

## **The Annual Quality Assurance Report (AQAR) of the IQAC**

*(For Affiliated/Constituent Colleges)*

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

### **Part – A**

#### **Data of the Institution**

*(data may be captured from IIQA)*

1. Name of the Institution : Manipal College of Dental Sciences, Manipal

- Name of the Head of the institution : Dr. Keerthilatha M Pai
- Designation : Dean
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no. : +918202922340/+918202922063
- Mobile no. : +919845637938
- Registered e-mail : office.cods@manipal.edu
- Alternate e-mail : keerthilatha.pai@manipal.edu
- Address : Madhav Nagar
- City/Town : Manipal
- State/UT : Karnataka
- Pin Code : 576104

## 2. Institutional status:

- Affiliated / Constituent : Constituent
- Type of Institution : Co-education/Men/Women Co-Education
- Location : Rural/Semi-urban/Urban: Semi-urban
- Financial Status : Grants-in aid/ UGC 2f and 12 (B)/ Self financing  
(please specify) : Self-financing
- Name of the Affiliating University : Manipal Academy of Higher Education
- Name of the IQAC Co-ordinator : Dr. Kishore Ginjupalli
- Phone no. : +918202922925
- Mobile : +919448251849
- IQAC e-mail address : iqac.cods@manipal.edu
- Alternate Email address : quality.cods@manipal.edu

3. Website address : <https://manipal.edu/mcods-manipal.html>

Web-link of the AQAR: (Previous Academic Year):

<https://manipal.edu/content/dam/manipal/mu/mcods-manipal/Documents/AQAR%2018-19.pdf>

4. Whether Academic Calendar prepared during the year? Yes

Yes/No....., if yes, whether it is uploaded in the Institutional website : No

Weblink:

## 5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 <sup>st</sup>	B+	--	2002	from: to:
2 <sup>nd</sup>	A	3.30	2016	from:11/07/2016 to: 10/07/2021

6. Date of Establishment of IQAC : 04/06/2016

## 7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries

Internal audit	12/07/2019 & 5hours	12 auditors and 16 Locations
	13/01/2020 & 5hours	12 auditors and 16 Locations
IQAC Meeting	13/08/2019 & 2 hours	27
	25/01/2020 & 2hours	28

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount (₹)
Dr Raghu Radhakrishnan Dr Satyamoorthy	Wellcome India Alliance	DBT	2019 5 years	3,55,51,271
Dr. Karthik M	Nurturing Clinical Scientist scheme	ICMR	2019 1 year	39,00,000
Dr. Anwar and Dr. Nayana	Financial assistance to MDS thesis	ICMR	2019 3 years	50,000
Mr. Ankit Srivatsava and Dr. Karthik S	Short term studentship program	ICMR	2019 1 year	20,000

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No : Yes

\*upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year : 02

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes/No : No

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes No ✓

If yes, mention the amount: Year:

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

- MCODES, Manipal has participated in NIRF rankings instituted by Govt. of India.
- The status objectives for the year 2019-20 were discussed during the IQAC meetings.

**13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
The objectives for the year 2019 were discussed at the college committee meeting, and the targets for the year have been set. All the objectives have been set in line with IoE objectives of MAHE, Manipal	The objectives were communicated to the department which in turn formulated the yearly objectives for the department

**14. Whether the AQAR was placed before statutory body? Yes /No : No**

Name of the Statutory body:

Date of meeting(s):

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?**

**Yes/No:** No

**Date:**

**16. Whether institutional data submitted to AISHE: Yes/No : YES**

Year: 2020

Date of Submission

: 27/02/2020

**17. Does the Institution have Management Information System?**

**Yes/ No:** YES

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

(Maximum 500 words)

Manipal College of Dental Sciences, Manipal utilizes Management Information System for seamless transactions related to Students, Staff, and Patients activities. Student information system [SIS], Employee Service Portal [ESP] and Patient Management System [PMS] are used for activities related to students, staff and patients respectively.

## Part-B

<b>CRITERION I – CURRICULAR ASPECTS</b>					
<b>1.1 Curriculum Planning and Implementation</b>					
1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words					
The planning of curriculum delivery begins with the preparation of academic calendar meeting the statutory requirements and is prepared in consultation with all the departments involved in teaching various subjects. Upon the approval of academic calendar, office of the Dean will formulate a time-table and share it with respective departments involved in teaching. Each department plans the teaching and evaluation schedules as per the time-table. The course contents are delivered by respective teachers of the departments and the same is documented.					
1.1.2 Certificate/ Diploma Courses introduced during the Academic year					
<b>Name of the Certificate Course</b>	<b>Name of the Diploma Courses</b>	<b>Date of introduction and duration</b>	<b>focus on employability/ entrepreneurship</b>	<b>Skill development</b>	
-	Diploma in Dental Operatory Room Assistant	31/07/2019	Yes	Yes	
<b>1.2 Academic Flexibility</b>					
1.2.1 New programmes/courses introduced during the Academic year					
<b>Programme with Code</b>	<b>Date of Introduction</b>	<b>Course with Code</b>	<b>Date of Introduction</b>		
-	-	-	-		
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.					
<b>Name of Programmes adopting CBCS</b>	<b>UG</b>	<b>PG</b>	<b>Date of implementation of CBCS / Elective Course System</b>	<b>UG</b>	<b>PG</b>
-	-	-	-	-	-
Already adopted (mention the year)					
1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year					
	<b>Certificate</b>	<b>Diploma Courses</b>			
<b>No of Students</b>	65	4			
<b>1.3 Curriculum Enrichment</b>					

1.3.1 Value-added courses imparting transferable and life skills offered during the year				
<b>Value added courses</b>	<b>Date of introduction</b>	<b>Number of students enrolled</b>		
-	-	-		
-	-	-		
1.3.2 Field Projects / Internships under taken during the year				
Project/Programme Title		No. of students enrolled for Field Projects / Internships		
-		-		
<b>1.4 Feedback System</b>				
1.4.1 Whether structured feedback received from all the stakeholders.				
<b>1) Students</b>	<b>2) Teachers</b>	<b>3) Employers</b>	<b>4) Alumni</b>	<b>5) Parents</b>
Yes/ No	Yes/ No	Yes/ No	Yes/ No	Yes/ No
<b>YES</b>	<b>YES</b>	<b>No</b>	<b>YES</b>	<b>YES</b>
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)				
Feedback from students and faculty on the various curricular aspects is obtained annually. Feedback from peers or professionals is obtained from the external members of Board of studies twice a year. Feedback from alumni and parents is obtained informally during the alumni meet, college awards day, etc. The feedback thus obtained is complied and discussed during the college committee meeting. Necessary actions based on the feedback are initiated.				

<b>CRITERION II -TEACHING-LEARNING AND EVALUATION</b>			
<b>2.1 Student Enrolment and Profile</b>			
<b>2.1.1 Demand Ratio during the year</b>			
<b>Name of the Programme</b>	<b>Number of seats available</b>	<b>Number of applications received</b>	<b>Students Enrolled</b>
BDS	100	18643 [Admission is done through NEET; number of students participated in deemed universities counselling in NEET 2019 is mentioned	100
MDS	32	12,128 Admission is done through NEET and the total number of students registered for all deemed universities is mentioned	29

Diploma in Dental Mechanics	20	3	3
Certificate courses	65	65	65
PG Diploma in Dental Materials	03	00	00
Diploma in Dental Operating Room Assistant	10	1	1

## 2.2 Catering to Student Diversity

### 2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019-20	514	146	36	-	50

## 2.3 Teaching - Learning Process

### 2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
86	63	LCD Projector and LMS	04	04	E-learning platform [elearning.manipal.edu]

### 2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

All the undergraduate students admitted to the college will be provided with a teaching faculty as a mentor. A total of 10 students will be allotted to the faculty mentor. The allotted faculty mentor keeps in constant touch with the student and their parents. The mentor closely monitors the curriculum and non-curricular performance of the students and reports to the student affairs regarding the progress.

Number of students enrolled in the	Number of fulltime	Mentor: Mentee
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<b>institution</b>	<b>teachers</b>	<b>Ratio</b>
100	86 out of which 10 teachers are mentors	1:10

## 2.4 Teacher Profile and Quality

### 2.4.1 Number of full time teachers appointed during the year

<b>No. of sanctioned positions</b>	<b>No. of filled positions</b>	<b>Vacant positions</b>	<b>Positions filled during the current year</b>	<b>No. of faculty with Ph. D</b>
86	78	10	08	06

### 2.4.2 Honours and recognitions received by teachers

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

<b>Year of award</b>	<b>Name of full time teachers receiving awards from state level, national level, international level</b>	<b>Designation</b>	<b>Name of the award, fellowship, received from Government or recognized bodies</b>
2020	Dr. Adarsh Kudva	Associate Professor	Fellowship at Plastic and Reconstructive Surgery at Chiayi Chang Gung Memorial Hospital
2019	Dr. Raghu A R	Professor	The Wellcome Trust/ DBT India Alliance Fellowship
2020 09/08/2019 to 10/08/2019	Dr. N. Vasudev Ballal	Additional Professor	Distinguished Researcher Award by Indian Association of Conservative Dentistry and Endodontics (IACDE) at Association of Conservative Dentistry and Endodontics of Karnataka (ACE Karnataka) and the IACDE 2nd South Zonal Conference, Mangalore
2019 28 -12- 2019	Dr Kalyana Chakravarthy	Associate Professor	2 <sup>nd</sup> position in IAPHD faculty award for high research output in 2018-19 awarded by



			Indian Association Of Public Health Dentistry
2019	Dr. N. Vasudev Ballal	Additional Professor	Publons Peer Review Award, New Zealand, for one of the top 1% reviewer in Clinical Medicine in the world
2020 09/08/2019 to 10/08/2019	Dr. Shashirashmi Acharya	Professor	Clinical Excellence award by Indian Association of Conservative Dentistry and Endodontics (IACDE) at Association of Conservative Dentistry and Endodontics of Karnataka (ACE Karnataka) and the IACDE 2nd South Zonal Conference, Mangalore
2020 09/08/2019 to 10/08/2019	Dr. Swathi Pai	Associate Professor	Early career Excellence award by Indian Association of Conservative Dentistry and Endodontics (IACDE) at Association of Conservative Dentistry and Endodontics of Karnataka (ACE Karnataka) and the IACDE 2nd South Zonal Conference, Mangalore
2019 15/11/2019 to 17/11/2019	Dr. Vatsala	Assistant Professor	Best Scientific Paper- First Prize 31st National Indian Academy of Oral Medicine and Radiology [IAOMR] conference, Amritsar
2019 1/11/2019 to 3/11/2019	Dr Spoorti Kulkarni	Assistant Professor	Shri T V Ramachandra Rao Award for her poster in Best Original Research paper presentation at XVIII IAOMP National Conference at Thiruvananthapuram, Kerala
2019 15/11/2019 to 17/11/2019	Dr Vineetha R	Professor	Best Scientific Paper- Second Prize at 31st National Indian Academy of Oral Medicine and Radiology [IAOMR] conference, Amritsar
2019 29/11/2019 to 01/12/2019	Dr Vidya Saraswathi	Professor	2nd best paper award for presentation on Effect of beverages on color stability of Glass Ionomer Cements by 34th Indian Association of Conservative Dentistry and Endodontics (IACDE) conference at Navi Mumbai
2019 8/11/2019- 10/11/2019	Dr Pratibha G	Professor	Consolation prize for paper presentation at 44th Indian Society for Periodontology National Conference, Bangalore

## 2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BDS		1	-	-
BDS		2	-	-
BDS		3	-	-
BDS		4 Part I	-	-
BDS		4 Part II	-	-
MDS		1	03/07/2020	30/07/2020
MDS		3	17/07/2020	23/07/2020

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal Evaluation is conducted through regular Internal Assessment examination. A total of 3 internal assessments will be carried in an academic year, and average performance in all the three internal assessment is added to the university examination performance. A student needs to score a minimum of 3 out of 10 to be eligible for the university examination. Besides internal assessment, students are regularly evaluated through group discussions, seminar presentations, end posting examinations, assignments, table clinics, case-based discussions, etc. throughout the year.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

At the beginning of the academic year, an academic calendar outlining the various academic and co-curricular activities that will be undertaken during the year will be prepared and circulated to all concerned. The academic calendar contains the details of the dates of examinations, dates of midterm and annual vacations, etc. However, due to the lockdown measures announced in view of Covid-19 Pandemic, regular classes and examination scheduled could not be followed. However, measures were taken to conduct classes through online platforms.

## 2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes

for all programs offered by the institution are stated and displayed in website of the institution

(to provide the weblink)

Program outcomes, program specific outcomes and course outcomes for all the undergraduate program [BDS] offered by the college are available but have not been displayed in the website

#### 2.6.2 Pass percentage of students

<b>Programme Code</b>	<b>Programme name</b>	<b>Number of students appeared in the final year examination</b>	<b>Number of students passed in final semester/year examination</b>	<b>Pass Percentage</b>
	BDS	-	-	-
	MDS	20	20	100.00

#### 2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

The student satisfaction survey is conducted annually, and the feedback from the students is analyzed and the action plan on actionable suggestions or recommendations are discussed and implemented as soon as possible. However, the results of the same are not uploaded on the website.

### CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations

<b>Nature of the Project</b>	<b>Duration</b>	<b>Name of the funding Agency</b>	<b>Total grant sanctioned</b>	<b>Amount received during the Academic year</b>
Major Projects	5 years	DBT Wellcome India Alliance	3,55,51,271	14,593,043.00
	5 months	University of Chicago Trust	5,90,000	590000
	1 year	Biotechnology Ignition grant (BIG 15)	49,89,000	-
	3 years	ICMR – NCS Nurturing Clinical Scientist scheme	39,00,000	-
	3 years	DST- SERB	34,48,500	

	1 year	UKIERI mobility program	28,36,259.10	
	3 years	ICMR	50000	-
Industry sponsored Projects	6 months	Encube Ethicals Pvt Ltd	12,18,468.00	3,92,468.00
	3 years	Pulpdent	16,000	16000
	1 year	Curaden India Pvt Ltd	10,400	10400
	1 year	Diagnostic Biosystems	10,000	10000
	1 year	Dentsply Pvt Ltd	9,990	9990
	3 years	Ivoclar vivadent, India and 3M ESPE, India	1800	1800
Projects sponsored by the University/ College	3 years	Manipal Academy of Higher Education	1,45,000	-
Students Research Projects (other than compulsory by the College)	1 year	ICMR STS	20,000	-
International Projects	1 year	Zurich university	3,70,000	3,70,000
	1 year	University of Dublin	94,000	94,000
	1 year	United States India Education Foundation	3,58,600	3,58,600
Any others (Specify)	-	-	-	-
<b>Total</b>			<b>5,36,19,288.10</b>	<b>1,64,46,301.00</b>

### 3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
Idea Competition	Manipal College of Dental Sciences, Manipal	02/11/2019 to 08/11/2019
Innovation and Entrepreneurship	Manipal College of Dental Sciences, Manipal	05/02/2020

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Among top 15 oral health care innovations in the	Dr. Ramprasad V	Center for Dental Education and	16/09/2020	Teacher

country at “Oral healthcare innovation conference 2019		Research, AIIMS, New Delhi				
3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year						
<b>Incubation Centre</b>	<b>Name</b>		<b>Sponsored by</b>			
-	-		-			
<b>Name of the Start-up</b>	<b>Nature of Start-up</b>		<b>Date of commencement</b>			
-	-		-			
<b>3.3 Research Publications and Awards</b>						
3.3.1 Incentive to the teachers who receive recognition/awards						
<b>State</b>	<b>National</b>		<b>International</b>			
-	07		01			
3.3.2 Ph. Ds awarded during the year ( <i>applicable for PG College, Research Center</i> )						
<b>Name of the Department</b>		<b>No. of Ph. Ds Awarded</b>				
-		-				
3.3.3 Research Publications in the Journals notified on UGC website during the year						
	<b>Department</b>	<b>No. of Publication</b>	<b>Average Impact Factor, if any</b>			
National	Manipal College of Dental Sciences, Manipal	31	0.28			
International	Manipal College of Dental Sciences, Manipal	78	0.96			
3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year						
<b>Department</b>		<b>No. of publication</b>				
Prosthodontics and Crown and Bridge		02				
Orthodontics and Dentofacial Orthopedics		01				
Public Health Dentistry		02				
Oral Pathology and Microbiology		02				
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
<b>Title of the paper</b>	<b>Name of the author</b>	<b>Title of the journal</b>	<b>Year of publication</b>	<b>Citation Index</b>	<b>Institutional affiliation as mentioned in the</b>	<b>Number of citations excluding self</b>

					<b>publication</b>	<b>citations</b>

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

<b>Title of the paper</b>	<b>Name of the author</b>	<b>Title of the journal</b>	<b>Year of publication</b>	<b>h-index</b>	<b>Number of citations excluding self citations</b>	<b>Institutional affiliation as mentioned in the publication</b>

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

<b>No. of Faculty</b>	<b>International level</b>	<b>National level</b>	<b>State level</b>	<b>Local level</b>
Attended Seminars/ Workshops	02	06	00	00
Presented papers/poster	03	31	01	00
Resource Persons	01	05	01	01

### 3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

<b>Title of the Activities</b>	<b>Organising unit/ agency/ collaborating agency</b>	<b>Number of teachers co-ordinated such activities</b>	<b>Number of students participated in such activities</b>
Danta Bhagya Yojana	Govt. of Karnataka	8	100
Dental treatment camp at school for special children	Karunya School, Udupi	2	10
Outreach dental treatment and screening programs	NGOs/ Rotary club/ Lions club etc.	8	90

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

<b>Name of the Activity</b>	<b>Award/recognition</b>	<b>Awarding bodies</b>	<b>No. of Students benefited</b>
-	-	-	-

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

<b>Name of the scheme</b>	<b>Organising unit/ agency/ collaborating agency</b>	<b>Name of the activity</b>	<b>Number of teachers coordinated such activities</b>	<b>Number of students participated in such activities</b>
Awareness program on World Mental Health day	Students council	Awareness program on World Mental Health day on 10/10/2019	02	08
Dan Utsav	Students council and Voluntary Services Organization	Dan Utsav and wishwall from 16/10/2019 to 23/10/2019	01	10
Oral Screening camp on Womens day	Students council and Dr. G. Shankar government women's first grade college and post-graduate study centre	Oral Screening camp on Womens day on 07/03/2020	01	08
Panel Discussion on Drug use or Abuse	Students council and transend club	Panel Discussion on Drug use or Abuse on 04/12/2019	02	20
Oral Cancer awareness program	Departemnt of Oral pathology and students council	Oral Cancer awareness program on 17/01/2020	06	10
Walkathon	Students council	Breast Cancer Awareness program	-	02

<b>3.5 Collaborations</b>				
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year				
<b>Nature of Activity</b>	<b>Participant</b>	<b>Source of financial support</b>	<b>Duration</b>	
Observership	07 Students and 2 faculty	Under Student Exchange Program	15 days	
MIDST Program	03 from University of Jordan	Self	06 days	
AISEC Global Volunteer Program	02 students from Alexandria University, Egypt	Self	35 days	
Elective posting	01 student to Maximo Nibel Institute, Antigua	Self	12 days	
Elective posting	01 student to Loma Linda University	Self	05 days	
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year				
<b>Nature of linkage</b>	<b>Title of the linkage</b>	<b>Name of the partnering institution/ industry /research lab with contact details</b>	<b>Duration (From-To)</b>	<b>Participant</b>
Research	Effect of Root conditioning on Push out Bond Strength of BioRoot RCS and AH Plus sealers	Dr. Matthias Zehnder, University of Zurich, Switzerland	2019-2021	Dr. Vasudev Ballal
Research	Dislodgement resistance of calcium silicate cements after exposure to different chelating agents	Dr. Özgür İlke Atasoy UlusoyGazi University, Ankara, Turkey and Dr. Vasudev Ballal	2019-2021	Dr. Vasudev Ballal
Research	Effect of different irrigation activation techniques on post operative pain in teeth with symptomatic irreversible pulpitis- Randomized single blind clinical trial	Dr. Paul Dummer, Cardiff University, UK	2019-2022	Dr. Vasudev Ballal
Research	Impact of passively placed sodium	Dr. Matthias Zehnder,	2020-	Dr.



	hypochlorite in a calcium hydroxide dressing on root canal disinfection and periapical tissue response: a randomized controlled trial	Univeristy of Zurich, Switzerland	2023	Vasudev Ballal
Research	Partial versus full pulpotomy in the treatment of teeth with signs and symptoms indicative of irreversible pulpitis and the predictive value of pulpal biomarkers in determining outcome: a randomized controlled trial	Dr. Henry Duncan, University of Dublin, Ireland	2020-2025	Dr. Vasudev Ballal
Research	Cytotoxicity and antibacterial ability of a novel silver citrate complex	Dr. Luciano Giardino, University of Catanzaro Magna Graecia, Catanzaro, Italy	2020-2020	Dr. Vasudev Ballal
Research	CD1a+ and CD207+ cells are reduced in oral submucous fibrosis and oral squamous cell carcinoma.	Felipe Fonseca, Department of Oral Pathology and Surgery, School of Dentistry, Universidade Federal de Minas Gerais, Belo Horizonte, MG, Brazil. zelipepfonseca@hotmail.com	2019-2020	Dr. Raghu AR
Research	Diabetes and Periodontitis	University of Sydney, Australia	2019–2020	Dr. Aditi

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

<b>Organisation</b>	<b>Date of MoU signed</b>	<b>Purpose and Activities</b>	<b>Number of students/teachers participated under MoUs</b>
Vitrix Health Inc Industry	20/12/2019	Academic collaboration	4
Curaden India Private limited,	1/8/2019	Training	5

Bangalore, India			
Chang gung memorial hospital, Taiwan	2020	Training	1
Univeristy of chicago trust in India	28/8/2019	Research	1
St. Thomas Hospital, Malakkara, Kerala	25/06/2020	Academic collaboration for facilitating internship for post-graduate students	Nil

#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 Physical Facilities**

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

<b>Budget allocated for infrastructure augmentation</b>	<b>Budget utilized for infrastructure development</b>
1,608.38 Lakhs	1,609.94 Lakhs

4.1.2 Details of augmentation in infrastructure facilities during the year

<b>Facilities</b>	<b>Existing</b>	<b>Newly added</b>
Campus area	6.23 acres	-
Class rooms	04	-
Laboratories	16	-
Seminar Halls	10	-
Classrooms with LCD facilities	04	-
Classrooms with Wi-Fi/ LAN	04	-
Seminar halls with ICT facilities	09	-
Video Centre	-	-
No. of important equipments purchased ( $\geq 10$ lakh) during the current year.	505	01 [₹10,03,000.00]
Value of the equipment purchased during the year (Rs. in Lakhs)	1961.46	94.28
Others		

##### **4.2 Library as a Learning Resource**

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Easylib	Fully	4.4	2003
Koha	Fully	17.11.00.000	2018

#### 4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books and Reference books Purchase	4574	45,51,246.67	25	58,641.40	4599	46,09,888.07
e-Books	39	2,28,916.20	-	-	39	2,28,916.20
Journals (print+online) Subscription	261	1,32,11,489.19	04	57,00,606.64	265	1,89,12,095.83
Digital Database subscription	1	4,78,633.87	1	5,09,207.00	2	9,87,840.87
CD & Video	43	-	-	-	43	-
Library automation	-	-	-	-	-	-
Weeding (Hard & Soft)	-	-	-	-	-	-
Others (specify)	-	-	-	--	-	-

### 4.3 IT Infrastructure

#### 4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MBPS)	Others
Existing	46+72	-	Yes	-	-	05	34	100MBPS	-
Added	03	-	-	-	-	-	03	-	-
Total	46 + 75	-	Yes	-	-	05	37	100MBPS	-

#### 4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS /GBPS

#### 4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
-	-

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc			
Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
-	-	-	-
<b>4.4 Maintenance of Campus Infrastructure</b>			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1089.95 Lakhs	1037.34 Lakhs	255.97 Lakhs	268.74 Lakhs
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. ( <i>maximum 500 words</i> ) (information to be available in institutional Website, provide link)			
All the infrastructural facilities are maintained as per the laid down policy of MAHE. Most of the equipment's Preventive and breakdown maintenance of equipment is outsourced to TBS Pvt Ltd. Similarly, maintenance of physical infrastructural facilities are outsourced to MIS Pvt Ltd. Computers, network and similar electronic related facilities are outsourced to KPTI technologies Ltd. The need for upgradation, replacement or repair of the existing facilities will first be proposed in the yearly budget for approval. Up on approval necessary procedures will be completed.			

<b>CRITERION V - STUDENT SUPPORT AND PROGRESSION</b>			
<b>5.1 Student Support</b>			
5.1.1 Scholarships and Financial Support			
	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution			
	Students of academy of general education	06	2944200
	Staff child/spouse	06	2197400

	Merit students	11	8463947
	Konkani scholarship	05	387850
	Others	02	400000
Financial support from other sources			
a) National	Merit-cum-means scholarship for professional and technical courses	07	-
b) International		-	-
5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,			
Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Ethics and communication workshop for interns	31/08/2019	70	Dr. Vikram Palimar Dr. Sunitha Carnelio Dr. Samir Kumar Praharaaj
Skill club	2019	50	In house faculty
Workshop on behavioral and softskill development for PG students	27/08/2019	75	Dr. Subash Hegde, Corporate Trainer, Dr. Reddy's foundation
Master the masters exam	03-04/01/2020	145	External experts and in house faculty
Utilization of case based learning in Pharmacology for Dental and oral health	8/2/2020	70	Dr. Devinder Arora, PhD, School of Pharmacy & Pharmacology, Griffith University, Australia
How to design a scientific poster and paper for a conference	8/1/2020	100	Dr. Eshwari K, Assistant Prof, Department of Community Medicine, KMC, Manipal
5.1.3 Students benefited by guidance for competitive examinations and career counselling			

offered by the institution during the year					
Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
-	-	-	-	-	-
5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year					
<b>Total grievances received</b>		<b>No. of grievances redressed</b>		<b>Average number of days for grievance redressal</b>	
02		02		08	
<b>5.2 Student Progression</b>					
5.2.1 Details of campus placement during the year					
<b>On campus</b>			<b>Off Campus</b>		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
-	-	-	-	-	06
5.2.2 Student progression to higher education in percentage during the year 2018-19					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018-19	49	BDS	MCOADS, Manipal		MDS
5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)					
<b>Items</b>		<b>No. of Students selected/ qualifying</b>		<b>Registration number/roll number for the exam</b>	
NEET		45		-	

SET						
SLET						
GATE						
GMAT						
CAT						
GRE						
TOFEL						
Civil Services						
State Government Services						
Any Other	10					
5.2.4 Sports and cultural activities / competitions organised at the institution level during the year						
<b>Activity</b>	<b>Level</b>	<b>Participants</b>				
Dentalthon – Interclass sports	Interclass	300				
MAHE intercollegiate squash tournament	Intrauniversity	80				
Hues	Interclass Cultural program	285				
India Quiz	Intercollegiate	93				
<b>5.3 Student Participation and Activities</b>						
5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)						
<b>Year</b>	<b>Name of the award/ medal</b>	<b>National/ International</b>	<b>Sports</b>	<b>Cultural</b>	<b>Student ID number</b>	<b>Name of the student</b>
2019 October	Gold Medal	Intercollegiate	✓		160301276	MONISHA
5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)						
The student council consisting of student representatives from each batch is actively involved in organizing various curricular and co-curricular activities throughout the year. Besides, the members of the student council actively participate in management review meetings, internal quality assurance meetings, and board of studies meetings and provide valuable feedback on various aspects of academic and co-curricular activities of the college. They are also part of student research forum that acts as a bridge and facilitates the research orientation of students at undergraduate level. They help the college administration in planning and organizing various cultural and sports activities.						
<b>5.3 Alumni Engagement</b>						

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): Yes
5.3.2 No. of <del>registered</del> enrolled Alumni:
<b>1414 registered out of 5989</b>
5.3.3 Alumni contribution during the year (in Rupees) :
-
5.3.4 Meetings/activities organized by Alumni Association :
27 <sup>th</sup> to 29 <sup>th</sup> December 2019 – 25 Alumni reunion was organized

<b>CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>
<b>6.1 Institutional Vision and Leadership</b>
6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)
The administrative work of the institution has been decentralized with Dean leading the administration. The Dean is ably supported in decision-making aspects by various committees that look into academic, research, patient and other activities of the institution. Similarly, the departmental activities are handled by the heads of the departments.
6.1.2 Does the institution have a Management Information System (MIS)? Yes/No/Partial:
<b>Yes</b>
<b>6.2 Strategy Development and Deployment</b>
6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):
❖ Curriculum Development: The curriculum of all the program are discussed during the board of studies meetings held twice a year. During the board of studies meeting, feedback on the curriculum is obtained from students and external subject experts on the curriculum. Based on the feedback, necessary corrective actions are initiated after approval. Recently, the institute has adopted outcome-based education and the same is being implemented for the undergraduate program at present. To realize this, a series of discussions and consultations have been organized with experts from the sister institutions and a draft curriculum for the same is prepared and approved.
❖ Teaching and Learning: All the departments are actively involved in the development and implementation of newer learning methods in the form of case-based learning, e-learning videos, self-directed learning, table clinics, small group discussions, etc. In addition, e-learning portal has been made available for the students learning.
❖ Examination and Evaluation: Digital examination system through e-exam using e-pad is in place.



❖ <b>Research and Development:</b> To facilitate research, the institute has adopted the incentive system of Manipal Academy of Higher Education. The research contribution has been made as part of the performance appraisal system of the faculty.										
❖ <b>Library, ICT, and Physical Infrastructure / Instrumentation:</b> Proposals to augment the existing infrastructure for academic learning have been projected in the budget for approval.										
❖ <b>Human Resource Management:</b> The current staffing pattern of the institute satisfies the statutory requirements. Efforts are being made to recruit suitable staff to the vacant positions.										
❖ <b>Industry Interaction / Collaboration:</b> A number of academic and research collaborations have been explored for general academic cooperation, student and faculty exchange, and for research purposes. At present the institution collaborated with Nobel Biocare, a well-known implant industry and is offering a certificate course in Implantology. Similarly, the institution has collaboration with Mayur Davda, Canon Photomator and offers a certificate program in Integrated dental photography.										
❖ <b>Admission of Students:</b> Admission of students is being done through NEET as per the regulations. To attract the best talent of the students, various scholarships are being provided for students with excellent performance in the entrance examination.										
<b>6.2.2 : Implementation of e-governance in areas of operations:</b>										
❖ <b>Planning and Development:</b> -										
❖ <b>Administration:</b> The faculty leave management, college email, etc are being used										
❖ <b>Finance and Accounts:</b> The institute uses e-portal for all activities related to finance and accounts such as indenting of materials, etc										
❖ <b>Student Admission and Support:</b> The institute utilizes student information system for all student-related activities.										
❖ <b>Examination:</b> The internal and annual examinations are being conducted using an e-pad, a paperless system.										
<b>6.3 Faculty Empowerment Strategies</b>										
<b>6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year</b>										
<table border="1"> <thead> <tr> <th><b>Year</b></th> <th><b>Name of teacher</b></th> <th><b>Name of conference/ workshop attended for which financial support provided</b></th> <th><b>Name of the professional body for which membership fee is provided</b></th> <th><b>Amount of support</b></th> </tr> </thead> <tbody> <tr> <td>2019-20</td> <td>Dr. Keerthilatha M Pai</td> <td>ICDDMS 2019, 21<sup>st</sup> International Conference on Dentistry, Dental</td> <td>-</td> <td>50000</td> </tr> </tbody> </table>	<b>Year</b>	<b>Name of teacher</b>	<b>Name of conference/ workshop attended for which financial support provided</b>	<b>Name of the professional body for which membership fee is provided</b>	<b>Amount of support</b>	2019-20	Dr. Keerthilatha M Pai	ICDDMS 2019, 21 <sup>st</sup> International Conference on Dentistry, Dental	-	50000
<b>Year</b>	<b>Name of teacher</b>	<b>Name of conference/ workshop attended for which financial support provided</b>	<b>Name of the professional body for which membership fee is provided</b>	<b>Amount of support</b>						
2019-20	Dr. Keerthilatha M Pai	ICDDMS 2019, 21 <sup>st</sup> International Conference on Dentistry, Dental	-	50000						

		Medicine and Surgery [ICDDMS 2019], London		
2019-20	Dr. Monica Solomon	Faculty exchange program and Guest lecture at Boston university	-	50000
2019-20	Dr. Divya Pai	5 <sup>th</sup> International conference on computational methods in Engineering and Health Sciences 2019	-	50000
2019-20	Dr. Vidya Saraswati	IACDE 2nd South Zonal Conference, Mangalore	-	7440.00
2019-20	Dr. Sridar N	International conference of forensic odontology and child abuse, Lucknow	-	21536.00
2019-20	Dr. Tina	IACDE 2nd South Zonal Conference, Mangalore	-	13375.00
2019-20	Dr. Swathi Pai	IACDE 2 <sup>nd</sup> South Zonal Conference, Mangalore	-	8980.00
2019-20	Dr. Namith Rai	IACDE 2 <sup>nd</sup> South Zonal Conference Mangalore		8000.00
2019-20	Dr. Sandhya Kini	IACDE 2 <sup>nd</sup> South Zonal Conference Mangalore	-	21560.00
2019-20	Dr. Vasudev Ballal	IACDE 2 <sup>nd</sup> South Zonal Conference Mangalore	-	8380.00
2019-20	Dr. Neetha Shenoy	IACDE 2 <sup>nd</sup> South Zonal Conference Mangalore	-	7000.00
2019-20	Dr. Shubha Chhapparwal	IACDE 2 <sup>nd</sup> South Zonal Conference Mangalore	-	8880.00
2019-20	Dr. Shashirashmi Acharya	IACDE 2 <sup>nd</sup> South Zonal Conference Mangalore	-	10440.00
2019-20	Dr. Jothi M Varghese	ISP Colloquium on Whole mouth Health – Current Status and Future Directions	-	2190.00
2019-20	Dr. Kalyan C P	Oral Health Innovation Conference 2019	-	16510.00
2019-20	Dr. Ramprasad V	ADA FDI World Dental Congress 2019, USA	-	50000.00
2019-20	Dr. Spoorthi Kulkarni	XXVIII IAOMP National Conference, Trivandrum	-	25561.00
2019-20	Dr. Chetna Chndrashekar	XXVIII IAOMP National Conference, Trivandrum	-	26561.00
2019-20	Dr. Pratibha PK	44 <sup>th</sup> ISP National Conference, Bengaluru	-	16237.00

2019-20	Dr. Anupam Singh	44 <sup>th</sup> Annual conference of Association of Oral and maxillofacial surgeons of India, Bengaluru	-	12836.00 + 5500.00
2019-20	Dr. Saurabh Kumar	41 <sup>st</sup> National Conference ISPPD Conferences, Noida	-	37030.00
2019-20	Dr. Vathsala	31 <sup>st</sup> National IAOMR Conference, Amritsar	-	31121.00
2019-20	Dr. Abhay Kamat	44 <sup>th</sup> Annual conference of Association of Oral and maxillofacial surgeons of India, Bengaluru	-	38636.00
2019-20	Dr. Vineetha R	31 <sup>st</sup> National IAOMR Conference, Amritsar	-	44524.00
2019-20	Dr. Vidya Saraswati	34 <sup>th</sup> IACDE National conference, Navi Mumbai	-	40060.00
2019-20	Dr. Sridhar N	73 <sup>rd</sup> Indian dental conference, Kovalam, Trivendrum,	-	28464.00
2019-20	Dr. Sridhar N	-	Indian Society for Pedodontics and Preventive Dentistry	1640.00
2019-20	Dr. Sunitha Carnelio	-	Indian Dental Association	3000.00
2019-20	Dr. Shashidhar Acharya	-	Indian Association of Public Health Dentistry	2060.00

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
------	--	---	-----------------	--------------------------------------	--

		teaching staff			
2019	Orofacial Pain Concepts	-	19/08/2019	12	-
2019	Spectrum 19	-	26/11/2019	10	
2019	Decoding diagnostic conundrums- a slide seminar	-	07/09/2019	08	-
2019	Ergonomics in Dentistry	-	22/11/2019	08	-
2019	iTOP Touch to Teach Training Program	-	02/08/2019 to 03/08/2019	06	-
2020	Dolphin 3D training program	-	28/02/2020	06	-
2020	Biopsy Repository Software	-	30/01/2020	04	
2020	Blue printing - An approach to Question Paper Setting	-	26/06/2020	03	
2019	Colloquy	-	18/12/2019	04	
2020	MS teams-platform for online lectures	-	15/04/2020	08	
2019	OBE (Outcome based education) in BDS curriculum (Part I)	-	13/07/2019	14	
2019	OBE (Outcome based education) in BDS curriculum (Part II)	-	18/09/2019	11	
2020	The art & science of direct aesthetic restorations	-	11/02/2020	05	
2020	Webinar series on Periodontology	-	06	4-5, 7-8, 10, 13, 15, 17, 18, 20-21, 29/04/2020 01, 05/05/2020	

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year		
<b>Title of the professional development programme</b>	<b>Number of teachers who attended</b>	<b>Date and Duration (from – to)</b>

3M Scientific Convention for Academic Excellence	08	25th sept 2019
Academic publishing- Online workshop	02	10th to 12th jun 2020
Anterior composite Restorations using Styleitaliano technique	05	08/12/2019
Biopsy Repository Software	04	30/01/2020
Blue printing - An approach to Question Paper Setting	03	26/06/2020
Computation of sample size in health sciences research	02	31/07/19
Dr. Subraya mogra endowment lecture by Dr. V surendra shetty	03	05/07/2019
Editage [Structuring your manuscript]-Online scientific writing program conducted by Directorate of Research-Manipal	10	19/06/2020
Ethics of re-emergence strategies in the wake of Covid 19	03	24/05/2020
Exploring EBSCOS single window search for enticing medical research output	02	23/06/2020
Fundamentals of Teaching-Learning, Academic Leadership and Research	02	08/08/2019
General practices for composing a high impact paper-Wiley Webinar series	07	30/06/2020
Grant Writing Clinic - Focused on Innovation & Entrepreneurship workshop Organised by Government of Karnataka Bioincubator (MUTBI Society), MAHE	05	13/07/2019
Guidelines update for IEC/ IRC members	02	26/08/2019
ICHGCP New Drugs and Clinical Trails Rules 2019 and Medical Devices Rules 2017 Workshop international conference of Harmonization of Good Clinical Practice	08	12/03/2020
MS teams-platform for online lectures	08	15/04/2020
New Classification of Periodontal disease Conducted by ISP	03	25/06/2020
OBE (Outcome Based Education) in BDS Curriculum (Part I)	15	13/07/2019
OBE (Outcome Based Education) in BDS Curriculum (Part II)	11	18/09/2019
Orofacial Pain Grand Rounds organized by Smile USA Academy for Dental Education Excellence	05	04/04/2020
Pandemics and Dentistry webinar organized by Dental Council of India	04	28/06/2020
PERIO INSIGHTS - LASERS: The rationale and techniques for Laser Ablative Periodontal Surgery in the management of Periodontitis and Peri-implantitis defects	04	27/062020
Problem Based Learning workshop	02	20/02/2020
Scientific writing Master class	02	25/02/2020

Scientific writing program online	03	19/06/2020
Scopus –Search Webinar by Elsevier	04	29/06/2020
Sialoendoscopy workshop	02	01/02/2020
Systematic Reviews- workshop	03	04/11/2019 to 06/11/2019
<b>6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):</b>		
<b>Teaching</b>		<b>Non-teaching</b>
<b>Permanent</b>	<b>Fulltime</b>	<b>Permanent Fulltime/temporary</b>
03	05	- 03
<b>6.3.5 Welfare schemes for</b>		
Teaching	<ul style="list-style-type: none"> <li>▪ Medicare facility</li> <li>▪ Employee Pension</li> <li>▪ Provident Fund</li> <li>▪ Institutional Accommodation facility</li> <li>▪ Scholarship on course fee of employee children and or spouse</li> <li>▪ Reimbursement of children’s educational fees</li> <li>▪ Scholarships for children studying at schools under academy of general education</li> <li>▪ Interest subsidy on housing/utility loan</li> <li>▪ Sodexo meal and gift coupons</li> <li>▪ Valley club</li> <li>▪ Leave travel allowance</li> <li>▪ Group insurance program</li> <li>▪ National Pension scheme</li> </ul>	
Non teaching	<ul style="list-style-type: none"> <li>▪ Employee State Insurance</li> <li>▪ Medicare facility</li> <li>▪ Employee Pension</li> <li>▪ Provident Fund</li> <li>▪ Institutional Accommodation facility</li> <li>▪ Scholarship on course fee of employee children and or spouse</li> <li>▪ Reimbursement of children’s educational fees</li> <li>▪ Scholarships for children studying at schools under academy of general education</li> <li>▪ Group insurance program</li> <li>▪ National Pension scheme</li> </ul>	
Students	<ul style="list-style-type: none"> <li>▪ Teacher Guardian Scheme</li> <li>▪ Medicare</li> </ul>	

	<ul style="list-style-type: none"> <li>▪ Hostel facility</li> <li>▪ Mareena Facility</li> </ul>			
<b>6.4 Financial Management and Resource Mobilization</b>				
6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each) The institution is certified by ISO 9001:2015, 14001:2015, and 50001:2011 under the aegis of Manipal Academy of Higher Education, and the internal audits are conducted at six months intervals to assess the quality of services delivered. Any deviations or shortcomings are discussed in the management review meeting, and IQAC meetings and necessary preventive measures are implemented. The financial audit is conducted once a year.				
6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year (not covered in Criterion III)				
<b>Name of the non government funding agencies/ individuals</b>		<b>Funds/ Grants received in Rs.</b>		<b>Purpose</b>
-		-		-
6.4.2 Total corpus fund generated: -				
<b>6.5 Internal Quality Assurance System</b>				
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?				
<b>Audit Type</b>	<b>External</b>		<b>Internal</b>	
	<b>Yes/No</b>	<b>Agency</b>	<b>Yes/No</b>	<b>Authority</b>
Academic	-	-	Yes	Internal Auditors
Administrative	-	-	Yes	Internal Auditors
6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
Nil				
6.5.3 Development programmes for support staff (at least three)				
Fire drill and awareness programs are regularly conducted for the support staff as well as the teaching staff. In addition, programs related to communication, computer skill programs are conducted for the support staff.				
6.5.4 Post Accreditation initiative(s) (mention at least three)				
<b>6.5.5</b>				
a. Submission of Data for AISHE portal : (Yes /No) YES				
b. Participation in NIRF : (Yes /No) YES				
c. ISO Certification : (Yes /No) YES				
d. NBA or any other quality audit : (Yes /No) YES				

6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2019	Fire drill	21/01/2020	4PM to 5PM	60
2019	OBE (Outcome Based Education) in BDS Curriculum (Part I)	13/07/2019	9 AM to 4PM	15
2019	OBE (Outcome Based Education) in BDS Curriculum (Part II)	18/09/2019	9 AM to 4PM	11

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES			
7.1 – Institutional Values and Social Responsibilities			
7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)			
Title of the programme	Period (from-to)	Participants	
		Female	Male
Oral Hygiene week celebration	01/08/2019	40	10
Oral screening camp on womens day	07/03/2020	08	01
7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: The institution is conscious of its responsibility towards the environment and has put in place mechanisms to reduce the use of paper, water and power. The institution has been certified for ISO 50001:2015 under the aegis of Manipal Academy of Higher Education for its Environmental management system. All the stakeholders are informed about the consumption of water, power and paper during the management review meeting and IQAC meetings in order to ensure their use to the minimum. The initiative to use alternative energy has been implemented and the outcome for the same is measured centrally at the university level.			
7.1.3 Differently abled (Divyangjan) friendliness			
Items Facilities	Yes/No	No. of Beneficiaries	
Physical facilities	Yes	All	
Provision for lift	Yes	All	
Ramp/ Rails	Yes	All	
Braille Software/facilities	No	No	
Rest Rooms	Yes	All	
Scribes for examination	Yes	Nil	



Special skill development for differently abled students	No	No				
Any other similar facility	-	-				
<b>7.1.4 Inclusion and Situatedness</b>						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
<b>Year</b>	<b>Number of initiatives to address locational advantages and disadvantages</b>	<b>Number of initiatives taken to engage with and contribute to local community</b>	<b>Date and duration of the initiative</b>	<b>Name of the initiative</b>	<b>Issues addressed</b>	<b>Number of participating students and staff</b>
2019	01	01	16/10/2019 to 23/10/2019	Cloths donation drives	Distribution of cloths to underprivileged	20 and 01
2019	01	01	05/10/2019 to 08/10/2019	Daan Ursav: Wish wall	Dental camp at Acaemy school Manipal	09 and 01
2019	01	01	10/10/2019	World Mental Health day	A street play to emphasize the importance of mental health	08 and 01
2020	01	01	17/01/2020	Oral cancer awareness	Awareness program on oral cancer	10 and 06
<b>7.1.5 Human Values and Professional Ethics</b>						
Code of conduct (handbooks) for various stakeholders						
<b>Title</b>	<b>Date of Publication</b>	<b>Follow up (maximum 100 words each)</b>				
Student handbook	01/08/2019	All the students are provided with the rules, regulations that are followed after their admission to the institution. The handbook provides information to the students on various facilities available at the institute and rules and regulations to be followed to utilize these facilities. In addition, it also emphasizes the code of conduct to be followed within the college premises.				

7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-to)	Number of participants
Panel discussion on Drug use or abuse	04/12/2019	25
Respect for cadavers workshop	05/08/2019	100
Bioethics workshop for interns	31/08/2019	60
7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)		
<p>The college has adopted e-pad examination for internal and university examinations for reducing the usage of the papers. Similarly, various administrative activities have been moved to paperless systems such as emails, patient registration, material indenting, leave application by faculty, etc. Emphasis also is being made to purchase energy-efficient equipment.</p>		
<b>7.2 Best Practices</b>		
<p>Describe at least two institutional best practices</p> <p>Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link</p>		
<b>As Annexure</b>		
<b>7.3 Institutional Distinctiveness</b>		
<p>Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust</p> <p>Provide the weblink of the institution in not more than 500 words</p>		
<p>Manipal College of Dental Sciences, Manipal was established in the year 1965 is the first private dental college in the country. Since its inception, it has strived to provide quality dental education through a conducive learning environment with state of the art infrastructure and learning facilities at par with international standards. The college has been rightly adjudged as the best dental college in the country by various ranking agencies for the last few years.</p> <p>The college focusses on ensuring the delivery of best oral health care to the patients and endeavors to deliver the treatment to the needy at their doorstep. To realize this, the college has set up satellite clinics at various places in and around Manipal to provide oral health care delivery. In addition, the college also conducts regular oral health care camps involving students and faculty in the rural areas of the Udupi district. Over 250 camps are generally conducted in a year to cater the needs of the patients in collaboration with various non-government agencies and other similar agencies. Similarly, the college also making efforts to improve the oral health of the students by conducting oral health screening programs at various schools regularly. These practices have helped the college to earn the goodwill of the local population and enhanced visibility. The college has been recognized for its community work and has been awarded second prize at the national level for organizing oral health care camps in the year 2015.</p>		

**8. Future Plans of action for next academic year (500 words)**

- To organize webinars by alumni and adjunct faculty
- To initiate online Elective Program for Students

*Name: Kishore Ginjupalli*

*Name: Dr. Keerthilatha M Pai*

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*Signature of the Coordinator, IQAC*

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*Signature of the Chairperson, IQAC*

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**Abbreviations:**

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution

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For Communication with NAAC

**The Director**

**National Assessment and Accreditation Council (NAAC)**

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