of all departments are sent to the KUHS university through the university web portal and a copy is kept in each department and the office for documentation and future reference. The students are required to confirm the internal assessment marks before submission to the university. After obtaining no objection certificate from the concerned departments, the marks, attendance certificates for theory and practical of each subject are verified and signed by each student.

The students are then required to pay the examination fees and upload exam application forms and obtain hall tickets online through the university portal. This is supervised by the principal, vice principals of academics and administration. The smooth running of the exam is conducted by the exam committee. The examination room has surveillance cameras and is recorded and produced to the university as and when required.

The office staff and representatives to the university help the students to deal with grievances regarding the examination and the results. The whole process of the examination, the results and grievances are transparent, time-bound and very efficient.

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

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

Our institution is affiliated to Kerala University Of Health Science through an ordinance and later Kerala University Of Health Science Act 2010 .This places limitations on the autonomy of the institution in academic matters especially syllabus ,examination pattern and system of evaluation . Some of our faculties have been and currently are representatives in the university and DCI.This has helped us in putting forth the views of the institution in academic matters and help its implementation at the university and DCI level. We have introduced OSCE during clinical internal assessment examination. Various stations have been allotted where different clinical skills of the students are assessed in the subject in a timebound manner to evaluate their clinical competency level.The students are given various topics to study and are encouraged to conduct group discussions during classes to ensure innovations and newer ideas.We have introduced a grading system for evaluating the students while performing clinical procedures at the workplace which is integrated with their internal assessment examinations. During the conduct of practical examination, the departments are encouraged to assess based on competency.Student Mentors help identify the weak students.

File Description	Documents
Information on examination reforms	http://dentalcollege.pushpagiri.net/2022/02/01/internal-exam-schedule-2016-2020/
Any other relevant information	http://dentalcollege.pushpagiri.net/2022/02/01/time-tables-2016-2020/

<p>2.5.4 - The Institution provides opportunities to students for midcourse improvement of performance through specific interventions. Opportunities provided to students for midcourse improvement of performance through: Timely administration of CIE On time assessment and feedback Makeup assignments /tests Remedial teaching/ support</p>	<p>A. All of the Above</p>
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File Description	Documents
List of opportunities provided for the students for midcourse improvement of performance in the examinations	No File Uploaded
Information as per Data template	View File
Policy document of midcourse improvement of performance of students	View File
Re-test and Answer sheets	No File Uploaded
Any other relevant information	No File Uploaded

2.6 - Student Performance and Learning Outcomes

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

The learning outcomes for the course are laid according to the syllabus prepared by the BoS committee of the Kerala University of Health Science. The expected outcomes are made known to all the students in the beginning of the academic year by the respective faculties. All the faculties are well aware of the learning outcomes as they are involved in the teaching and learning process. Learning outcomes for all academic programs have been displayed on the college website and are revised periodically. The outcome is assessed by longitudinal assessment over a period of time, daily evaluations which include clinical competence of each case, viva, diagnosis, treatment planning, execution of procedure and skill set exhibited, chart/model stimulated evaluation etc. Each department has a list of treatment procedures to be done in varying levels of difficulty by each students. There is a quota for cases to be completed and presentations and charts or models to be presented by the students for completion of work in each department. Continuous educational programs and clinical training programs are conducted at regular

periods to upgrade the knowledge as well as sharpen the clinical skills. Students are given individual attention while performing a treatment procedure wherein every step is supervised by the staff and corrected.

File Description	Documents
Relevant documents pertaining to learning outcomes and graduate attributes	https://dentalcollege.pushpagiri.net/2022/02/16/courses-syllabus-regulations/
Methods of the assessment of learning outcomes and graduate attributes	http://dentalcollege.pushpagiri.net/2022/02/01/internal-exam-schedule-2016-2020/?ppwp=1
Upload Course Outcomes for all courses (exemplars from Glossary)	https://dentalcollege.pushpagiri.net/2022/02/16/courses-syllabus-regulations/
Any other relevant information	https://dentalcollege.pushpagiri.net/2022/01/19/2-6-1-a/

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

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

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

Formative and summative assessment Formative assessments (3 nos) written, practicals, clinical are conducted once every three months. Mapping Program Outcomes is based on university exams and both theory and practical are taken into consideration. Students who secure marks Below 50% -Below expectations Between 50-59% - Low Between 60-69%- Medium

More than 70% - High

The program outcomes and course outcomes are categorized into degree of complexity and further into high, moderate, low and not achieved and they are assessed by determination of knowledge, clinical skills, empathy, communication, interpersonal and managerial skills, caring attitude and maintenance of high ethical standards, research, knowledge of recent advances, knowledge and skill in use of drugs, diagnostics, multidisciplinary approach, coordination. Formative assessments as large group discussions, case discussion, revision and remedial class, individual viva- voice, Pre-clinical exercise in skill enhancement. Other methods of assessment includes internal assessments (3nos) written, Practical, clinical conducted once every 3 months. Also there is requirement of minimum 80% Attendance.

File Description	Documents
Programme-specific learning outcomes	https://dentalcollege.pushpagiri.net/2022/01/19/2-6-1-a/
Any other relevant information	https://dentalcollege.pushpagiri.net/2022/02/16/courses-syllabus-regulations/

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

The Annual General Body meetings have been conducted regularly from the initial formation years of the college itself. It comprises of the management, all teaching staff and parents from students of all courses. Its meetings are conducted once in a year. The annual general body elects the Executive committee members of the PTA for

each academic year. The Executive committee of the PTA consists of 8 parents and 7 teaching staff. Its meetings are conducted half yearly. Also PTA meetings are conducted at least once a year for each of the batches from the BDS program after their first internal assessment exam. In these meetings parents are informed about the academic performance of students. Parents of wards which are low performers are made aware about their situation. Also feedback from the parents and students about any other related matter regarding college and hostel facilities are taken as discussion points. Concerns raised and remedial measures undertaken in the various PTA meetings conducted are noted by the PTA secretary. The Principal informs the management about the same. Remedial measures are taken in consensus with the management.

File Description	Documents
Proceedings of parent –teachers meetings held during the year	http://dentalcollege.pushpagiri.net/2022/02/04/pta-committee/
Follow up reports on the action taken and outcome analysis.	https://dentalcollege.pushpagiri.net/2022/01/19/2-6-4-a/
Any other relevant information	http://dentalcollege.pushpagiri.net/2022/02/01/2-2-1-a/

2.7 - Student Satisfaction Survey

2.7.1 - Online student satisfaction survey regarding teaching learning process

<https://dentalcollege.pushpagiri.net/2022/01/19/2-7-1/>

File Description	Documents
Any other relevant information	No File Uploaded

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

12

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

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

3

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

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

Number of Research Projects	Amount / Funds Received
7	80.393

File Description	Documents
List of research projects and funding details during the year (Data template)	No File Uploaded
List of research projects and funding details during the year (Data template)	View File
Link for funding agencies websites	https://dentalcollege.pushpagiri.net/2022/01/19/3-1-3/
Any other relevant information	View File

3.2 - Innovation Ecosystem

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

The institution provides a research environment for the faculty and students. The college supports research through its research development unit. It conducts lectures, workshops and training classes for students and faculty. The interns are required to do a short study and encouraged to publish it in journals. They are also required to speak on a topic on Radio MACFAST weekly on a rotational basis along with a faculty. They are also encouraged to write in magazines with the guidance of a faculty. Dental camps are organized by the interns. The students (PG and UG) are encouraged to submit proposals to ICMR Short term studentship, ICMR financial support for MDS thesis and KSTEC student projects. Owing to Covid-19, camps have been stopped.

TMJ clinic: Early identification and timely management of TMJ disorders. T-scan, TENS, splint therapy are available here.

Implant clinic: This Department ensures adequate exposure for PGs to all aspects of implant therapy. The department also carries out implant related workshops for training of postgraduates and dentists from different parts of Kerala.

File Description	Documents
Details of the facilities and innovations made	https://dentalcollege.pushpagiri.net/2022/01/19/3-2-1/
Any other relevant information	Nil

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

3

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

3.3 - Research Publications and Awards

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

B. Any 3 of the Above

File Description	Documents
Institutional Code of Ethics document	View File
Minutes of meetings of the committees with reference to the code of ethics	View File
Any other relevant information	No File Uploaded

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

22

File Description	Documents
Any other relevant information	View File
List of Ph.D.s /DM/MCh/PG degrees in the respective disciplines received during the year	View File
List of teachers recognized as guides during the year	View File
Information as per Data template	View File
Letter of PG guide recognition from competent authority	View File

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

29

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

3.3.4 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings indexed in UGCCARE list on the UGC

website/ Scopus/ Web of Science/ PubMed/ during the year

7

File Description	Documents
List of books and chapters in edited volumes/books published with ISBN and ISSN number and papers in national/ international conference proceedings during the year	View File
Information as per Data template	View File
Any other relevant information	View File

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

59

File Description	Documents
List of extension and outreach activities during the year (Data Template)	View File
List of students in NSS/NCC involved in the extension and outreach activities during the year	View File
Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated	View File
Any other relevant information	No File Uploaded

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

368

File Description	Documents
Reports of the events organized	No File Uploaded
List of extension and outreach activities conducted with industry, community etc for the last year (Data template)	View File
List of students who participated in extension activities during the year	View File
Geotagged photographs of extension activities	No File Uploaded

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

The Pushpagiri College of Dental Sciences received one award from the Kerala State Excise Department, Thiruvalla circle in 2020 for active participation in "Mini Marathon & "Mega Dental Checkup and OralCancer Screening" held on Fenrauary 10, 2020 & March 5, 2020 respectively during the 90 days intensiveprogram organized by Kerala State Mission for Deaddiction, "Vimukthi" under Kerala State ExciseDepartment. A total number of 100 students and 10 teachers took part in the program.

File Description	Documents
List of awards for extension activities in the year	https://dentalcollege.pushpagiri.net/2022/01/19/3-4-3/
e-copies of the award letters	Nil
Any other relevant information	Nil

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

Pushpagiri College of Dental Sciences encourages the faculty, students and nonteaching staff to be socially responsible and

participate in activities in the neighbourhood community. These include posting in rural centers, dental health motivational and screening camps, oral cancer awareness camps, training programs that help students and faculty to help mankind, nature clubs, care for animals. The institution undertakes projects that are beneficial to the socio-economically backward people. The NSS and the student's union take active participation in all the outreach and social activities and are involved in activities as and when they arise such as flood relief.

1. National Service Scheme The NSS unit in PCDS (NSS/KUHS/SFU/PNT/3) is a self-financing unit from 2018. The NSS unit takes active participation in activities of the neighbourhood, Swachh Bharat, health awareness and motivational camps, hygiene awareness, especially during the COVID-19 period and in socio-economic development issues, such as flood relief work, providing fund, educational kit, etc. The NSS unit create leaders and make them responsible to wards society and the environment.

2. Radio MACFAST: One intern and one staff are given the opportunity to talk on oral health subjects every Wednesday on a rotational basis.

File Description	Documents
Details of Institutional social responsibility activities in the neighbourhood community during the year	https://dentalcollege.pushpagiri.net/2022/02/11/community-dental-programs/
Any other relevant information	Nil

3.5 - Collaboration

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

3

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has 4 ICT enabled lecturehalls with high quality

projection for teaching in 3 different floors to take classes simultaneously for different batches. Lift facilities are available for the teachers, students, patients and other staffs. Separate ICT enabled seminar halls are also present for each department. Maintenance of the lecture halls are done every year. The college also provides updated and adequate facilities for clinical learning which includes conducting camps, minimum of 5 clinical hours, case discussions, demonstrations, non flexible quota systems, which encourages the students to do more cases and to improve their clinical skills. Free periodic dental camps are conducted in rural areas wherein the staff accompany the students. Well equipped ceramic laboratories and casting labs are also set up in the college. The college library is well equipped with journals, and books to sharpen the student's reading skills and enhance the knowledge and a computer lab. The college provides preclinical skill labs to increase the confidence level of the students prior to clinical postings. The college also give opportunity to do examination of patients during medical college ward postings in the department of general medicine and general surgery which provides in depth knowledge in the subjects.

File Description	Documents
List of available teaching-learning facilities such as Class rooms, Laboratories, ICT enabled facilities including Teleconference facilities etc., mentioned above	https://dentalcollege.pushpagiri.net/2022/01/19/4-1-1-a/
Geo tagged photographs	https://dentalcollege.pushpagiri.net/2022/01/19/4-1-1-b/
Any other relevant information	Nil

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

Pushpagiri college of dental sciences has adequate physical and recreational Facilities for the improvement of the physical and mental fitness of the students and staff. The college has badminton, football Court for practising games and for conducting various competitions as well. The college has facilities for various indoor games such as carroms and other board games which help the students

to their body and mind after their busy day. The college celebrates sports day in every academic year in which both the students and the staff participate. Sports activities are also conducted during other festive seasons like the tug of war competition during onam celebration. This helps to cultivate sportsmanship among dental students. Facilities for conducting indoor games like chess board, carrom board, table tennis board is set up in recreation room in hostel. The college also ensures to conduct arts day for the students every year from the year 2012. Different competitions are conducted such as poetry writing, story writing, essay writing, Competitions for improving artistic skills, dance, choreo video, skit, fashion show. Arts Fest usually ends with college day celebrations and a renowned chief guest is invited and prize distribution for winners of different competitions is conducted.

File Description	Documents
List of available sports and cultural facilities	https://dentalcollege.pushpagiri.net/2022/01/19/4-1-2-a/
Geo tagged photographs	https://dentalcollege.pushpagiri.net/2022/01/19/4-1-2-b/
Any other relevant information	Nil

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

Pushpagiri dental college has hostel facilities available for both girls and boys. The hostel provides accommodation for students from 1st year to internship. The students are guided by separate warden in each hostel. 24 hour medical facilities are available for the students. The hostel rooms have attached bathroom facility. The college has canteen facilities available for both staff and patients. Separate seating arrangement is made for the staff and the patients. There is a small cafeteria within the college in the first floor, which provides snacks and other refreshments for the students, patients and staff. A store within the hostel takes care of basic requirements of the students. South Indian bank branch and post office are also located within the campus. The bank facilities are available from 10 am till 5 pm. The college campus is made environment friendly by safe disposal of the plastic waste in separate garbage bins. The students union conduct programs like

planting trees and plants during every world environment day. A tarred road leads to the college with sign boards indicating boys and girls hostel and canteen. Also in every floor of the college sign boards show way to various departments and other amenities.

File Description	Documents
Photographs/ Geo tagging of Campus facilities	https://dentalcollege.pushpagiri.net/2022/01/19/4-1-3-a/
Any other relevant information	https://dentalcollege.pushpagiri.net/2022/02/12/green-campus/

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

665168

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

4.2 - Clinical, Equipment and Laboratory Learning Resources

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

Pushpagiri College of Dental Sciences is a premier dental teaching hospital in South Kerala. This is the sole dental college, located in the Pathnamthitta district of Kerala.

All the departments are well equipped with adequate requirements as per DCI stipulations for clinical training of the UG and PG students in various aspects of dentistry as per DCI and KUHS guidelines. There are 2 examination halls with surveillance cameras as per KUHS guidelines on the 7th floor. The college has a main library on the 7th floor and department libraries in all the departments. Computers with wifi facility are available in the main library and in all departments for research and learning activity of students. There

are certain specialized clinics and facilities in the college in which faculty and students from various departments collaborate to meet the treatment needs of the concerned patients. These include: Priority Clinic Department of Implantology Tobacco cessation clinic Special health care needs clinic Conscious Sedation Clinic

File Description	Documents
The facilities as per the stipulations of the respective Regulatory Bodies with Geo tagging	https://dentalcollege.pushpagiri.net/2022/01/19/4-2-1/
The list of facilities available for patient care, teaching-learning and research	https://dentalcollege.pushpagiri.net/2022/01/19/4-2-1/
Any other relevant information	https://pushpagiri.in/

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

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

33480

File Description	Documents
Any other relevant information	View File
Details of the teaching hospitals (attached hospital or shared hospitals after due approval by the Regulatory Council/ University) where the students receive their clinical training.	View File
Outpatient and inpatient statistics for the year	View File
Link to hospital records/ Hospital Management Information System	Nil

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

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

143

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

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

C. Any 2 of the Above

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

4.3 - Library as a Learning Resource

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

Library Software: LIBSOFT Automation: Partial Completion of

automation: 2007 1. ABOUT LIBSOFT Libsoft is an integrated, multi-user, user-friendly Library Management Software Package Developed with the help and advice of a team of experts from library profession. This software can manage all library routines like book accession, multimedia accession, journal accession & indexing, classification based on DDC, membership, circulation and Information Retrieval (OPAC). This software is systematically checked with various working conditions. 1.1. Features • Fully Flexible-Local variations possible • Supports more than 10 Lakh of Records • Data conversion from CDS/ISIS • Reduced Rate • Fully Integrated • High Data Security • Exhaustive Information Retrieval Tool • More User-Friendly

Printouts in desired formats • Various report generation • Simple and Boolean search • Search result can sort with all fields • Multi-user Facility • Network Implementation • Software Consistency • Barcode Facility • ISBN support for Book Accession • Member Photo support • Title reservation

File Description	Documents
Geo tagged photographs of library facilities	https://dentalcollege.pushpagiri.net/2022/01/19/4-3-1/
Any other relevant information	Nil

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

Total number of books: 4484 Total number of titles: 2016 Total number of Reference volumes: 940 Total number of journals: 49 International Journals: 40 National Journals: 9 Collection of rare books: Nil Manuscripts: Nil Digitalized traditional manuscripts: Nil

File Description	Documents
Data on acquisition of books / journals /Manuscripts /ancient books etc., in the library	https://pcd.libsoft.org/
Geotagged photographs of library ambience	https://dentalcollege.pushpagiri.net/2022/01/19/4-3-1/
Any other relevant information	Nil

4.3.3 - Does the Institution have an e-Library with membership / registration for the following: 1 e – journals / e-books consortia E-Shodh Sindhu Shodh ganga SWAYAM Discipline-specific Databases	D. Any 1 of the Above
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File Description	Documents
Details of subscriptions like e-journals, e-Shodh Sindhu, Shodh ganga Membership etc. (Data template)	View File
E-copy of subscription letter/member ship letter or related document with the mention of year to be submitted	View File
Any other relevant information	No File Uploaded

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

22.79691

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

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

Central library has a total of 4586 books and 2038 titles. Library is partially automated with LIBSOFTSoftware. Reading list/ Bibliography compilation is available through OPACS.

Users can access eBook and e-journals through EBSCO host online services. Through EBSCO HOST(online research database) the students

and faculty can access full-text of e-journals in dental sciences. Online journals are available through www.search.ebscohost.com Apart from this students and faculty members can make use of all the services in the library during normal working hours. The library has a total of 9 computers for general access. Question papers of various universities like Kerala university, Mahatma Gandhi University, Kerala University of Health Science, Rajeev Gandhi university of Health Science, Annamalai University, Tamil Nadu Dr. MGR Medical university etc.. are available for all subjects of Post Graduate and Under Graduate courses in the library.

File Description	Documents
Details of library usage by teachers and students	http://dentalcollege.pushpagiri.net/2022/02/08/4-3-5-a/
Details of library usage by teachers and students	http://dentalcollege.pushpagiri.net/2022/02/08/4-5-3-b/
Any other relevant information	Nil

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

D. Any 1 or 2 of the Above

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

4.4 - IT Infrastructure

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

15

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

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

Pushpagiri college of dental sciences embraces IT facilities for its students such that they can utilize these resources to explore their potential to the fullest . To enable this, the college frequently updates its IT facilities across the campus including lecture halls , seminar halls and departments to name a few. All the four lecture halls are well equipped with WP 220 PA amplifier set with microphone VM 22H ,ceiling mount kit ,camera surveillance in lecture hall 1 (HIK IP 2MP MINI BULLET D S2CD1023GOE-1)being yet another feature to monitor the hall activities. Council hall in level 1 is also well equipped with anEPSON EBS41 LCD projector . Ceiling mounted kits are made available to all the seminar halls too. Other facilities include CCTV surveillance monitoring system, college punching system, scanning and printing etc. Wi-Fi facilities are available at the Principal's office, each department and the library.

File Description	Documents
Documents related to updation of IT and Wi-Fi facilities	https://dentalcollege.pushpagiri.net/2022/01/19/4-4-2-a/
Any other relevant information	Nil

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

D. 50 MBPS - 250MBPS

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

4.5 - Maintenance of Campus Infrastructure

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

37.79602

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

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

There are well defined systems and procedures for maintaining and utilizing physical, academic and support facilities- clinical equipment , classrooms, laboratory, library ,emergency maintenance, sports,computers etc. The College has an established policy and system in place for the maintenance and utilization of all its physical and academic facilities.

In order to maintain the Lab equipment of various departments, stock registers and log books are maintained. Entries relating to the repairs and maintenance of these equipment are entered in this

complaint register.

The classrooms are well equipped with all modern technology like the LCD projector, mike systems, and other technologies for better and effective teaching. CCTVs installed in each classroom to make sure of the safety and the security.

Laboratory has several instruments and equipment. Locations of laboratory and fire extinguishers help to assure protective measures to minimize the casualties.

The emergency maintenance like replacing bulbs/tube lights, repairing of water taps, cleaning of blocked drains, etc. are taken care of by the multi-tasking staff.

Institution follows all safety and security norms as required for an educational institution and makes optimal use of all security mechanisms. Appropriate measures are taken to make the campus safe for students.

File Description	Documents
Minutes of the meetings of the Maintenance Committee	https://dentalcollege.pushpagiri.net/2022/02/02/purchased-committee/
Log book or other records regarding maintenance works	https://dentalcollege.pushpagiri.net/2022/01/19/4-5-2-a/
Any other relevant information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

38

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

5.1.2 - Capability enhancement and development schemes employed by the Institution for students: Soft skill development Language and communication skill development Yoga and wellness Analytical skill development Human value development Personality and professional development Employability skill development

A. All of the Aboe

File Description	Documents
Any other relevant information	No File Uploaded
Link to Institutional website	https://dentalcollege.pushpagiri.net/2022/01/23/skill-development/
Details of capability enhancement and development schemes(Data Template)	View File

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

15

File Description	Documents
List of students benefited by guidance for competitive examinations and career counselling during the year (Data template)	View File
Institutional website. Web-link to particular program/scheme mentioned in the metric	https://dentalcollege.pushpagiri.net/2022/01/19/5-1-3/
Copy of circular/ brochure/report of the event/ activity report Annual report of Pre-Examination Coaching centres	No File Uploaded
list of students attending each of these schemes signed by competent authority	No File Uploaded
Any other relevant information	No File Uploaded

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

The Pushpagiri College of Dental Sciences does not have an active international student cell to facilitate study in India program. Although there is a Non-Resident Indian (NRI) quota the Kerala University of Health Sciences does not permit the admission of students under Foreign National (FN) quota in that category As per the norms of Dental Council of India, Kerala University of Health Sciences and the Government of Kerala the institution does not have the permission to admit international students nor exchange students from other national/international universities/ institutions.

File Description	Documents
For international student cell	https://dentalcollege.pushpagiri.net/2022/01/19/5-1-4/
Any other relevant information	Nil

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging Adoption of guidelines of Regulatory Bodies Presence of

A. All of the Above

the committee and mechanism of receiving student grievances (online/ offline) Periodic meetings of the committee with minutes Record of action taken

File Description	Documents
Minutes of the meetings of student Grievance Redressal Committee and Anti-Ragging Committee/Cell	View File
Circular/web-link/ committee report justifying the objective of the metric	https://dentalcollege.pushpagiri.net/2022/01/19/5-1-5/
Details of student grievances and action taken (Data template)	View File
Any other relevant information	No File Uploaded

5.2 - Student Progression

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

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

11

File Description	Documents
List of students qualifying in state/ national/ international level examinations during the year (Data template)	View File
Pass Certificates of the examination	View File
Copies of the qualifying letters of the candidate	View File
Any other relevant information	No File Uploaded

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

16

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

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

3

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

5.3 - Student Participation and Activities

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

1

File Description	Documents
Duly certified e-copies of award letters and certificates	No File Uploaded
Any other relevant information	No File Uploaded

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

Mentorship committee meeting for the year was conducted in the month of January wherein list of the first year bds batch mentioning the mentors and their corresponding mentees was presented to each member

and the template for each interactive session with the mentee was also presented. A student support and progression committee was constituted in the month of February with 8 faculty members and student representatives. The first meeting was held on 18th February. It was decided to conduct a student guidance program for the batches online by the committee members in collaboration with staff incharge of various batches. A meeting for establishment of the mess under new contractor was held in the month of February wherein new mess committees were formed. Students committee has been constituted with 6 members-mess secretary, joint mess secretary (term of one year) and 4 students (monthly/quarterly on a rotationbasis). The meeting decided Reuben Binu Jacob(2016 batch) as the mess secretary. Women's day and dentist day celebrations were collaborated and a talk was conducted by the chief guest of the day Dr. Joyce Geo (psychiatry department PMC).

File Description	Documents
Reports on the student council activities	https://dentalcollege.pushpagiri.net/2022/01/19/5-3-2-b/
Any other relevant information	Nil

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

10

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

5.4 - Alumni Engagement

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

Our college started an alumni association in the 2016 named ESPERANZA, in which all the previous year pass out students of Pcds

were included. And we were allowed to discuss and share their opinions on the various events conducted in the college. The different view point of all the previous students of the college and the currently studying students enhanced the program. The alumni association aims to promote and foster mutually beneficial interaction between the alumni and present students of Pushpagiri College of Dental Science and to encourage the formation of regional chapters as a means to increase participation of alumni. It also to organize and establish scholarship funds to the needy and deserving students of Pushpagiri College of Dental Sciences. On the behalf of which the students were allowed to bring potential in their curriculum activities. The alumni association conducted various competitions for students during the calendar year.

File Description	Documents
Registration of Alumni association	https://dentalcollege.pushpagiri.net/alumni/
Details of Alumni Association activities	https://dentalcollege.pushpagiri.net/alumni/
Frequency of meetings of Alumni Association with minutes	https://dentalcollege.pushpagiri.net/alumni/
Quantum of financial contribution	https://dentalcollege.pushpagiri.net/2022/01/19/5-4-1/
Audited statement of accounts of the Alumni Association	https://dentalcollege.pushpagiri.net/2022/01/19/5-4-1/

**5.4.2 - Provide the areas of contribution by the Alumni Association / chapters during the year
Financial /kind Donation of books
/Journals/volumes Students placement Student exchanges Institutional endowments**

B. Any 4 of the Above

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

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The mission and vision statements of the institution are clearly defined and are translated into its various academic and administrative activities. It aims to provide a truly outstanding private educational experience for students which encompass global trends in their chosen field of education through a student-centric approach in teaching, fostering higher levels of learning; critical thinking and evidence-based healthcare capabilities, without compromising on the charitable nature of the institution. The institution strives to instill and nurture strict professionalism and competency based on catholic values and compassion for fellow human beings. Meetings as per the various criteria of NAAC are held to ensure all-round development of the college. Meetings at various levels of the authority are conducted during various intervals.

File Description	Documents
Vision and Mission documents approved by the College bodies	https://dentalcollege.pushpagiri.net/2022/01/19/6-1-1-a/
Achievements which led to Institutional excellence	https://dentalcollege.pushpagiri.net/2022/01/19/6-1-1-b/
Any other relevant information	Nil

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

The routine activities of the institution are delegated down through the Director of the College, Principal, Vice Principals and Head of the Departments. The participation of various stake holders are ensured through regular meetings conducted at various levels at Head of the Departments meetings, College Council meetings, staff, parent teachers meetings, and student's union meetings and alumni meetings.

The College Council comprises of the CEO, Director Institutions, Principal (who is the chairman of the CCM), Vice Principals, Heads of the Departments and Faculty up to Reader Level. The College Council provides a platform for interaction of management and senior faculty. College Council meets regularly at the end of every month thereby ensuring continuous monitoring of activities related to the functioning of the college.

File Description	Documents
Relevant information /documents	https://dentalcollege.pushpagiri.net/2022/01/19/6-1-2-a/
Any other relevant information	https://dentalcollege.pushpagiri.net/2022/01/19/6-1-2-b/

6.2 - Strategy Development and Deployment

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

The highest authority is the Patron of the Pushpagiri group of institutions who also presides over a governing body which is the highest decision making authority. The CEO, Pushpagiri group of institutions is a member of the governing body- the power of policy making and final decisions rest with the governing body. The CEO presides over the eight member board of directors who are directly involved in functioning of the institutions under Pushpagiri Medical Society. The CEO supervises the overall functioning of all the institutions under the Pushpagiri Medical Society. The Director of the College manages overall activities in the campus and ensures the development of the institution in a phased manner.

The various committees involved in the functioning of the college

1. Governing Body
2. College council
3. Staff meeting
4. Infrastructure committee
5. Student Affairs committee
6. Learning Resources committee
7. Patient grievance cell
8. Purchase Committee
9. Maintenance Committee
10. PTA meeting
11. Alumni association
12. Staff and Students Greivance Cell
13. Code of Conduct Monitoring Cell

File Description	Documents
Minutes of the College Council/ other relevant bodies for deployment/ deliverables of the strategic plan	https://dentalcollege.pushpagiri.net/2022/01/19/6-1-2-b/
Any other relevant information	Nil
Organisational structure	https://dentalcollege.pushpagiri.net/2022/01/19/6-2-1-b/
Strategic Plan document(s)	https://dentalcollege.pushpagiri.net/2022/01/19/6-2-1-a/

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

A. All of the Above

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

6.3 - Faculty Empowerment Strategies

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

This following table highlights on the benefits provided to the teaching and non- teaching staff of our Institution.

Teaching Staff

12 days paid Medical Leave

6 months maternity leave

Casual leave in a year

Annual Leave in a year

Study leave - for faculties preparing for PhD

Encouraged to attend conferences / workshops / Faculty Development Programmes and training programmes every year. Conference duty leave is provided for 1 week

Effective strategies to mobilize funds to support the staff and encourages them to do Minor / Major research projects.

Privilege Card for medical treatments at subsidized rate

Pushpagiri Medical Society

Staff Welfare Credit Co-operative Society Ltd

Pushpagiri Medical Society

Loan Schemes & M.M.B.F & Deposits

Doctors consultation fee free

Celebrations of festivals in college campus

Honoring all doctors for dentist day

Wishing all faculties for their birthdays

Non-Teaching Staff

12 days paid Medical Leave

6 months maternity leave

Casual leave in a year

Annual Leave in a year

Privilege Card for medical treatments

Employee State Insurance

Provident Fund

Rs 50,000/- for construction of house

Developmental programmes

Celebration of staff birthdays and tours organized

Pushpagiri Medical Society

Staff Welfare Credit Co-operative Society Ltd

Pushpagiri Medical Society

Loan Schemes & M.M.B.F & Deposits

File Description	Documents
Policy document on the welfare measures	https://dentalcollege.pushpagiri.net/2022/01/19/6-3-1-a/
List of beneficiaries of welfare measures	https://dentalcollege.pushpagiri.net/2022/01/19/6-3-1-b/
Any other relevant document	Nil

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

0

File Description	Documents
Details of teachers provided with financial support to attend conferences, workshops etc. during the year (Data Template)	View File
Policy document on providing financial support to teachers	No File Uploaded
List of teachers provided membership fee for professional bodies	No File Uploaded
Receipts to be submitted	No File Uploaded
Any other relevant information	No File Uploaded

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

8

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

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

19

File Description	Documents
Days limits of program/course as prescribed by UGC/ AICTE or Preferably Minimum one day programme conducted by recognised body/academic institution	No File Uploaded
Any other relevant information	No File Uploaded
Details of teachers who have attended FDPs during the year (Data template)	View File
E-copy of the certificate of the program attended by teacher	View File

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

Pushpagiri College of Dental College follows an inbuilt systematic performance appraisal system to evaluate the employees both teaching and non-teaching staffs in a given period of time and helping them to improve their performance in the areas of inefficiency.

Teaching Staff

90% weightage is given for academic performance and 10% weightage is given to personal development. The goals are created for one academic year with qualitative and quantitative assessment and time period of completion of goals are also planned from the commencement of the academic year. The progress of the employee is evaluated at the middle of the year and the attainment of the goals is evaluated at the end of academic year.

Non-Teaching Staff All non-teaching staff are also assessed through annual confidential reports and annual performance appraisal. The various parameters for staff members are assessed under different categories i.e. Character and Habits, Departmental Abilities, Capacity to do hard work, Discipline, Reliability, Relations/Co-operation with superiors, subordinates, colleagues, students and public.

File Description	Documents
Performance Appraisal System	https://dentalcollege.pushpagiri.net/2022/01/19/6-3-5/
Any other relevant information	Nil

6.4 - Financial Management and Resource Mobilization

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

The Institution has a transparent and well planned financial management system in which Government fees and Management fees received from the students are the main sources of funds. The Resource mobilization policy focuses on achieving the goals and target of the institution ensuring accountability and transparency. The harmonized Governing body coordinates and monitors the optimal utilization of the funds for the promotion of learner-centric ecosystem. The Institution is a centrally managed non-profit organization with honorary governing body members which ensures the income generated is spent optimally in the institution itself. A financial advisory body is in place to manage the managed funds. The management provides financial supports to seminars/workshops/expert talks/Association activities/Faculty Development programmes. The extracurricular activities of the students are supported and adequate funds provided for Sports and Cultural activities. Scholarships to the deserving students. Provident fund (PF) and Employee State Insurance (ESI) benefits are provided to the Management appointed staffs.

Financial Resources of the institution are

- Tuition fee
- Hostel Fee
- Government funds-E Grantz, Merit-cum- Means Scholarship
- Clinical Income
- Other Income

Tuition fee is used for the Administrative, infrastructure and academic activities. Government funds are optimally used for which it is sanctioned. Transparency and accountability is ensured by conducting an annual audit of the statements

File Description	Documents
Resource mobilization policy document duly approved by College Council/other administrative bodies	https://dentalcollege.pushpagiri.net/2022/01/19/6-4-1/
Procedures for optimal resource utilization	https://dentalcollege.pushpagiri.net/2022/02/15/6-4-1-b/
Any other relevant information	Nil

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

1.The institution has a strong financial advisory board for Management of accounts and all the accounts sanctioned are audited internally as well as externally. On behalf of the Management, all daily transactions are verified by the concerned department head. 2.The internal audit of Management accounts is done by the internal auditors of Pushpagiri medical society they verify all financial transactions and submit a detailed report of observations based on the observations given by internal auditor. 3.The Management has appointed O Thomas & co as the external auditor of the Management accounts. At the end of every financial year they prepare annual financial statements and audit reports.

File Description	Documents
Documents pertaining to internal and external audits for the last year	https://dentalcollege.pushpagiri.net/2022/02/15/external-audit-report/?ppwp=1
Any other relevant information	Nil

6.4.3 - Total Grants received from government/non-government bodies, individuals, philanthropists during the year (INR in Lakhs)

Funds/grants received from government bodies (INR in Lakhs)	Funds/grants received from nongovernment bodies (INR in Lakhs)
0.99675	Nil

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

6.5 - Internal Quality Assurance System

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

Following NAAC guidelines, the college has established the Internal Quality Assurance cell (IQAC) as a post-accreditation (11-07-2016) quality sustenance measure. The IQAC of the college consists of faculty members, other staff, and students of the college and external experts from society and parents.

IQAC is involved in the following activities:

- coordinates the various qualitative and quantitative improvement activities of academic and administrative activities of the college.
- extends support for organizing the programs for students' progress and support services
- encourages faculties' research activities
- facilitates the process of infrastructure development of the college
- feedback analysis from various stakeholders
- facilitates the process of documentation
- prepares AQAR for submission to NAAC online
- guidance and coaching for competitive and entrance exams
- support extended for scholarships to deserving students
- support to slow learners and development of soft skills

- encourages various faculty development programmes, research activities,
- facilitates in signing MOUs with various organizations relating to academics, social awareness and outreach activities.

File Description	Documents
The structure and mechanism for Internal Quality Assurance	https://dentalcollege.pushpagiri.net/2021/12/24/igac-structure-and-mechanism/
Minutes of the IQAC meetings	https://dentalcollege.pushpagiri.net/2022/05/10/igac-2020-21/
Any other relevant information	Nil

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

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

6.5.3 - The Institution adopts several Quality Assurance initiatives. The Institution has implemented the following QA initiatives: Regular meeting of Internal Quality Assurance Cell (IQAC) Feedback from stakeholder collected, analysed and report submitted to

C. Any 2 of the Above

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

File Description	Documents
Information as per Data template	View File
Annual report of the College	View File
Minutes of the IQAC meetings	View File
Copies of AQAR	https://dentalcollege.pushpagiri.net/
Report of the feedback from the stakeholders duly attested by the Board of Management	No File Uploaded
Report of the workshops, seminars and orientation program	No File Uploaded
Copies of the documents for accreditation	No File Uploaded
Any other relevant information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

3

File Description	Documents
List of gender equity sensitization programmes organized by the Institution (Data template)	View File
Copy of circular/brochure/ Report of the program	View File
Extract of Annual report	View File
Geo tagged photographs of the events	View File

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

Our institution has given prior importance in maintaining gender equality. We continuously strive to make every possible effort in order to curb any form of gender inequality or discrimination. This is achieved by organizing programs that highlight and educate our teaching and non teaching faculty members and students about handling delicate issues and situations with clarity, sensitivity and professionalism. We also ensure that specific interests, needs and priorities of both genders are taken into consideration. We arrange most of the gender equity and sensitization programmes in association with the International Women's Day celebrations on the 8th of March every year.

File Description	Documents
Annual gender sensitization action plan	https://dentalcollege.pushpagiri.net/2022/01/19/7-1-2-a/
Specific facilities provided for women in terms of a. Safety and security b. Counselling c. Common Rooms d. Day care centre for young children	https://dentalcollege.pushpagiri.net/2022/01/19/7-1-2-b/
Any other relevant information	https://dentalcollege.pushpagiri.net/2022/01/19/7-1-2-c/

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

C. Any 2 of the Above

File Description	Documents
Geotagged Photos	https://dentalcollege.pushpagiri.net/2022/01/19/7-1-3/
Installation receipts	View File
Facilities for alternate sources of energy and energy conservation measures	View File
Any other relevant information	No File Uploaded

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

Our institution has an MOU with IMAGE for waste disposal. IMAGE, located in Palakkad, was established by the Indian Medical Association, Kerala State Branch for common biomedical waste treatment and disposal in 2003. No waste is stored in the departments of our college. At the end of each day, house keeping staff collect the segregated waste which is then collected by collection and treatment facility away from the campus.

SOLID WASTE:

It is divided into 2 categories as per government guidelines, as wet waste and dry waste. It is then further segregated and disposed of into appropriate color coded bags. Non-hazardous biodegradable waste is sent for compost making and used for gardening.

LIQUID WASTE:

Liquid waste is transported through pipes and pump station to the municipal sewage plant.

BIOMEDICAL WASTE:

Biomedical waste is segregated into appropriate color coded bags and then collected by IMAGE.

E WASTE:

E waste generated is transferred to the IT cell of Pushpagiri Medical College and then disposed of in a suitable manner.

WASTE RECYCLING SYSTEM:

Facility not available in our campus.

HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT:

Hazardous chemicals used for the purpose of disinfection and cleaning are transferred to the municipal sewage treatment plants.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	https://dentalcollege.pushpagiri.net/2022/01/18/7-1-4-a/
Geotagged photographs of the facilities	Nil
Any other relevant information	Nil

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

C. Any 2 of the above

File Description	Documents
Geotagged photos / videos of the facilities	https://dentalcollege.pushpagiri.net/2022/01/19/7-1-5/
Installation or maintenance reports of Water conservation facilities available in the Institution	View File
Any other relevant information	No File Uploaded

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

B. Any 4 of the Above

File Description	Documents
Geotagged photos / videos of the facilities if available	https://dentalcollege.pushpagiri.net/2022/01/19/7-1-6/
Geotagged photo Code of conduct or visitor instruction displayed in the institution	View File
Any other relevant information	No File Uploaded
Reports to be uploaded (Data Template)	View File

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

C. Any 2 or 3 of the Above

File Description	Documents
Geo tagged photos of the facilities as per the claim of the institution	View File
Any other relevant information	View File
Data template	View File
Relevant documents	View File

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

Our institution provides a culturally inclusive environment with mutual respect, effective relationships, and clear communication. Everyone is given equal opportunity to participate in teaching, learning, work and social activities. We maintain complete

transparency and right from the enrollment and all admissions done only on merit without any biases. Equal opportunities are provided to the students in various activities conducted irrespective of their caste, creed, religion and region.

We have an active student council and NSS wing to inculcate a sense of unity, discipline and harmony. We believe in equality of cultures and traditions, evident from the fact that students belonging to different caste, religion and regions are studying in the college without any discrimination with no segregation of students for their lingual or communal background. Various cultures are represented during the fests which depict sense of respect towards all the cultures. Sports, cultural and technical activities are organized inside the college to promote harmony towards each other. Annual festivals like college day, onam and Christmas celebrations are organized every year. Every department also undertakes national level competitions to give opportunity to all the students to be part of activities of the Institution.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	https://dentalcollege.pushpagiri.net/2022/01/19/7-1-8-a/
Any other relevant information/documents	https://dentalcollege.pushpagiri.net/2022/02/15/nss/

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

A. All of the Above

File Description	Documents
Information about the committee composition, number of programmes organized etc., in support of the claims	No File Uploaded
Web link of the code of conduct	https://dentalcollege.pushpagiri.net/2022/01/19/7-1-9/
Details of the monitoring committee of the code of conduct	View File
Details of Programs on professional ethics and awareness programs	No File Uploaded
Any other relevant information	No File Uploaded
Institutional data in Prescribed format (Data Template)	View File

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

As the father of our nation Mahatma Gandhi said, the purpose of education is the betterment of one's character. Pushpagiri College of Dental Sciences, right from the time of inception, believed in the roles that its students should play in their communities. Along with the academic performance it has always been our goal to instil in students a sense of gratitude and a wish to serve the community by better connecting with them. Every department takes initiative in celebrating their days such as World Radiology Day on Nov 8th, National Oral Pathology Day on 25th Feb, Conservative and Endodontic Day, Children's Day etc to make everyone understand the importance of their speciality. Various awareness and creative programmes are carried out on that celebration. Every year June 5th, we celebrate world environment day by planting saplings. On March 8th, the institution celebrates Women's Day and give them an opportunity to portray their achievements. Our institution celebrates all the festivals such as Christmas Day, Diwali, Onam involving students both graduate and post graduates, teaching and non- teaching staffs. The other days we commemorate include World Aids Day, International Yoga Day, World Water Day and World Environment Day.

7.2 - Best Practices

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

(Respond within 100 - 200 words)

Criteria

First best practice

Second Best practice

Title of the Practice:

I-KAP - Interns Knowledge and Skill Advancement Programme

Pushpavani Aarogyam - Live Dental Health Education Programme in association with Radio Macfast, 90.4 FM.

Objectives of the Practice:

To enrich existing knowledge on all aspects of dentistry

To enhance awareness in the community

To provide high quality dental health education and clarify their doubts

The Context:

First conceptualized in 2017, it helps the interns develop organizational skills and knowledge.

Means of mass communication has a great potential in disseminating oral health messages.

The Practice:

Conducted on a regular basis on all Thursdays.

Wednesdays from 9am-10am.

Limitations faced:

During Covid 19 lockdown and restriction period, it was conducted online.

Those who were not proficient in Malayalam wrote the Malayalam script in English.

Evidence of Success:

The feedback demonstrates that IKAP beneficial to the interns.

Oral health awareness to the listeners of 5 districts with 10 lakh listeners.

Problems Encountered

Due to covid-19 lockdown, the classes were conducted as online.

During Covid-19, the program was recorded within our institution sent to McFAST radio

Resources Required:

Auditorium

Light and Sound System

Laptop and Projector

High connectivity WIFI

Transport to and from the venue.

File Description	Documents
Best practices page in the Institutional website	https://dentalcollege.pushpagiri.net/2022/01/19/7-2-1/
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The institution has given priority to create and enhance a research environment among students and faculty. The college supports research through its research & development unit and ethics committee. The research development unit conducts lectures, workshops and training classes on research methodology and related

topics. It also informs of the existing funded projects to faculty and assist in project writing.

No. of PhD candidates (ongoing): 2

No. of funded student projects with ICMR, KSTEC, ASPIC-REACT, & Pushpagiri Seed funding: 7

No. of funded national & international projects for faculty: 3

No. of projects with PRC animal house:6

No. of publications in indexed journals (PubMed, Web of Science, Scopus):28

No. of publications in nonindexed or other indexed journals: 63

File Description	Documents
Appropriate web page in the institutional website	https://dentalcollege.pushpagiri.net/
Any other relevant information	https://dentalcollege.pushpagiri.net/2022/01/24/projects/

DENTAL PART

8.1 - Dental Indicator

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

Number of students enrolled for the MBBS programme during the preceding academic year	Range of NEET percentile scores Mean NEET percentile score SDNEET percentile score	Mean NEET percentile score	SDNEET percentile score
49	40	84.56	9.6

File Description	Documents
List of students enrolled for the BDS programme for the preceding academic year	View File
NEET percentile scores of students enrolled for the BDS programme during the preceding academic year.	View File
Any other relevant information	View File

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

The students enrolled for BDS and MDS program are given adequate training both in classroom and various labs to make them proficient in various pre-clinical skills. Dental Council of India has prescribed preclinical work as a part of curriculum.. The preclinical curriculum starts as soon as the student enters his/her first academic year and continues throughout their course.

The undergraduates have preclinical exercises in the departments of Dental Anatomy, Prosthodontics, Conservative Dentistry, Pedodontics, Oral and Maxillofacial Surgery and Orthodontics.

The postgraduates have preclinical exercises in the departments of Prosthodontics, Conservative Dentistry, Pedodontics, Oral and Maxillofacial Surgery and Orthodontics.

The institution has fully equipped pre-clinical Conservative dentistry, Prosthodontics, Orthodontics, Pedodontics and oral pathology laboratories. These work spaces offer our students the opportunity and facilities to learn the skills involved in treating real patients.

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

8.1.3 - Institution follows infection control

A. All of the Above

protocols during clinical teaching during preceding academic year Central Sterile Supplies Department (CSSD) (records) Provides Personal Protective Equipment (PPE) while working in the clinic Patient safety manual Periodic disinfection of all clinical areas (Register) Immunization of all the care-givers (Registers maintained) Needle stick injury record

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

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

Orientation programmes are conducted regularly for undergraduate and post graduate students in the institution. I BDS students on joining the course are given the foundation/ orientation course by the Academic and administrative in charges. The students have one week of orientation, visiting all the departments of our dental and medical college. The visit to all clinical, preclinical departments and skill labs facilitate students to the professional arena. The post graduate students on admission similarly have the orientation programme headed by academic and research director. The respective heads and pg guides orient the pg students. A foundation course on research methodology is being organized every year.

The first DORA students are also given orientation during the first week of admission and addressed by respective faculty in charges. Every student entering the clinical postings is given an orientation before attending patients.

White coat ceremony was conducted for the first years.

Workshops on patient care (community skills, infection control, biomedical waste management, professional ethics) were conducted. COVID-19 protocols and infection control classes were conducted.

Internship orientation is conducted on the first day of internship by the Vice principal of administration. Each department also conducts an orientation for the interns on the first day of pasting in the department.

File Description	Documents
Orientation circulars	Nil
Programme report	https://dentalcollege.pushpagiri.net/2022/01/19/8-1-4-b/

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

C. Any 3 or 4 of the Above

File Description	Documents
Invoice of Purchase	View File
Usage registers	View File
Geotagged photos of the facilities, and list of studentstrained in the opted facilities	No File Uploaded
Institutional Data in Prescribed Format (Data Template)	View File

8.1.6 - Institution provides student training in specialized clinics and facilities for care and

B. Any 4 or 5 of the Above

treatment such as: Comprehensive / integrated clinic Implant clinic Geriatric clinic Special health care needs clinic Tobacco cessation clinic Esthetic clinic

File Description	Documents
Certificate from the principal/competent authority	View File
Geotagged photos of the facilities, and list of students trained in the opted facilities	View File
Any other relevant information	View File
Institutional Data in Prescribed Format (Data Template)	View File

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

3

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

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

The students are both directly and indirectly evaluated for their quality of education received and their overall development into a competent dental practitioner. The efficiency of our students is being assessed on the following 10 criteria in each

department: Knowledge, competency and skill, punctuality, ability to manage patients, quality of treatment, follow up of treatment, patient motivation for further treatment, communication abilities, capability to work in a team and initiative for participation in research work and score of 1-5 (1- Poor, 2-Below Average, 3-Average, 4-Above Average (Good), 5-Excellent) is given according to their ability and performance and then summative of the scores to get the total score. Students who are advancing in above categories are further encouraged and the struggling students are guided as to where they can make improvements. Since we receive students from all backgrounds, attention is given to their social, moral and academic development. The final grade is 0-10 Poor, 11-12 below Average, 21-30 Average, 31-40 above average (good), 41-50 excellent.

The elective postings for the interns is given to those department where they scored less.

File Description	Documents
Report on the list and steps taken by the College to measure attainment of specific competencies by the BDS students/interns stated in the undergraduate curriculum during the year	https://dentalcollege.pushpagiri.net/2022/01/19/8-1-8-a/
Geotagged photographs of the objective methods used like OSCE/OSPE	Nil
List of competencies	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/107949/8.1.8_1644839261_7435.pdf
Any other relevant information	Nil

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

Number of students admitted in the first year of the teaching programmes during the year	Number of First year students administered immunization /prophylaxis
72	0

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

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

The learning outcomes for the course are laid according to the syllabus prepared by the BoS committee of the Kerala University of Health Science. The expected outcomes are made known to all the students in the beginning of the academic year by the respective faculties. All the faculties are well aware of the learning outcomes as they are involved in the teaching and learning process. Learning outcomes for all academic programs have been displayed on the college website and are revised periodically. The outcome is assessed by longitudinal assessment over a period of time, daily evaluations which include clinical competence of each case, viva, diagnosis, treatment planning, execution of procedure and skill set exhibited, chart/model stimulated evaluation etc. Each department has a list of treatment procedures to be done in varying levels of difficulty by each student. There is a quota of work to be done (cases to be completed) and presentations and charts or models to be presented by the students for completion of work in each department. Continuous educational programs and clinical training programs are conducted at regular periods to upgrade the knowledge as well as sharpen the clinical skills. The faculty members become the students' mentor, advocate, cheerleader, disciplinarian and remedial resource.

File Description	Documents
Dental graduate attributes as described in the website of the College.	https://dentalcollege.pushpagiri.net/2022/01/19/8-1-10/
Any other relevant information.	Nil

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

125.70928

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

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.

The idea of a dental education unit (DEU) for the college was mooted during the formulation of the fiveyear plan for the college and subsequently the DEU was established in December 2020.

Goals of DEU To develop into an educational resource Center that molds a teacher into a competent DentalEducator To enhance the teaching, learning and assessment skills of the faculty member at various levels ofeducational Intiatives

Objectives

The main objectives of the Dental Education Unit are to be responsible for the educational processes

- 1.Ensure continuous quality improvement in teaching learning and assessment in professionaleducation
- 2.Plan, implement and evaluate curricular development and faculty development in the college .
- 3.Facilitate educational research through projects research publication update
- 4.Faculty updated of the current trends in medical education by conducting workshopsand conferences
- 5.Contribute towards policy development feedback system. utsessment communication
- 6.Develop and implement instructional design for undergraduate and post graduate courses
- 7.Emphasize tucational collaboration between dentistry and

allied health professions

The Team Dr. Subbalekshmi- Co-ordinator Dr. Manuja Dr. Prameetha Dr. Anju

Programs conducted in 2020-21 1.Literature search 2.Workshop for PG's for Preparation of IRB Presentation

File Description	Documents
List of seminars/conferences/workshops on emerging trends in Dental Educational Technology organized by the DEU year- wise during the year.	http://dentalcollege.pushpagiri.net/2022/02/18/8-1-12-a/
List of teachers who participated in the seminars/conferences/workshops on emerging trends in Medical Educational technology organized by the DEU of the College during the year	http://dentalcollege.pushpagiri.net/2022/02/18/8-1-12-a/
Any other relevant information	http://dentalcollege.pushpagiri.net/2022/02/18/8-1-12-b/