

SELF STUDY REPORT
FOR
1st CYCLE OF ACCREDITATION

MANUBHAI PATEL DENTAL COLLEGE

**MANUBHAI PATEL DENTAL COLLEGE, VISHWAJYOTI ASHRAM, NR. VISHWAMITRI
BRIDGE MUNJ MAHUDA
390011**

www.mpdentalcollege.edu.in

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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Executive Summary

Introduction:

Manubhai Patel Dental College was established in the year 2000 on a 6.21 acre campus in Munj Mahuda, Vadodara City. The College established the 40 seats Bachelor Dental Surgery Courses in 2000 which got recognized in the year 2004 by the Ministry of Health and Family Welfare. In the year 2012 Manubhai Patel Dental College started the Master of Dental Surgery courses in 5 subjects with 15 seats and got recognized for MDS courses in the year 2015. Manubhai Patel Dental College has been one the most sought after colleges in gujarat from Dental Courses.

Vision:

Manubhai Patel Dental College will be the most responsible and respected entity in Dentistry by advancing excellence in Dental Education, Dental Research and Dental Treatment.

Mission:

The mission of Manubhai Patel Dental College is to :

- (1) To serve our students by providing them with the best possible facilities and faculty for a complete education.
- (2) o contribute in creating and publishing original research by our faculty and students by providing them access to research materials and funds.
- (3) To serve the society by providing them with low cost treatment and ensuring quality services from our doctors and students.

SWOC

Institutional Strength :

Manubhai Patel Dental College's main strengths include infrastructure, research, patients, ideal location, excellent teaching faculty, IT infrastructure and its focus on quality.

Institutional Weakness :

Manubhai Patel Dental College is currently unable to accept students from foreign nations and out of state students due to the restrictions of the law due to which the diversity of students suffers and hence the lack of the International Student Cell. The college does not have an active Alumni association, but the college is trying to encourage its alumni to be proactive.

Institutional Opportunity :

Manubhai Patel Dental College has the opportunity to increase its seat capacity of the Bachelor of Dental Surgery program from 40 to 100 and Master of Dental Surgery program from 15 seats to 27 seats and is working towards the goal of increasing its capacity to maximum possible.

Institutional Challenge :

Manubhai Patel Dental College faces the challenge where the demand of students pursuing Dental Sciences is going down with a lot of colleges in Gujarat and across India unable to fill their seat capacity. The college also faces issues with certain students admitted by the government who are unable to pay the fees of the course and as a result some of them leave the course mid way or end up finishing the course without paying the regular fee amount.

Criteria wise Summary

Curricular Aspects :

Manubhai Patel Dental College is affiliated M.K Bhavnagar University and is regulated by the Dental Council of India. The University adopts the syllabus as published by the Dental Council of India. Manubhai Patel Dental College ensure that its faculty train the students as per the regulations of the DCI and achieve the outcomes as required by the Dental Council of India. In addition, the college conducts continuing dental education programs for the students of the college and encourages even the undergraduate students to participate in research work.

Teaching-learning and Evaluation :

Manubhai Patel Dental College is located in Gujarat and under the admission rules and regulations of the government of Gujarat. The college has not been able to admit foreign students since the Supreme Court of India disallowed foreigners from taking admission under the NRI category. Moreover, the rules and regulations of the Govt. of Gujarat do not allow out state domicile students to be admitted into the college. With respect to the Teaching and learning, the College strictly follows the curriculum, evaluation methodology and the learning outcomes as regulated by the Dental Council of India.

Research, Innovations and Extension :

Manubhai Patel Dental College encourages research activity at both Undergraduate, Post graduate and faculty level. Since the establishment of the Post graduate MDS program at Manubhai Patel Dental College in the year 2012, the students and faculty have done extensive research and have published hundreds of

articles in renowned International and National Journals. The students and faculty have also received numerous awards for paper presentations at national conferences across India. Many of the teaching faculty have published books as well as received patents. Manubhai Patel Dental College continues to encourage, fund and push research activity by its students and faculty.

Infrastructure and Learning Resources :

Manubhai Patel Dental College has always had and maintains state of the art infrastructure with more than the required sixty thousand square feet construction, hostels and staff quarters. Manubhai Patel Dental College always maintains the latest equipment and materials in the hospital for the training of the students. The college regularly orders the latest books and journals for the students and faculty of the college. The college also has advanced IT systems including app and on campus WIFI access so that the students have complete access to the learning resources available at the college.

Student Support and Progression :

Manubhai Patel Dental College indulges in student support and their progression. The college provides English language training programs for students coming from the Gujarat-medium background. The college faculty provide support in training for NEET PG examinations. The college has active committees and systems for responding to any student requests, grievances or ragging activity. The college actively provides students important links from its website to students pursuing higher education or studies abroad. The college has an active cultural and sports committee which includes student members. Every year the college has cultural and sports fest for the students of the college.

Governance, Leadership and Management :

Manubhai Patel Dental College has well established vision, mission and goals. The leadership of the college under the nemesis of the IQAC and complimented by the Dean of the College and the Head of Operations has set up a system of e governance, strategic planning, audits and performance evaluation. The college also has a variety of welfare support initiatives for the staff and students of the college. The college regularly has internal audits managed by the Trust of the college and external audits managed by distinguished auditors Talati and Talati. The college CDE committee monitors and ensures a variety of workshops and seminars are conducted by the Departments of the College.

Institutional Values and Best Practices :

Manubhai Patel Dental College believes in Gender Equity and has measures in place for gender neutrality and for the protection and safety of the Lady students and teachers of the College. The college also believes in a pollution free and green world and has taken the initiative of installing solar plant on the main college building. Manubhai Patel Dental College also has a well planned system of collection of bio medical waste management from the various department clinics in the hospital. The college takes support of an external government authorized agency for the final disposal of the waste. The college conducts regular orientations and provides a copy of code of conduct to all admitted students. The Code of Conduct can also be found on the college website. The college also celebrates important international days such as Womens day, World Cancer Day, World Water Day, World Environment day and so on. The College has an excellent system of curriculum planning and one of the most advanced IT systems for students and hospital management.

Dental Part :

Manubhai Patel Dental College is solely a college for teaching Dental Sciences. It runs the BDS and MDS programs. The college is well equipped with the latest preclinical labs and clinics for training of the students and providing the best possible care for the patients visiting the college dental hospital. The college also has a well established evaluation system in line with the rules of the Dental Council of India for evaluating the preclinical and clinical learning outcomes of the students of the College. Eighty percent of the teacher of the college have post graduate degrees from the best universities across India and a good teaching experience. The college has developed IT systems that help with easy material request, issue and maintenance support for the department clinics of Manubhai Patel Dental College.

Profile

BASIC INFORMATION

Name and Address of the College	
Name	MANUBHAI PATEL DENTAL COLLEGE
Address	Manubhai Patel Dental College, Vishwajyoti Ashram, Nr. Vishwamitri Bridge Munj Mahuda
City	Vadodara
State	Gujarat
Pin	390011
Website	www.mpdentalcollege.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Dr. Sonali Kapoor	0265-2336350	9824012583	-	mpdentalcollege@yahoo.co.in
IQAC / CIQA coordinator	Yashraj Rathore	265-2336350	9638394210	265-2330362	yash544@gmail.com

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

Type of Institution

By Gender	Co-education
By Shift	Regular

Recognized Minority institution

If it is a recognized minority institution

No

Establishment Details

Date of establishment of the college

01-01-1999

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State

University name

Document

Gujarat

Maharaja Krishnakumarsinji Bhavnagar University

[View Document](#)**Details of UGC recognition**

Under Section

Date

View Document

2f of UGC

12B of UGC

Details of recognition / approval by statutory / regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE etc.)Statutory
Regulatory
AuthorityRecognition/Approval details
Institution/Department
programmeDay,Month and
year(dd-mm-
yyyy)Validity
in
months

Remarks

DCI

[View Document](#)

30-12-2004

264

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?

No

Is the college recognized for its outstanding performance by national or international agencies such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO etc.?

No

Location and Area of CampusCampus
Type

Address

Location
*Campus
Area in
AcresBuilt up
Area in
sq.mts.

Main campus area	Manubhai Patel Dental College, Vishwajyoti Ashram, Nr. Vishwamitri Bridge Munj Mahuda	Urban	6.21	8791
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ACADEMIC INFORMATION

Details of Programs Offered by the College (Give Data for Current Academic year)						
Program Level	Name of Program/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BDS,Dentistry	60	NEET UG	English	40	40
PG	MDS,Dentistry	36	NEET PG	English	3	3
PG	MDS,Dentistry	36	NEET PG	English	3	3
PG	MDS,Dentistry	36	NEET PG	English	3	3
PG	MDS,Dentistry	36	NEET PG	English	3	2
PG	MDS,Dentistry	36	NEET PG	English	3	3

Position Details of Faculty & Staff in the College												
Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	12				11				12			
Recruited	8	4	0	12	6	5	0	11	5	7	0	12
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	12				11				12			
Recruited	8	4	0	12	6	5	0	11	5	7	0	12
Yet to Recruit	0				0				0			
	Lecturer				Tutor / Clinical Instructor				Senior Resident			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				14				0			
Recruited	0	0	0	0	4	10	0	14	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Non-Teaching Staff												

	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				87
Recruited	37	50	0	87
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				87
Recruited	37	50	0	87
Yet to Recruit				0

Technical Staff

	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				6
Recruited	6	0	0	6
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	8	4	0	6	5	0	5	7	0	35
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0

PG	0	0	0	0	0	0	0	0	0	0
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

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

Provide the Following Details of Students Enrolled in the College During the Current Academic Year					
Program	From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	9	0	0	9
	Female	31	0	0	31
	Others	0	0	0	0
PG	Male	7	0	0	7
	Female	7	0	0	7
	Others	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
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Category		Year 1	Year 2	Year 3	Year 4
SC	Male	1	0	0	0
	Female	6	2	6	0
	Others	0	0	0	0
ST	Male	1	2	0	0
	Female	1	3	4	0
	Others	0	0	0	0
OBC	Male	1	3	0	0
	Female	5	2	9	2
	Others	0	0	0	0
General	Male	6	3	12	7
	Female	34	37	24	5
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		55	52	55	14

General Facilities

Campus Type: Manubhai Patel Dental College, Vishwajyoti Ashram, Nr. Vishwamitri Bridge Munj Mahuda

Facility	Status
• Auditorium/seminar complex with infrastructural facilities	Yes
• Sports facilities	
* Outdoor	Yes
* Indoor	Yes
• Residential facilities for faculty and non-teaching staff	Yes
• Cafeteria	Yes
• Health Centre	
* First aid facility	Yes
* Outpatient facility	Yes
* Inpatient facility	Yes
* Ambulance facility	No
* Emergency care facility	No
• Health centre staff	
* Qualified Doctor (Full time)	4
* Qualified Doctor (Part time)	8
* Qualified Nurse (Full time)	6
* Qualified Nurse (Part time)	0

• Facilities like banking, post office, book shops, etc.	No
• Transport facilities to cater to the needs of the students and staff	No
• Facilities for persons with disabilities	No
• Animal house	No
• Power house	No
• Fire safety measures	Yes
• Waste management facility, particularly bio-hazardous waste	Yes
• Potable water and water treatment	No
• Renewable / Alternative sources of energy	Yes
• Any other facility	NA

Hostel Details		
Hostel Type	No Of Hostels	No Of Inmates
* Boys' hostel	1	11
* Girls's hostel	1	31
* Overseas students hostel	0	0
* Hostel for interns	0	0
* PG Hostel	1	2

Institutional preparedness for NEP	
1. Multidisciplinary/interdisciplinary:	We are currently an affiliated institution. As per NEP, affiliated colleges are to be phased out. We are currently in the process of Identifying various disciplines that can be added within the existing area, infrastructure and the government regulations in order to transform into an multidisciplinary Institution. We are also awaiting guidance from the affiliating university to transform into an autonomous status.
2. Academic bank of credits (ABC):	As an when Academic bank of credits is introduced the institution shall implement the system of online management of credits of current students as well as accept credits of other institutions for transferring students based on the rules and regulations set forth the University and Dental Council of India.
3. Skill development:	Vocational training and skill development are an integral part of this Institution. The institution plans to introduce diploma courses offered by the Dental Council of India. The institution continuously conducts seminars and workshops for its students to integrate skills beyond the curriculum laid down by the Dental Council of India and will continue to do so in the future.
4. Appropriate integration of Indian Knowledge	Due to the nature of the COVID Pandemic, the

system (teaching in Indian Language, culture, using online course):	Teaching faculty is trained and apt at teaching online. Integration of the Indian Knowledge system shall be easily possible once guidelines and curriculum is referred to the Institution.
5. Focus on Outcome based education (OBE):	Outcome based education is Integral to Dental Education. Practical training forms majority of the curriculum offered by the institution. All students start working on patients based on the pre-clinical training and theoretical knowledge learned in the classrooms starting from the 3rd year of the BDS program and from the 1st year of MDS program. The Focus on Outcome based education will remain an integral part of this institution.
6. Distance education/online education:	Currently the institution is governed by the rules and regulations laid down by the Dental Council of India. As soon as imparting of the Distance education/online education is introduced by the Dental Council of India or University it will be implemented by the institution. Due to the nature of the COVID Pandemic, the Teaching faculty is trained and apt at teaching online.

QIF

1. Curricular Aspects

1.1 Curricular Planning and Implementation

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

Answer:

Manubhai Patel Dental College is affiliated to M. K Bhavnagar University and follows the curriculum prescribed by the Dental Council of India. The college has set up a teaching and learning committee which does a bi annual review of the curriculum delivery and evaluation. Based on the curriculum, Time Table and the recommendations of the learning and teaching committee all departments make detailed plan of the lectures and practical training programs and continuing dental education programs to be conducted for the academic year. The planning for the academic year is done prior to the starting of each academic year and the delivery is reviewed in the middle of the academic year and prior to final examinations.

File Description	Document
Link for Minutes of the meeting of the college curriculum committee	View Document

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

Answer: 24.59

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
13	13	13	9	9

File Description	Document
Provide scanned copy of nomination letter such BoS and Academic Council From University/ Autonomous college	View Document
Institutional data in prescribed format	View Document

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

Answer: 0

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

Answer: 0

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

Answer: 0

File Description	Document
Institutional data in prescribed format	View Document
Institutional data in prescribed format	View Document

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

Answer: 4.2

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
0	9	0	2	0

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

The institution in its curriculum as prescribed by the Dental Council of India and approved by the University integrates Ethics into the curriculum. Dental professionals like other health professionals have

to face many ethical problems when working. The course integrates introduction to ethics, ethics of the individual, professional ethics and ethics while conducting research. Many books such as Medical ethics by Francis C.M are recommended to the students. All students in the college hospital clinics undergo regular discussions on ethics. The teachers in the clinics are constantly supervising the students with respect to ethical issues.

File Description	Document
Link for list of courses with their descriptions	View Document
Other Upload Files	
1	View Document

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

Answer: 1

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

Answer: 1

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

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

Answer: 16.67

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
12	10	12	11	6

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 100

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

Answer: 55

File Description	Document
Institutional data in prescribed format	View Document
Links to scanned copy of completion certificate of field visits/Clinical / industry internships/research projects/industry visits/community postings from the organization where internship was completed	View Document

1.4 Feedback System

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

1. *Students*
2. *Teachers*
3. *Employers*
4. *Alumni*
5. *Professionals*

Answer: C. Any 3 of the above

File Description	Document
Sample filled in Structured Feedback to be provided by the institution for each category claimed in SSR	View Document
Institutional data in prescribed format	View Document

1.4.2 Feedback on curricula and syllabi obtained from stakeholders is processed in terms of:

Answer: C. Feedback collected and analysed

File Description	Document
Stakeholder feedback report	View Document
Institutional data in prescribed format	View Document

2. Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

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

Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Answer: 66

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
19	12	15	10	10

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

Answer:

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

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

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

Answer: 98.55

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

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
 55 52 55 54 55

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

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
 55 55 55 55 55

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 0.36

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

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
 0 0 1 0 0

File Description	Document
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Institutional data in prescribed format	View Document
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2.2 Catering to Student Diversity

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

The Institution:

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

Answer: E. None of the above

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 1.12

File Description	Document
Institutional data in prescribed format (data Templates)	View Document

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

Answer:

Manubhai Patel Dental College facilitates building and sustenance of innate talent by 3 methods. Firstly, the college celebrates important days such as World Environment Day, World Cancer Day, World Water Day and numerous other international day celebrations through which students are encouraged to participate in drawing competition, poster making competitions, rangoli making competition, drama competition and essay competitions. Every year a number of college students enthusiastically participate and win prizes and certificates. Secondly, the college encourages students to make academic videos of important dental procedures, which on approval are shared on the college youtube channel. Video making involves, scripting, videography, drama, editing, music addition and multimedia management. Thirdly, the college has a Cultural Committee which organizes various competitions and activities such as dance, singing, drama, food, quiz and numerous other activities and competitions throughout the year.

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

2.3 Teaching- Learning Process

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

- *Experiential learning*
- *Integrated/interdisciplinary learning*
- *Participatory learning*
- *Problem solving methodologies*
- *Self-directed learning*

- ***Patient-centric and Evidence-Based Learning***
- ***Learning in the Humanities***
- ***Project-based learning***
- ***Role play***

Answer:

For an institute to produce competent doctors with skill and knowledge there needs to be a shift from the conventional teaching learning methods. This leads to shifting of teacher centric approach to student centric approach. Facilitating adult learning in a way that is efficient and helps in retention of knowledge in students is desired at every institute. In the quest of the same Manubhai Patel Dental College had introduced the concept of interactive learning to our faculty first through a 2 day compulsory teacher training programme in the college in the year 2016.

This helped us in understanding various modes of small group and large group teaching. Integrating various techniques like snowballing, buzz groups, quiz etc. in small group and didactic lectures, student symposium etc. in large group has inspired towards creating more student friendly learning environment.

Moreover, learning in the times of the pandemic has really been affected immensely. Thus the flipped classroom technique was tried during these times to facilitate self directed learning in the pre clinics by the faculty members. Various data in form of videos, suitable articles [usually reviews], power point presentations etc. are provided to the students prior to the online sessions. In the offline mode this acts like an adjunct to physical demonstration, discussion in small groups etc. The knowledge acquired by the students is then assessed and students are given feedback of their performance.

Clinical learning incorporates discussion and demonstrations in small groups on the patient. Students learn by verbal and non verbal communication of the facilitator with the patient. This helps them *apply* and *analyze* the *cognitive* data they have acquired in the pre clinical learning. The clinical performance of final year students is formatively assessed in the final posting.

Lectures are planned ahead of session keeping the learning objectives of every session in mind. This helps in formulating a proper lesson plan for students. The learning objectives are planned in a way to stimulate various levels of Bloom's taxonomy. This helps the faculty members in pushing the students towards better learning and help them in reaching on the top of the Miller's pyramid.

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

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

The Institution:

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

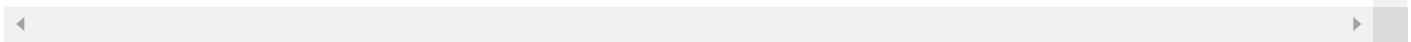
Answer: B. Any three of the above

File Description	Document
Proof of patient simulators for simulation-based training	View Document
Proof of Establishment of Clinical Skill Laboratories	View Document
Institutional data in prescribed format	View Document

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

Answer:

ICT is integral part of Manubhai Patel Dental College. We have integration of Google sites for Education, Google classroom, Google Meet as well as a customized mobile app and software for students and teachers to enable ICT. Google sites for education is used to create webpages of all subjects taught at Manubhai Patel Dental College. The mobile app has been recently custom developed so as to enable student blackboard system, feedback mechanism, leave management, mentee management, library books management. The students and faculty of the college are well trained and using the systems on daily basis. Previously the college has used wufoo forms to as to enable student, faculty requests and leaves.



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

2.3.4 Student :Mentor Ratio (preceding academic year)

Answer: 1.57

2.3.4.1 Total number of mentors in the preceding academic year

Answer: 35

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

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

Answer:

Manubhai Patel Dental College believes that the true potential of students isn't only by formative and summative assessment. True potential is an admix of student passion towards academic and co curricular

activities. It encompasses hidden talent of the student or some field of expertise. At Manubhai Patel we believe that it is important to aid students identify this facet in them and motivate them by providing them with suitable chances. The celebration of various special days in the college with different activities and competitions have paved way for many students to keep their talents alive and kicking. Also each year a group of students contribute towards designing and editing of the college newsletter. Many other activities such as sports (both indoor and outdoor), art like painting, designing, sculpting, singing and do on. Student innovation is seen in competitions such as 'Dental Waste Management' competition. Though the pandemic has pushed down many of such activities, many students still actively participate in writing articles for patients in a dental magazine.

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

2.4 Teacher Profile and Quality

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

Answer: 100

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 24.28

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
13	9	13	11	10

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 6.12

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

Answer: 300

File Description	Document

Institutional data in prescribed format

[View Document](#)

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

Answer: 35.4

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
41	0	0	0	42

File Description	Document
Institutional data in prescribed format	View Document
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	View Document

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

Answer: 4.76

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
3	1	6	1	2

File Description	Document
Institutional data in prescribed format	View Document

2.5 Evaluation Process and Reforms

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

Answer:

Prior to the beginning of each academic year, the Teaching and Learning committee creates the Academic Calendar and the Time Table. As per rules and regulations of the Dental Council of India, Manubhai Patel Dental College conducts 3 internal assessments. Each assessment is conducted at par with University Examinations based on the syllabus that has been covered as the approval of the Internal Examination syllabus by the Teaching and learning committee. Beside internal examinations, chairside viva's, projects and discussions are conducted as a part of the continuous evaluation process at Manubhai Patel Dental College. Due to the Covid Pandemic which had affected the college working during 2020 and 2021 only 2 internal examinations could be conducted based on the offline system. The college maintains a special

email id for submission of the question papers for the examinations. The email Id is controlled by the Dean of the College and printed on the same day as that of the examination. All the Answer sheets of the Internal Evaluations are shown to the students and stored for future reference and Audit.

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

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

Answer:

All grievances, complaints and feedback regarding internal examinations can be sent by the students through the college website portal and app. Besides the online portal, alternately the students are also encouraged to inform their Mentors which in turn is brought to the notice of the Dean through the Menors. The emails and records are maintained by the department of administartion and action in a time-bound manner is taken by the dean of the college within 10 days of receipt after necessary investigations are conducted. However, the college has not received any such grievances related to internal examinations. With respect to the examinations conducted by the University. The University has a separate mechanism to deal with examination related grievances in the form on online forms and rechecking. The guidance with respect to the latest University guidelines are provided to the students by the Department of Administartion.

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

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

Answer:

Manubhai Patel Dental College follows the examination rules of Dental Coucil of India for examinations snf conduct of internal assessments. For the undergraduate BDS programme, there are 3 internal examinations held during the academic year which include theory and practicals. Based on the scoring of the Interl Assessment, internal scores are posted which count towards the Final University Examination. During the Covid Pandemic the process and procedure was altered as teaching and activity was shifted to online. For the Master of Dental Surgery Course, all the students are continuosuly evaluated on their case presentations, Journal clubs, Seminars and Clincial skills through out the study of the course based on which internal marks are alloted to the students.

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

2.5.4 The Institution provides opportunities to students for midcourse improvement of performance through specific interventions

Opportunities provided to students for midcourse improvement of performance through:

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

Answer: C. Any 2 of the above

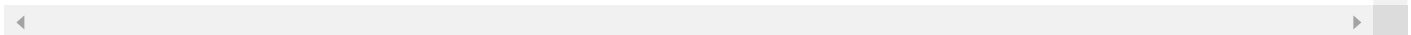
File Description	Document
Institutional data in prescribed format	View Document

2.6 Student Performance and Learning Outcomes

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

Answer:

Manubhai Patel Dental College has stated the learning outcomes (generic and programme-specific) and graduate attributes as per the provisions of Dental Council of India. The University also follows the same criteria as the Dental Council of India. The Dental Council of India syllabus clearly defines the learning outcomes for each subject that is taught in the Syllabus. All the teaching faculty and students are regular orientated and the outcomes are communicated and evaluated on a regular basis.



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

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

Answer: 100

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

Answer:

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

55 52 55 54 55

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

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
55 52 55 54 55

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Manubhai Patel Dental College has stated the learning outcomes as per the provisions of Dental Council of India. The University also follows the same criteria as the Dental Council of India. The Dental Council of India syllabus clearly defines the learning outcomes for each subject that is taught in the Syallabus. All the teaching faculty and students are regulary orientated and the outcomes are communicated and evaluated on a regular basis. Manubhai Patel Dental College conducts assessments in the form of internal examinationa and the affiliating University conducts examinations once a year for all BDS students. While the internal examinations involve only the teachers of the institute, the external University examiners are appointed from outside the college who come and assess the learning outcomes of the students as per the rules and regulations of Dental Council of India. In Case of MDS examinations the examiners are appointed even from outside the state. In essence, the teaching, learning and assessment processes of the Institution are aligned with the stated learning outcomes as defined by the Dental Council of India.

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

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

Answer:

Manubhai Patel Dental College has a well defined and successful Student-Mentor programme. The Mentors are responsible for tracking the attendance, progress, performance as well as provide academic guidance and help to their Mentees. The Mentors also conduct regular interaction with the Parents and request to meet them in every quater of the academic year. As and when required, if the Parents-teacher meetings are scheduled by the Mentors. With referencce to Remedial measures and outcomes, the Mentors of the college provide monthly reports of their Mentees to the Menor Committee. As and when remedial measures are required, the Mentor committee takes needful initiate in consultation with the Dean of the College.

File Description	Document
Link for follow up reports on the action taken and outcome	View Document

analysis.	
Link for any other relevant information	View Document
Link for proceedings of parent –teachers meetings held during the last 5 years	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Answer:

3. Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Answer: 0

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

Answer:

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

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 0

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

Answer:

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

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 10

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	7	1	2

File Description	Document
Institutional data in prescribed format	View Document

3.2 Innovation Ecosystem

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

Answer:

Manubhai Patel Dental College has an ecosystem for innovation. Students at all levels including Undergraduates are encouraged to innovate. The college has a Research committee which sets the rules and regulations in line with the guidelines of the Indian Council for Medical Research. While research is an integral part of the curriculum of Dental Council of India for the Post graduate students, it is not the same for the undergraduates. However, Manubhai Patel Dental College encourages research at under graduate research by encouraging the students to approach the undergraduate research director for help and guidance as well as allowing them to become part of research study taken up by the teachers of Manubhai Patel Dental College.

File Description	Document
Link for details of the facilities and innovations made	View Document

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

Answer: 3

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	0	0	1

File Description	Document
Institutional data in prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 The Institution ensures implementation of its stated Code of Ethics for research.

The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following:

- 1. There is an Institutional ethics committee which oversees the implementation of all research projects*
- 2. All the projects including student project work are subjected to the Institutional ethics committee clearance*

3. *The Institution has plagiarism check software based on the Institutional policy*
 4. *Norms and guidelines for research ethics and publication guidelines are followed*

Answer: B. Any 3 of the above

File Description	Document
Institutional data in prescribed forma	View Document

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

Answer: 0.38

3.3.2.1 Number of Ph.D.s /DM/M Ch/PG degrees in the respective disciplines received per recognized PG teachers of the Institution during the last five years.

Answer: 5

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

Answer: 13

File Description	Document
Institutional data in prescribed format	View Document

3.3.3 Average number of papers published per teacher in the Journals notified on UGC -CARE list in the UGC website/Scopus/ Web of Science/ PubMed during the last five years

Answer: 0

File Description	Document
Institutional data in prescribed forma	View Document

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

Answer: 0

File Description	Document
Institutional data in prescribed format	View Document

3.4 Extension Activities

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

Answer: 227

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
8	34	53	71	61

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 100

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
55	52	55	54	55

File Description	Document
Institutional data in prescribed forma	View Document

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

Answer:

Manubhai Patel Dental College has not received any awards or recognitions for extension and outreach activities from Government or other recognized bodies during the last five years. Manubhai Patel Dental College has noted this activity as an important activity to start starting academic year 2022 and will identify how the students and teachers of the college may get involved with extension and outreach activities. Manubhai Patel Dental Colleges' department of community dentistry does conduct educational programs in schools as well as dental check up and treatment camps in Vadodara and rural areas around vadodara.

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

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

Answer:

Manubhai Patel Dental College is an exclusive college for Dentistry. As a part of the curriculum of the Dental Council of India as well as institutional social responsibility, the college is continuously conducting dental hygiene, dental check up and treatment camps in and around Vadodara city. An average of 4 camps per month are conducted the students of Manubhai Patel Dental College. The college also has a mobile dental clinic with presentation aids for conducting such activities. Moreover the college provides subsidized dental treatment to an average of 300 patients every day through the dental hospital on the main campus as well as through a satellite dental clinic.

File Description	Document
Link for details of Institutional social responsibility activities in the neighbourhood community during the last 5 years	View Document

3.5 Collaboration

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

Answer: 0.2

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	1	0	0

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 2

3.5.2.1 Number of functional MoUs/linkages with Institutions/ industries in India and abroad for academic, clinical training / internship, on-the job training, project work, student / faculty exchange, collaborative research programmes etc. for the last five years

Answer: 2

File Description	Document
Institutional data in prescribed format	View Document

4. Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

Answer:

Manubhai Patel Dental College & Hospital, Vadodara, has state of the art infrastructure which provides the students with all the possible opportunities to learn and acquire knowledge.

There are ICT facilities are available in classrooms and seminar halls for Post Graduate Students with projectors and Internet facilities. Each of these classrooms is equipped with Projectors and Air-Conditioned. Continuous updating of all the facilities is done to provide clinically-oriented and technologically advanced learning. Digital Dental Radiographic facilities like IOPA, OPG, RVG are available. Dental Microscopes, Hard and Soft tissue lasers, various Implant surgical equipments, Orthodontic software, are made available for the students. Sterilization Committee has made the Sterilization protocols which is to be maintained at higher clinical standard. An In-house made patient management software takes care of the patient documentation and planning for comprehensive management of patient needs.

The institution has satellite clinics, in the heart of the City, to provide oral health care. The college has a fully equipped mobile Dental van with 2 dental chairs and other instruments to facilitate for the fore mentioned vision. There are laboratories in various departments which help the students to improve their practical skills. Well-equipped Pre-Clinical laboratories with Phantom Heads are provided in Conservative Dentistry department to enable the Undergraduate students to learn and train properly with hands on experience before attending patients. Prosthodontic Department laboratory, histopathological laboratory and clinical laboratory are used for the patient care. The entire college is Wifi enabled.

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

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

Answer:

Manubhai Patel Dental College provides Sports facilities for its students & staff members. The college has a huge Cricket ground, basketball court, Volleyball court and Badminton court which is utilized by the students every day to play. The Students committee organizes various matches at the courts which is played by all students and staff on regular basis.

The Faculty, Parastaff and Students practices and plays cricket at the college professional cricket ground regularly. The college has facilitates for students with a variety of indoor games such as Chess, Carrom and Table Tennis. A separate Gymnasium is build for its students

The outdoor and the indoor games are a part of the college cultural programs and sports day. The students have bagged prizes in various indoor game competitions held during the Sports month that is celebrated every year.

The college also has an Cricket team of Students and Faculty Members which represents at various games organized by different colleges in the state.

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

4.1.3 Availability and adequacy of general campus facilities and overall ambience

Answer:

Manubhai Patel Dental College is based in a 6.21 acres campus comprising of Main Building and Dental Hospital, Girls and Boys Hostels, Canteen, Dean Residence and Staff Quarters. Besides the buildings the rest of the area includes a Cricket Ground, Volley Ball court and Parking Area. Every building has an excellent ambience and the entire campus is full of trees, plants and grass. The campus has been designed for running a dental college and all the general facilities within the campus have been designed taking into account the rules and regulations of the Dental Council of India. The college has gone through numerous inspections by the teams of Dental Council of India since the last 22 years who have certified the basic adequacy of the facilities on the campus. However, Manubhai Patel Dental College has gone beyond in various areas by providing additional facilities such as those for sports. In its endeavour to make the environment safer, the college has also invested in Solar energy plant.

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

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

Answer: 12.62

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
72.62	86.85	19.79	38.57	84.72

File Description	Document
Institutional data in prescribed format	View Document

4.2 Clinical, Equipment and Laboratory Learning Resources

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

Answer:

Manubhai Patel Dental College was established in the year 1999 and recognized for undergraduate BDS course in the year 2004 and for the post graduate MDS course in 2015. The regulating body Dental Council of India has conducted numerous inspections since 1999 to ensure and certify that Manubhai Patel Dental College has adequate teaching hospital, adequate patients, adequate equipment and also adequate lab facilities for training of the BDS and MDS students. Moreover, the college while maintaining the standards of the regulatory body also believes in advancing with the world and invests in new

equipment, software and methods as and when requested by any of the departments of the college or determined by the dean of the college.

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

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

Answer: 61235.6

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
45496	23692	73233	80269	83488

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

Answer:

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

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 243

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
200	200	200	200	200

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

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
42 41 44 43 45

File Description	Document
Institutional data in prescribed format	View Document

4.2.4 Availability of infrastructure for community based learning

Institution has:

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

Answer: C. Any two of the above

File Description	Document
Institutional prescribed format	View Document

4.3 Library as a Learning Resource

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

Answer:

The central library of Manubhai Patel Dental College is integrated with SOUL 2.0 which is an integrated Library Management system. SOUL software includes the following features : It is compliant to International Standards such as MARC21, AACR-2, MARCXML. It supports cataloguing of electronic resources such as e-journals, e-books, virtually any type of material in the library. It also supports requirements of digital library and facilitate link to full-text articles and other digital objects. It has an easy to use interface and supports lending and reporting activities needed in a modern institution. SOUL software is one of the best available softwares in India for library management and is used by over 3800 colleges and universities across india. Besides SOUL the college also has app for the students where the students can book books, check dates of return and also see the history of their borrowings.

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

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

Answer:

The central library of Manubhai Patel Dental College has 1085 books and e-books related to medical and dental subjects for issue and reference of the students Besides books the library also maintains printed journals and e-journals for research purposes and is able to boasts journals as old as 20 years in its collection. Manubhai Patel Dental College is a specilazed institution of Dentistry and has few books

related to other disciplines including ancient indian languages or other special reports which are unrelated to medical or dental sciences. However, in view of the benefits of having the same, the college intends to procure a few books apart from the dental or medical sciences for the overall benefit of the students.

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

4.3.3 Does the Institution have an e-Library with membership / registration for the following:

1. e – journals / e-books consortia

2. E-Shodh Sindhu

3. Shodhganga

4. SWAYAM

5. Discipline-specific Databases

Answer: E. Any one of the above

File Description	Document
Institutional data in prescribed sormat	View Document

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

Answer: 6.69

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
0	8.26	7.21	9.24	8.75

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Manubhai Patel Dental College gives all relevant information and training with respect to usage of the library facilities during the orientation program at the start of the year for each academic year. Moreover, each student of the college is assigned a Mentor whom the student can approach with reference to any help including that required for the usage of any library facility. Apart from that, the college also has a

Library advisory committee which includes at least 1 member from all academic years. The students in the library advisory committee are contact points of the students for any matter of grivance or help with respect to the library facilities.

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

4.3.6 E-content resources used by teachers:

1. NMEICT / NPTEL

2. other MOOCs platforms

3. SWAYAM

4. Institutional LMS

5. e-PG-Pathshala

Answer: Any Two of the above

File Description	Document
Institutional data in prescribed format	View Document

4.4 IT Infrastructure

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

Answer: 100

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

Answer: 9

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

Answer: 9

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Manubhai Patel Dental College has numerous computers and state of the art WIFI infrastructure through out the main building including the libraries of the college. The college has been maintaing updated systems and updates its IT hardware facilities as when required based on feedback of the user. In the last

20 years of operations the college has been continuously updating its Internet connection speed and currently has 20 mbps leased line connectivity which is sufficient for 245 student capacity in the undergraduate and post graduate course.

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

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

Answer: <50 MBPS

File Description	Document
Institutional data in prescribed format	View Document

4.5 Maintenance of Campus Infrastructure

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

Answer: 7.45

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
31.84	48.07	42.99	31.75	21.87

File Description	Document
Institutional data in prescribed format	View Document

4.5.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports facilities, computers, classrooms etc.

Answer:

Manubhai Patel Dental College has separate policies for usage of facilities for Undergraduate BDS students and for Post graduate MDS students. At the beginning of each academic calendar year, a time table is established by the Teaching and Learning committee based on which the BDS students are allotted use of classrooms, labs and clinics. The central library, sports facilities and computer room is available for use upto 11 pm at night for the undergraduate students. The policy for post graduate students differs due to the requirement of Labs post clinical hours. The MDS departments have their own seminar halls, library, PG room and labs which can be availed by the students and faculty upto 9:00 pm at night. The policy of use shifts as per the feedback and recommendation of the Head of the Department and decision is taken by the Dean of the College.

File Description	Document

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

5. Student Support and Progression

5.1 Student Support

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

Answer: 23.27

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
18	14	12	10	9

File Description	Document
Institutional data in prescribed format	View Document

5.1.2 Capability enhancement and development schemes employed by the Institution for students:

1. Soft skill development
2. Language and communication skill development
3. Yoga and wellness
4. Analytical skill development
5. Human value development
6. Personality and professional development
7. Employability skill development

Answer: D. Any one of the above

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 95.94

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

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
55 50 51 51 53

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Manubhai Patel Dental College closed the International student cell in the year 2016 after the implementation of NAAC. Till 2016 Manubhai Patel Dental College was able to enroll international students under the NRI quota. However, as the the change of regulations of NRI quota and as per the order of the Supreme Court, only NRI holding Indian passports can take admission to the college for the BDS and MDS courses. Hence the college has not has enrollment of International students since. Earlier, the student cell was responsible for helping international students help including ticketing, visa, residence, food, academic guidance and any other help to facilitate the study of incoming international for study to Manubhai Patel Dental College.

File Description	Document
Link for international student cell	View Document
Link for Any other relevant information	View Document

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

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

Answer: All of the above

File Description	Document
Institutional data in prescribed format	View Document

5.2 Student Progression

5.2.1 Average percentage of students qualifying in state/ national/ international level examinations during the last five years

(eg:GATE/AICTE/GMAT/GPAT/CAT/NEET/GRE/TOEFL/PLAB/USMLE/AYUSH/Civil Services/Defence/UPSC/State government examinations/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.)

Answer: 100

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
3	5	2	3	2

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
3	5	2	3	2

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 100

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
54	53	55	55	55

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 9.26

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

Answer: 5

File Description	Document
Institutional data in prescribed format	View Document

5.3 Student Participation and Activities

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

Answer: 0

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

the last five years .

Answer:

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

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

While the college does not have an elected Student Council, each academic year has a Class Representative who is appointed by Dean based on academic performance of the Student. Students of Manubhai Patel Dental College are an integral part of the College Cultural Committee, Anti-ragging committee, Library advisory committee. The College Cultural committee is nominated volunteers from the internship batch of the students of Manubhai Patel Dental College. The committee holds cultural and sports programs for the students of the college every year. The Anti-ragging committee is responsible for preventing ragging in the college, The Library advisory committee is responsible for considering library matters and give feedback to the Academic and Executive Council of the college.

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

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

Answer: 4.8

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
0	6	6	6	6

File Description	Document
Institutional data in prescribed format	View Document

5.4 Alumni Engagement

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

Answer:

Manubhai Patel Dental College has an Alumni Association and encourages Alumni to take leadership roles to as to have a vibrant Alumni Association. However, the Alumni Association of the college is still in its nascent stage unavailability of contact data of the students who have graduated from Manubhai Patel Dental College. At the current stage the college is actively collecting the current contact data of all its students who have shifted out of their parents home or moved abroad. The deadline for this activity is June 2022. Once the data is current, the college intends to send out election notice for the leadership team of the alumni association who will then take forward the Alumni Association and its developmental activities.

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

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

1. *Financial / kind*
2. *Donation of books /Journals/ volumes*
3. *Students placement*
4. *Student exchanges*
5. *Institutional endowments*

Answer: E. Any one of the above

6.Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The Institution has clearly stated vision and mission which are reflected in its academic and administrative governance.

Answer:

Vision Statement - "Manubhai patel dental college will be the most responsible and respected entity in dentistry by advancing excellence in dental education, dental research and health care."

Mission -

- To serve our students by providing them with the best possible facilities and faculty for a complete education.
- To contribute in creating and publishing original research by our faculty and students by providing them access to research materials and funds.
- To serve the society by providing them with low cost treatment and ensuring quality services from our doctors and students.

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

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

Answer:

Manubhai Patel Dental College has always believed in decentralization and participative management. The college has various committees such as the IQAC, Teaching and Learning Committee, Anti Ragging Committee, Library Advisory Committee, Cultural and Sports committee, Ladies Grievance Cell and Mentor committee that have various important roles in the management of academics and student welfare in the college. While the head of the institution is the Dean of the College, the heads' of each dental department play an important role helping the dean run the academics within the college.

File Description	Document
Link for relevant information / documents	View Document

6.2 Strategy Development and Deployment

6.2.1 The Institutional has well defined organisational structure, Statutory Bodies/committees of the College with relevant rules, norms and guidelines along with Strategic Plan effectively deployed

Answer:

Manubhai Patel Dental College has a well defined organisation structure. The college has various committees such as the IQAC, Teaching and Learning Committee, Anti Ragging Committee, Library Advisory Committee, Cultural and Sports committee, Ladies Grievance Cell and Mentor committee that have various important roles in the management of academics and student welfare in the college. While the head of the institution is the Dean of the College, the heads' of each dental department play an important role helping the dean run the academics within the college as per the rules and regulations of the Dental Council of India.

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

6.2.2 Implementation of e-governance in areas of operation

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

Answer: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document

6.3 Faculty Empowerment Strategies

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

Answer:

Manubhai Patel Dental College has welfare measures for the teaching and non teaching staff which include fifty percent discount on dental treatment for all employees and students including their next of kin. Manubhai Patel Dental College also provides long term interest free loans to its employees. During diwali the employees are given bonus and money to help with buying books for their children. The College also celebrates various programs such as International Womens day with the lady students and staff members of the college.

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

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

Answer: 8.82

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
0	5	5	7	3

File Description	Document
Institutional data in prescribed format	View Document

6.3.3 *Average number of professional development / administrative training programmes organized by the Institution for teaching and non- teaching staff during the last five years*

(Continuing education programmes, entrepreneurship development programmes, Professional skill development programmes, Training programmes for administrative staff etc.,)

Answer: 17.8

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

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
4 0 0 0 85

File Description	Document
Institutional data in prescribed format	View Document

6.3.4 Average percentage of teachers undergoing Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the last five years..

Answer: 0

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

Answer:

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

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Manubhai Patel Dental College has a Performace Appraisal System for teaching and non-teaching staff. For the teaching staff the college has an annual evaluation form and marking sheet which includes evaluation of Evaluation of their communication skills, Knowledge of subject, Teaching methods and classroom management, Personality and poise, Clinical work, Research activity, Conferences and awards and administrative responsibilities. Evaluation is conducted annually for the teaching faculty by their Head of the Department and the Head of the departments' are evaluated by the Dean of the College. All non-teaching staff have designated heads' who evaluate them on an annual basis based on evaluation of their attitude, handling of their duties, skills and knowledge. The designated heads are evaluated by the Head of Operations.

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

6.4 Financial Management and Resource Mobilization

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

Answer:

Manubhai Patel Dental college strategies for mobilisation of funds and the optimal utilization of resources at all times. The Finance Head and Head of Operations in consultation with the Dean of the college participate in annual budgeting and monthly rolling budgeting based on actual flow of funds. The Dean of the college in consultation with the head of the departments finalizes the resources for each department. All expenses are approved through a thorough process which involves purchase order and work order approval, goods received notes and billing approval. The utilization of funds is audited regularly by the trust committee and annually by external auditors of the college.

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

6.4.2 Institution conducts internal and external financial audits regularly

Answer:

Manubhai Patel Dental College conducts regular internal and external audits. The internal audits are conducted by the Trustees of R F Gandhi AK Trust which runs Manubhai Patel Dental College who then approve the trial balance sheet during the meetings of the Trust. The Trustees have also appointed Talati & Talati Chartered Accounts who are distinguished Chartered Accountants in the state of Gujarat and have a presence in Multiple states. The External auditors audit the accounts of the college by physically visiting the premises with their team and checking all account related documentation and software entries. Once checked the audited accounts of the college are stamped by the company and the returns are filed.

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

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

Answer: 0

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

Answer:

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

File Description	Document

Institutional data in prescribed format

[View Document](#)

6.5 Internal Quality Assurance System

6.5.1 Institution has a streamlined Internal Quality Assurance Mechanism

Answer:

Manubhai Patel Dental College has streamlined Internal Quality assurance mechanism. The Internal Quality assurance cell has been formed in pursuance of quality control and assurance and accreditation and is complimented in additional capacity with the role of the executive council of the college due to the college being of a small size. The Internal Quality assurance cell gets regular reports from the Teaching and Learning Committee, Research Committee, Academic Council, Anti ragging committee, Ladies Grievance and prevention of Sexual Harassment Cell, Library Advisory Committee, Mentor Committee, CDE Committee, Cultural committee, Infection control committee and the Dean Committee. The IQAC forms policies, monitors, audits, approves the reports and suggests action plan to the committees and the Dean and the management of the institute. The mechanism is streamlined and successful.

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

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

Answer: 1.63

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

Answer:

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

File Description	Document
Institutional data in prescribed format	View Document

6.5.3 The Institution adopts several Quality Assurance initiatives

The Institution has implemented the following QA initiatives :

1. Regular meeting of Internal Quality Assurance Cell (IQAC)

2. Feedback from stakeholder collected, analysed and report submitted to college management for improvements

3. Organization of workshops, seminars, orientation on quality initiatives for teachers and administrative staff.

4. Preparation of documents for accreditation bodies (NAAC, NBA, ISO, NIRF etc.)

Answer: B. Any three of the above

File Description	Document
Institutional data in prescribed format	View Document

7. Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Total number of gender equity sensitization programmes organized by the Institution during the last five years

Answer: 0

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

Answer:

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

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Manubhai Patel Dental College believes in gender equality for women. In fact the student female to male ratio in the college is approximately 80:20. The college has an established lady grievance cell and easy reporting tools for all women students and faculty with respect to any grievance. The college girls hostel has a well established safety and security system including lady security staff for day and night security. Manubhai Patel Dental College also maintains separate common rooms for male and female students.

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

7.1.3 The Institution has facilities for alternate sources of energy and energy conservation devices

1. Solar energy

2. Wheeling to the Grid

3. Sensor based energy conservation**4. Biogas plant****5. Use of LED bulbs/ power efficient equipment**

Answer: D. Any two of the above

File Description	Document
Institutional data in prescribed format	View Document

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

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

Answer:

Manubhai Patel Dental College has a robust biomedical waste management system in the dental hospital. All the medical waste is collected based on well established rules in color coded bins. Regular orientation and discussions are taken for the students by the teaching staff. Moreover, as an additional measure posters are put near the bins to help students decide the waste bin for disposal of medical waste. Regular audit is conducted by the Superintendent of the hospital to ensure proper disposal of Bio medical waste in color coded bins. All bins are emptied and segregated in the Bio Medical Waste room and is picked by government authorized agency known as Quantum Engineers Vadodara, who will take responsibility of further process of Biomedical waste disposal.

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

7.1.5 Water conservation facilities available in the Institution:

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

Answer: Any Two of the above

File Description	Document
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Institutional data in prescribed format

[View Document](#)**7.1.6 Green campus initiatives of the Institution include**

1. *Restricted entry of automobiles*
2. *Battery-powered vehicles*
3. *Pedestrian-friendly pathways*
4. *Ban on use of plastics*
5. *Landscaping with trees and plants*

Answer: D. Any two of the above

File Description	Document
Institutional data in prescribed format	View Document

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

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

Answer: D. Any two of the above

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

In Manubhai Patel Dental College & Hospital the students comes from various cultural, social, economical, and educational backgrounds. The orientation program conducted, is not only for students, but also for their parents so that they are amalgamated to overcome the differences through various measures.

Students are given equal opportunities to showcase their talents and to participate in all activities at educational, Sports and at Cultural event. To eliminate any communal, cultural, and regional insecurities of the student, each candidate is motivated to participate in cultural and co-curricular activities that are designed around the academic year by the college committees.

Every student is given an Arpon with college Logo and ID card that allow's them to access all the facilities at college premises. The college has framed a well-defined Code of conduct to be followed on the campus. It is included in the student handbook and uploaded to the website. T

The Institution is located in the heart of the city and is the most accessible dental specialty hospital in Vadodara. Manubhai Patel Dental College & Hospital takes pride in taking care of the dental needs of the

majority of the needy population around the city because of its strategic location.

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

7.1.9 Code of conduct handbook exists for students, teachers and academic and administrative staff including the Dean / Principal /Officials and support staff.

1. The Code of conduct is displayed on the website

2. There is a committee to monitor adherence to the code of conduct

3. Institution organizes professional ethics programmes for students, teachers and the academic and administrative staff

4. Annual awareness programmes on the code of conduct are organized

Answer: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Information about the committee composition number of programmes organized etc in support of the claims	View Document
Web link of the code of conduct	View Document

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

Answer:

Manubhai Patel Dental College celebrates and organizes many national and international commemorative days and festivals within the college. Each Dental department of the college is assigned International days of celebrations around which the departments organise, as a part of creating awareness amongst the public and students, competitions, posters and presentations in Dental hospital, plays or other imaginative items on the international or national commemorative day and also give our certificates and gifts to winners of the competitions. Moreover the College Cultural Committee plans and organises events for the students around festivals such as Utrayan(kite) , Holi, Garba, Diwali, Christmas and other important festivals celebrated in India.

File Description	Document
Link for additional information	View Document

7.2 Best Practices

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

Answer:

BEST PRACTICE 1 -

TITLE OF PRACTICE - Detailed Yearly Academic Planning

Objectives of the Practice :

Manubhai Patel Dental College believes in thorough planning and rolling planning system that can be monitored well. The objectives of of this practice are :

1. Systematic achievement of completion of syllabus.
2. Well planned lectures and teaching by virtue of advance teaching plans.
3. Professional approach to teaching, learning and evaluation.

The Context : In 2010, the Teaching and Learning Committee noticed that while the teaching activity of the institute ensured that the syllabus was completed as per the rules of the Dental Council of India, it was observed that teaching activity at the start of the year was slow and casual and towards the end of the year was fast and brush through. There were also issues where the syllabus for the internal examinations was declared just a few days before the examinations due to which the students were facing problems in examination preparations.

The Practice :

1. Prior to the beginning of each academic session all the department heads are given the Teaching time table, latest syllabus, examination schedule of the year, student posting data and asked to submit subject wise the detailed academic date wise lecture plan, practicals plan, syllabus for the internal examinations for each subject and work quota for students. The data will be detailed to include the name of the lecturer and the topic to be taken by the lecturer.
2. All data is submitted by the Department Heads and reviewed by the Dean for any changes.
3. Once approved. All the Data is uploaded to the College website on the individual department webpages, including the google calender of the department so that the students and the faculty can refer.

Evidence of Success :

The practice has brought tremendous professionalism to the departments of the college and made life simpler for the students of the institute. The lectures are able to plan all their lecture topics in advance and in a thorough manner. While the students can not be prepared for lecture topics as well be sure about the examination syllabus. All the faculty adhere to the schedule which is monitored by the Teaching and Learning Committee.

Problems Encountered and Resources Required :

During the practice, some problems were encountered due to unexpected leaves of staff on the dates of their scheduled duties. As a result a strict protocol for leaves was put in place such that, prior to the approval of leave, a thorough explanation is sought about delegation of duty and lectures during leaves to as not to affect the schedule of the teaching activity at the institute.

BEST PRACTICE 2 -

TITLE OF PRACTICE : Maximum use of Information Technology to Compliment Student, Staff Experience, Patient experience and student reporting.

Objectives of the Practice :

Manubhai Patel Dental College believes in ease of documentation, utility and optimal efficiency for its operations, student and faculty experience.

1. To simplify academic information availability to students and staff such as lecture ppts, seminars, case presentations, e-journals, syllabus, past examination papers and results.
2. To simplify document requests, grievances and misc requests of students, staff and alumni.
3. To simplify attendance and its reporting by the faculty.
4. To simplify accessing student data for the Mentors of the institute.
5. To simplify timely Library book booking, issue and return and deadlines.
6. To simplify patient management and reporting for the dental hospital.
7. To simplify the procurement of materials and Hospital Department material.
8. To have a e-system for feedback and reporting.
9. To simplify management of maintenance related complaints, fixed asset transfer and gate pass management.
10. To save paper and to protect our trees.

The Context : In 2010, the management team of the college decided to tackle the problems of endless paperwork, lack of optimal on hand information and reporting through the use of customized software systems and app in line with the objectives mentioned above. The systems in place prior to implementation caused a lot of delays in work and could not produce the automated reporting. Hence, and IT committee headed by the Dean spearheaded the identification and development of IT systems to reach the requisite objectives.

The Practice :

Since 2010, Manubhai Patel Dental College has been constantly upgrading its IT systems thorough customized development of software and app or procurement. Manubhai Patel Dental College uses Google Apps for education to simplify academic information availability to students and staff such as lecture ppts, seminars, case presentations, e-journals, syllabus and past examination papers. Manubhai Patel Dental College uses wufoo forms to simplify document requests, grievances and misc requests of students, staff and alumni and Survey monkey as e-system for feedback and reporting. The College Customized ERP and app allows simplify attendance and its reporting by the faculty , Library book booking, issue and return, to simplify accessing student data for the Mentors of the institute, Result reporting, student and staff information and document management, simplify the procurement of materials and Hospital Department material, simplify management of maintenance related complaints, fixed asset transfer and gate pass management and to simplify patient management and reporting for the dental hospital

Evidence of Success :

The Evidence of success is clear, there are no students waiting in line for any work and no staff running around to get their leaves approved. The redundancy of work has reduced. Any academic information a student requires is available online. Any request or grievance can be done through their apps. Hospital patients with their barcoded case papers need not waste their time or wait too long. Sms reminders to the patients for their appointments and daily email to doctors with their appointed patient list has made their work management easier. All maintenance issues and material requests are resolved within a reasonable time.

Problems Encountered and Resources Required :

During the practice, some problems were encountered due to the technological communication gap with the software development team due to the Dean having a medical background.. However, with time and effort the gap has reduced and the system development is continuously upgrading.

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

7.3 Institutional Distinctiveness

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

Answer:

Manubhai Patel Dental College has put priority and thrust in research and research publications since it implemented the Master of Dental Surgery program in the year 2012. In a very short span of time, the faculty and students have produced wonderful results with research from Manubhai Patel Dental College being published in numerous international and national journals. Research and poster presentations in various conferences across India have won accolades and prizes. The students and faculty on numerous occasions have collaborated with other institutes in research and publications. Manubhai Patel Dental College continues to provide thrust in research as well as entertains fund request for research activity.

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

8. Dental Part

8.1 Dental Indicator

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

Answer: 75.99

8.1.1.1 Institutional mean NEET percentile score

Answer: 75.99

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Manubhai Patel Dental College ensures adequate training for the students for both the BDS and MDS programs. The BDS students enter the Clinical departments in the 3rd year only after adequate preclinical training in the preceding 1st and 2nd years. The same is true for the MDS courses. The students of the MDS course enter the clinics only after going through 6 months of rigorous pre clinical training. The preclinical labs are located across the main campus and includes labs for Dental Material training, Oral Pathology training, Medical subject training, Dental Histology, Dental Anatomy, Phantom head lab for pre clinical training.

File Description	Document
Geo tagged Photographs of the pre clinical laboratories	View Document

8.1.3 Institution follows infection control protocols during clinical teaching

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

Answer: B. Any 4 of the above

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Orientation is conducted for all the students who are admitted to the College as well as every year when the students are graduating to a next academic year. The management, department heads as well as all subject teachers are involved in the orientation process. The orientation involves the discussion student code of conduct, about the institution, subject syllabus, Mentor allotment and examination information.

File Description	Document
Orientation circulars	View Document

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

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

Answer: C. Any 3 of the above

File Description	Document
Institutional data in prescribed format	View Document

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

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

Answer: A. Any 5 of the above

File Description	Document
Institutional data in prescribed format	View Document

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

Answer: 0

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

Answer:

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

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

The institute conducts examinations as per the guidelines of the Dental Council of India. Prior to the University examination, in a regular year at least 3 internal examination are conducted by the college to measure clinic competencies of the BDS students followed by University examination which include external examiners who attest and grade the clinical skills of the students. For the Interns of the college, regular vivas and on patient discussions and clinical grading is conducted by the teachers in the departmentents where the students are posted.

File Description	Document
Geotagged photographs of the objective methods used like OSCE/OSPE	View Document

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

Answer: 59.57

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

Answer:

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

8.1.9.2 Number of first year Students admitted in last five years

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
55	52	55	53	55

File Description	Document
Institutional data in prescribed format	View Document

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

Answer:

Manubhai Patel Dental College & Hospital has established the goals and abilities established by DCI as learning goals and attributes for both BDS and MDS programs and has uploaded the same on the website. MPDC's pedagogical approach aims to provide education that improves knowledge, skills and attitudes. This allows for integrated overall development at the personal and professional level and carefully implements the same by a structured and well planned teaching-learning process. The Teaching and Learning Committee prepares timetables year-wise and the departments prepare Teaching schedules and Lesson plans. All departments adhere to the schedule and ensure that the curriculum is completed in time. Apart from conventional teaching methods such as chalk & talk, and Didactic lectures, PPT and Video presentations are followed for lecture delivery.

In the practical training, students are first trained in a preclinical laboratory using a model and a phantom head to master dental skills before entering the clinical department. Upon entering the clinic, teachers will guide the clinic until they are confident enough to deal with the patient and the actual situation. Students can gain hands-on experience in all aspects of sterility and infection control, as well as clinical dentistry. Problem-solving and patient-oriented learning are also useful for diagnosis, treatment planning, and scientific evaluation. Integrated interdisciplinary education helps to comprehensively plan and treat patients.

College conducts 3 internal assessments. Various parameters are set which assess the core competencies of a dental graduate. The written exam evaluates the knowledge of the students while practical exam evaluates the knowledge, skill and attitude of the students. A minimum of 50% in each is considered a pass. University Examination is conducted at the end of each year for theory, practical, and viva and upon completion of the undergraduate training program, graduates will acquire the specified abilities and be able to start courier as a dentist.

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

Answer: 1.91

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
71	98	110	131	107

File Description	Document
Institutional data in prescribed format	View Document

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

Manubhai Patel Dental College & Hospital is constantly improving the teaching skills of its teachers and believes that it is an important element of the dentist and his education system. The teacher training program was implemented as part of various college management activities. Teacher training programs are designed to improve teaching methods so that knowledge can be passed on to students and the quality of learning can be improved.

At our college, all faculty members are responsible for all educational processes. We strive to systematically plan the implementation of the curriculum. This is done by sending an email at the beginning of each academic year as a reminder to plan an academic calendar for the whole year.

College ensures continuous quality improvement in education, learning and evaluation. The faculty are well trained to formulate teaching methods in an interdisciplinary way and help keep up with current trends in dental education through educational workshops and conferences.

Regular and annual orientations are conducted for promoted students of review courses are seen by our faculty as an integral part of our faculty development program.

In this way, teacher training plays an important role in promoting academic excellence and innovation that leads to a high level of satisfaction and improved teaching skills.

Extended Profile**Students*****Number of students year-wise during the last five years*****Answer:**

2020-21	2019-20	2018-19	2017-18	2016-17
55	52	55	54	55

File Description	Document
Institutional data in prescribed format(Data templ	View Document

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
54	53	55	55	55

File Description	Document
Institutional data in prescribed format(Data templ	View Document

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
55	52	55	53	55

File Description	Document
Institutional data in prescribed format(Data templ	View Document

Teachers

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
49	48	45	44	45

File Description	Document
Institutional data in prescribed format(Data templ	View Document

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
49	48	45	44	45

File Description	Document
Institutional data in prescribed format(Data templ	View Document

Institution

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

Answer:

2020-21	2019-20	2018-19	2017-18	2016-17
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447.38 493.49 458.21 478.59 501.78

File Description	Document
Institutional data in prescribed format(Data templ	View Document

Conclusion

Additional Information :

Manubhai Patel Dental College strives to become the best institute in the country even under the difficult time the Dental Education institutes are facing across the country.

Concluding Remarks:

Manubhai Patel Dental College is a currently small institute with 40 seats in the BDS program and 15 seats in the MDS program. The education at Manubhai Patel Dental College is regulated by the Dental Council of India and all examinations are conducted by the affiliating University. The IQAC at the college is currently studying the new National Education Policy (NEP) 2020 released by the Government of India. Manubhai Patel Dental College will pursue the NEP and strive to become an autonomous institute with multidisciplinary courses.

EXCLUDED METRICS

No Metrics are Excluded

ANNEXURE