

Annual Quality Assurance Report (AQAR)

in Accredited Institutions

(Revised in October 2013)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

Part – A

AQAR for the year

2015-16

1. Details of the Institution

1.1 Name of the Institution

Manipal College of Dental Sciences, Manipal

1.2 Address Line 1

Madhav Nagar

Address Line 2

City/Town

Manipal, Udupi

State

Karnataka

Pin Code

576104

Institution e-mail address

office.cods@manipal.edu

Contact Nos.

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Name of the Head of the Institution:

Dr. Nirmala N Rao

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Name of the IQAC Co-ordinator:

Dr. Kishore Ginjupalli & Dr. Pratibha Panduranga

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IQAC e-mail address:

iqac.mcods@manipal.edu

1.5 Website address:

www.manipal.edu

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	--	2002	5 yrs
2	2 nd Cycle	A	3.30	2016	5 yrs

1.7 Date of Establishment of IQAC: DD/MM/YYYY

04/02/2016

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR _____ (DD/MM/YYYY)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 Institutional Status

University

State Central Deemed Private

Affiliated College

Yes No

Constituent College

Yes No

Autonomous college of UGC

Yes No

Regulatory Agency approved Institution

Yes No

(By Dental Council of India)

Type of Institution

Co-education

Men

Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (*for the Colleges*)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
If yes, mention the amount

2.13 Seminars and Conferences (only quality related)
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC
Total Nos. International National State Institution Level

(ii) Themes

Nil

2.14 Significant Activities and contributions made by IQAC

1. A fire mock drill training program for all the staff and interns was organized by IQAC in association with Department of Fire safety, Kasturba Hospital, Manipal. A total of 48 staff and students have participated in the program. The training program involved a brief outline on the different type of fire extinguishers and their uses followed by mock drill along with the demonstration on the use of fire extinguisher.
2. A training program on the manipulation of dental materials was organized by the department of dental materials for Dental Surgery Assistants. The program involved demonstration and hands-on manipulation of various materials used in dentistry

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
<p>Following yearly activities are planned</p> <ul style="list-style-type: none">▪ Discussion and finalizing on the yearly quality objectives▪ Every year two internal audits are planned▪ Collection of data, compilation and submission of the data to various ranking agencies such as outlook, week, and other ranking agencies▪ Organize a fire mock drill in collaboration with university▪ To plan for a training program for the faculty to increase the number of internal auditors	<p>Following follow-up actions were undertaken</p> <ul style="list-style-type: none">▪ A meeting was held on 29th January 2016 to review the quality objectives and to set the targets for the year 2016▪ First internal audit for the year was conducted on January 2016 and the second audit was conducted on July 2016▪ Data was submitted to Week in the month of April and Outlook in the month of May 2016 for Best Professional Dental Colleges survey in the country. The college has been ranked No. 1 in the private sector by both the ranking agencies▪ A fire mock drill training program in associate with fire safety department of Kasturba Hospital was organized in the month November 6, 2016 and June 21, 2016.▪ Four faculty members have undergone ISO integrated management system auditor training program organized by the university.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

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Part – B
Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	
PG	09	-	09	09
UG	01	-	01	01
PG Diploma	01	-	01	01
Advanced Diploma	-	-	-	-
Diploma	01	-	01	01
Certificate	03	-	03	03
Others	-	-	-	-
Total	15	0	15	15

Interdisciplinary	01	-	-	01
Innovative	03	-	-	03

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	01 (Only in Fourth year of BDS)
Trimester	Nil
Annual	15

1.3 Feedback from stakeholders*

Alumni Parents Employers Students

(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

****Please provide an analysis of the feedback in the Annexure***

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Nil

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
82	12	27	22	21

2.2 No. of permanent faculty with Ph.D.

05

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
03	02	-	-	01	01	11	10	15	13

2.4 No. of Guest and Visiting faculty and Temporary faculty

-

06

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	07	19	02
Presented papers	15	29	9
Resource Persons	Nil	15	06

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Case based learning is an educational strategy employed for enhancing student centred learning, clinical applications and correlation which is an important facet in dental curriculum. It is conducted at the undergraduate level. In this program, the students are given a clinical case / scenario with all the details like chief complaint, clinical features and investigation reports. Based on all the above findings differential diagnosis will be written. After this by correlating with report and clinical features a final diagnosis will be made. A detailed stepwise treatment plan will be charted/written & pros and cons of various treatment options are also discussed in detail.
2. Table clinics are organized for the undergraduate students wherein a group of students are given topics which will be presented to the class as a group activity.

2.7 Total No. of actual teaching days during this academic year

240

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Descriptive Theory Examination
2. Multiple Choice Questions
3. OSCE & OSPE

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

07	Nil	32
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as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

Min 75%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	Fails	Pass %
I BDS	99	37	45	15	3	97
II BDS	94	16	53	20	11	89
III BDS	88	13	49	37	1	99
IV BDS Part-I	91	19	71	08	2	98
IV BDS Part-II	91	03	72	21	4	96
MDS	36	-	-	-	-	100
PGDDM	-	-	-	-	-	-
I DMC	02	-	-	50	50	50
II DMC	02	-	-	100	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- IQAC conducts two periodic internal audits; one in the month of July and one in the month of January. During the audit each department and other locations are audited for the delivery of various services as per the stated departmental procedures. Any deviations in the processes are noted and brought to the notice of all concerned to take necessary action. Any processes and deviations requiring intervention or in puts are discussed in the management review meeting.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses (Teaching learning workshop)	04
UGC – Faculty Improvement Programme	Nil
HRD programmes	52
Orientation programmes (To the newly joined staff)	04
Faculty exchange programme	Nil
Staff training conducted by the university	29
Staff training conducted by other institutions	06
Summer / Winter schools, Workshops, etc.	06
Others MCPD, BLS, FDP & CDE	40

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	13	Nil	Nil	Nil
Technical Staff	14	03	03	Nil

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. IQAC of MCOADS, Manipal organized a training session on “Current perspectives in Research Ethics” on January 14, 2016 for the faculty.
2. An interactive session was organized with Prof. Venkatesan from Dr. TMA Pai chair on Medical Devices to enlighten faculty on the opportunities and scope of research in the area of medical devices on August 25, 2015.
3. Grant writing by Dr KM Girisha, Prof and Head of Medical Genetics on 3rd October 2015
4. Grant writing by Dr Sanjay Pattanshetty, Assistant Professor, Dept. of MPH, Manipal University 0 on 5.11.2015
5. Intellectual property rights by Dr Manthan Janodia, Associate Professor, MCOPS, Manipal University on 13.11.2015

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	-	-
Outlay in Rs. Lakhs	-	9.09	9.09	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	12	-
Outlay in Rs. Lakhs	-	0.40	3.30	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	61	33	01
Non-Peer Review Journals	-	-	-
e-Journals	01	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	01	University of Zurich	3,37,781	3,37,781
		Bio MTA, Korea	1,53,400	1,53,400
		Wonkwang University, Iksan, Republic of Korea	2,93,384	2,93,284
		Gazi University Turkey	6500	6500
		Univ. of Colorado , New Mexico, USA	1,24,780	1,24,780
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	04	Nobel Biocare Engineered Endodontics, USA Biogaia, Sweden	2,42,010	2,42,010
Projects sponsored by the University/ College	13	MAHE	1,28,000	38000
Students research projects (<i>other than compulsory by the University</i>)	-	-	-	-
Any other(Specify) Travel (TC White fellowship)	-	Royal college of physicians and surgeons of Glasgow	1,97,381 (2000 Pounds)	1,97,381
		AOCMF fellowship	5,40,000	5,40,000
Total			20,23,236	19,33,236

3.7 No. of books published i) With ISBN No.

03

Chapters in Edited Books

Nil

ii) Without ISBN No.

Nil

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges

Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	02	-	-	15
Sponsoring agencies	ICMR, PathnSitu, Olympus	ICMR, Colgate. Springer Intas Pharmaceuticals, Planmeca and Radha medicals, Virgo Solutions , Johnson and Johnson	-	-	MDS Mangalore Meditech Mangalore Sitadas & Co, KP Impex, SK Surgicals Detsply India Pvt, Ltd., 3M Ltd, American Orthodontics, Confident Dental equipment's,

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency From Management of University/College
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	01
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
10	02	07	01	-	-	-

3.18 No. of faculty from the Institution

05

who are Ph. D. Guides

and students registered under them

02

3.19 No. of Ph.D. awarded by faculty from the Institution

01

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

Nil

SRF

Nil

Project Fellows

Nil

Any other

Nil

3.21 No. of students Participated in NSS events:

University level

Nil

State level

Nil

National level

Nil

International level

Nil

3.22 No. of students participated in NCC events:

University level

Nil

State level

Nil

National level

Nil

International level

Nil

3.23 No. of Awards won in NSS:

University level

Nil

State level

Nil

National level

Nil

International level

Nil

3.24 No. of Awards won in NCC:

University level	<input type="text" value="Nil"/>	State level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="VSO"/>	College forum	<input type="text" value="122 dental camps"/>
NCC	<input type="text"/>	NSS	<input type="text"/>
		Any other	<input type="text"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Following activities were organized

- The AMCHI program. The aim of this program was to take primary dental care to the remote corners of Ladakh and to focus public attention on the problem of lack of even basic facilities of dental care, poor oral health status, unmet dental needs and dental fluorosis in some areas. The program has benefited around 1000 needy people living in the remote corners of Ladakh. The ‘Amchi training project’ was set up to teach the local nuns to provide basic dental treatment to the people of Ladakh. The AMCHI team, regardless of the geographical boundaries is inclined to reach greater possibilities with diffusing knowledge and vision. The term ‘Amchi’ literally means community medical service in Ladakhi, for those who are selflessly dedicated to support humanitarian
- Minor and major dental camps in and around Manipal throughout the year
- Awareness programs on AIDS and Cancer among the general public
- School Dental Health Program, oral hygiene day, No tobacco day, Swaach Bharat program are organized
- Varambally village was adopted to make it Tobacco free village
- Conducting free dental screening and tobacco cessation awareness camp for the Auto rickshaw drivers of Manipal. The dental check-up was done for around 200 auto rickshaw drivers of Manipal and oral prophylaxis was done for free in the mobile dental van
- Oral hygiene awareness camp was organized for the retired policemen in the department of Public Health Dentistry where, the oral screening was done, oral prophylaxis was done and oral hygiene awareness talk was given by Dr Ramprasad, Associate Professor, Department of Public Health Dentistry.
- National Science Day was celebrated by providing oral health check up to school children and giving them free health cards for treatment. The event in which 174 children and 24 teachers from 11 schools in and around Udupi and Manipal took part. The students were educated on the scope of dentistry as a

career opportunity. They were also told about tobacco abuse, awareness on child abuse, oral habits and health care delivered by pedodontists in Pediatric and Preventive dentistry using posters.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area (Acres)	641.81	Nil	-	641.81
Class rooms	05	Nil	-	05
Laboratories	14+02	-	-	16
Seminar Halls	12	-	-	12
No. of important equipment's purchased (\geq 10 lakh) during the current year.	469	34	Self	503
Value of the equipment purchased during the year (Rs)	1620.28	249.07	Self	1869.35
Others	-	-	-	-

4.2 Computerization of administration and library

<ul style="list-style-type: none"> ▪ Employee management software ▪ Student information system ▪ Purchase inventory module ▪ Patient Management system ▪ Online journals and catalogue ▪ Research management system

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books and Reference books	3995	29,69,856.58	116	4,74,696.16	4111	34,44,552.74
e-Books	-	-	-	-	-	-
Journals (Print)	-	-	-	-	46	36,09,999.00
e-Journals (Online)	-	-	2	-	15	
Journals (Print+online)	-	-	-	-	7	
Digital Database	-	-	-	-	-	-
CD & Video	40	-	-	-	40	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	40 + 63	-	Yes	-	-	05	30	05
Added	04	-	-	-	-	-	04	-
Total	44 + 63	-	100 Mbps	-	-	05	34	05

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Students and faculty are provided with laptop with an access to internet via LAN or Wi-Fi. Wi-Fi facility is made available for all the faculty at the new annexe building. The newly admitted students are provided with e-books for the first year program.

4.6 Amount spent on maintenance in lakhs:

i) ICT	31.74
ii) Campus Infrastructure and facilities	55.63
iii) Equipments	69.70
iv) Others	51.66
Total:	208.73

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The college organizes a detailed Two-day orientation program for the newly admitted students to get acquaintance to the new system, procedures, rules, regulations and course syllabus. In addition the orientation involved lectures and video demonstration on various facilities provided to student in campus of BDS program.

5.2 Efforts made by the institution for tracking the progression

- Each department monitors students attendance on a monthly basis
- Students with shortage of attendance and slow learners are counselled
- Online attendance of lectures, practicals and clinicals on a daily basis with an access to students and parents
- End posting exams, day to day assessment of clinical work of students, seminars, etc.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
541	106	01	33

(b) No. of students outside the state

576

(c) No. of international students

57

	No	%		No	%
Men	196	28.78	Women	485	71.22

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

Demand ratio 1:81.41 UG, 1: 34.67 PG Dropout % 0.29 UG, Nil PG

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Nil

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT

IAS/IPS etc. State PSC UPSC Others

5.6 Details of student counselling and career guidance

- Various seminars and continuing professional education programs have been organized for the benefit of students.
- Future Dental Professionals program was organized in association with Colgate and Indian Dental Association to highlight the importance of practice management, etc.
- In addition, several Continuing professional and dental education programs were conducted.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>		<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
-	-	-	-

5.8 Details of gender sensitization programmes

- Gender sensitization program was conducted for First and Second BDS students on September 02, 2015.
- Gender sensitization program was conducted for Teaching and Nonteaching staff on July 2, 2015, August 6th & 7th, 2015, October 15th & 16th, 2015 & January 27, 2016

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	34	96,08,361
Financial support from government	-	-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	9	-

5.11 Student organised / initiatives:

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

Following programs were conducted by the Students Council

1. Free Dental Check-up and Tobacco cessation programme was organized for Auto drivers' union on October 9, 2015
2. World Aids day was celebrated on December 1, 2015 – A panel discussion on various measures, controls and causes that were prevalent in the world leading to the spread of the disease. This was followed by a street paly to bring about the awareness on the AIDS for the general public.
3. National Science Day was celebrated on February 28, 2016 and awareness program on ill effects of substance abuse and child abuse was organized for children 11 different schools
4. On May 31, 2016 NO Tobacco Day was celebrated and our college adopted Varambally Grama Panchayath, Brahmavara, in Udupi taluk to make it a role model tobacco free grama panchayath in the next 24 months

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision: To be leaders in oral health care at national and international level

Mission: Global excellence in dental education and oral health care

6.2 Does the Institution has a management Information System

- Patient Management System
- Purchase and Inventory System
- Employee self-service
- Student Information System
- Online attendance for students
- Finance and Accounting system
- Biometric attendance

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Regular Board of studies meetings are held at university level to review the academic progress of the student, curriculum delivery and student feedback on various aspects of the academic program

6.3.2 Teaching and Learning

- Teaching and learning activities are planned at the beginning of the year and the process of timely delivery is evaluated through internal audits. Student learning is evaluated through planned internal assessment and the slow learners are counselled.

6.3.3 Examination and Evaluation

- E-pad examination will be introduced to the first year students. In this regard, an orientation program on the e-pad examination was organized to the students.

6.3.4 Research and Development

- The college has taken an initiative to improve the quality of publications by promoting the publication of research articles in journals indexed in Scopus or web of science.
- An awareness program on the possibility for the grant writing and development of innovative medical devices, interdisciplinary collaborative research areas, etc. was organized involving Dr. TMA Pai chair on biomedical devices. Prof. Venkatesan interacted with faculty and enlightened on these aspects

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Renewal and purchase of new journal subscriptions and books was undertaken. All the departments put forward the requirements for the equipment's during the budget proposal and the sanctioned equipment's are procured.

6.3.6 Human Resource Management

- New faculty are recruited against the vacant positions. The newly recruited faculty are oriented to the quality, policy, quality objectives, job responsibilities, services rules, etc. at the departmental level.
- Yearly performance appraisal of the faculty is carried and performance incentives are awarded based on the appraisal.

6.3.7 Faculty and Staff recruitment

Faculty and staff are recruited to meet the requirements of statutory body (Dental Council of India).

6.3.8 Industry Interaction / Collaboration

- The college is actively involved in industry collaboration with Nobel Biocare Ltd and is organizing a certificate course in Oral Implantology. This year a total of two post graduate dissertation projects are funded by Nobel Biocare. Similarly, Biogaia, Sweden provided materials for the postgraduate dissertation research at the department of Pedodontics and Preventive Dentistry.

6.3.9 Admission of Students

Admission of students is a centralized activity and is done through the NEET examination.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none">▪ Medicare facility▪ Employee Pension▪ Provident Fund▪ Institutional Accommodation facility▪ Scholarship on course fee of employee children and or spouse▪ Reimbursement of children's educational fees▪ Scholarships for children studying at schools under academy of general education▪ Interest subsidy on housing/utility loan
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	<ul style="list-style-type: none"> ▪ Sodexo meal and gift coupons ▪ Valley club ▪ Leave travel allowance ▪ Group insurance program ▪ National Pension scheme
Non-teaching	<ul style="list-style-type: none"> ▪ Employee State Insurance ▪ Medicare facility ▪ Employee Pension ▪ Provident Fund ▪ Institutional Accommodation facility ▪ Scholarship on course fee of employee children and or spouse ▪ Reimbursement of children's educational fees ▪ Scholarships for children studying at schools under academy of general education ▪ Group insurance program ▪ National Pension scheme
Students	<ul style="list-style-type: none"> ▪ Medicare ▪ Hostel facility ▪ Mareena Facility

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	✓	TÜV Rheinland India Pvt Ltd., Bangalore	✓	Quality Cell
Administrative	✓	TÜV Rheinland India Pvt Ltd., Bangalore	✓	Quality cell

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- E-pad examination is introduced as an alternative and also as an environmental initiative to save the paper. Faculty involved in the examination process are trained about the preparation of question papers and evaluation using E-pad system.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The college has autonomy in the following aspects

- Curriculum development and revision through board of studies
- Academic calendar and timetable preparation
- Pattern and scheme of evaluation.

6.11 Activities and support from the Alumni Association

- A. Conservative Dentistry & Endodontics hosted a continuing professional development program, "SPECTRUM'15- Expanding the golden horizon" on July 9, 2015 at MCOODS, Manipal, the resource person being Dr Darshanjit singh Pannu, a MCOODS, Mangalore alumnus of 1990 batch.
- B. Guest Lecture on July 27, 2015 “ Full Mouth Rehabilitation “ organized by Dept. of Prosthodontics, MCOODS, Manipal Dr. Manoj Shetty, Professor & Head, Dept. of Prosthodontics, A. B. Shetty Memorial Institute of Dental Sciences, Mangalore, MCOODS, Manipal alumnus
- C. Guest Lecture Title “Current and Advanced Surgical Skills” Dr. Rupak D’Souza, BDS, MBBS, FRCS on July 27, 2015 organized by Department of Oral Surgery by
- D. Guest Lecture Titled “Reconstruction an oral rehabilitation in Head and Neck Oncology Patients – Novel approaches using digital surgical design and simulation in advance jaw reconstruction with prefabricated vascularized flaps” on December 12, 2015 by Dr. Suresh Nayar, University of Alberta, Edmonton, Canada (MCOODS Manipal Alumnus)
- E. Dr. Jayaram mailankody – Resource person for CDE “The Erudite Practitioner” on 5th Jan 2016
- F. CPD Program Organized by Department of Pedodontics & Preventive Dentistry “PEDODONTIA – III” “EXPERTISE TO EXERCISE “workshop on rotary endodontics on January 16, 2016. The resource person for the program alumnus of our institution Dr. Vivek Hegde
- G. The Department of Periodontology, Manipal College of Dental Sciences, Manipal University, Manipal organized a “Postgraduate Alumni Meet 2016” as a part of “Golden Jubilee Celebrations” of Manipal College of Dental Sciences, Manipal on March 24, 2016. Scientific lectures were delivered by our alumni, Dr. Sukhchain Bagga and Dr. Neeraj Deshpande “Periodontal Plastic Surgery” and “Non-surgical Periodontal Therapy”, respectively.

- H. Continuing Professional Development Program organized by Department of Periodontology “Pharmacotherapeutics in Plaque Control” on February 17, 2016
 Guest Speaker: Dr. Arun Kumar MS, Professor in the Department of Periodontology, Yenepoya College of Dental Sciences, Mangalore delivered lecture on Chemical Plaque control-Is it an Absolute necessity? Alumnus of the college About 47 participants, including the postgraduates and faculty of Manipal College of Dental Sciences, Manipal, benefitted from this program. They got an insight on the various aspects of clinical trials and their registry in India, which is one of the most difficult aspect of research. Besides, current concepts on the applications of phytochemicals as well as chemical plaque control added to the knowledge of the participants
- I. To celebrate the successful completion of 50 years, the college organized Golden Jubilee Alumni meet on March 27, 2016. The meet involved the following academic activities in the form of scientific deliberations, talks and seminars along with interaction with current students.
1. Airway Considerations as Craniofacial Practitioners by Dr. Manish Valiathan
 2. “Facial Aesthetics and Aesthetic Dentistry” by Dr. Eubulus Timothy
 3. “Chemoprevention of Oral Cancer “ By Dr. Moni Abhraham Kuriakose
 4. “Redefining Integrative biologic Dentistry through Ayurveda” by Kalpna Ranadive
 5. “Immediate Implant placement and Loading in infected extraction Socket by Dr. Abhay Lamba

6.12 Activities and support from the Parent – Teacher Association

Nil

6.13 Development programmes for support staff

Following programs are conducted-

- Fire drill
- Training in Material manipulation
- Infection control
- PMS system training

6.14 Initiatives taken by the institution to make the campus eco-friendly

The college is certified for ISO 14001:2004 along with ISO 9001:2008 under the university for its best practices in Environmental and quality management systems. An effort is made to reduce the amount of paper, power and water used as far as possible.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- ✓ A workshop on research ethics: Current perspectives was organized to bring about awareness on the ethical considerations for carrying out research activities at the college to all the faculty.
- ✓ An interactive session with Dr. TMA Pai chair was organized to encourage faculty in developing innovative dental devices.
- ✓ Scientific seminars, interactive sessions on funding opportunities was also organized for the faculty members

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Yearly quality objectives were discussed and finalized at a meeting held on 29th January 2016.
- Plan for conducting two internal audits was finalized.
- Necessary data for the submission of application for ranking of the college at national level by The week and Outlook was undertaken.
- A fire mock drill training program was conducted for the faculty and students
- Four faculty were trained under the internal auditor program

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- External peer members and Students are involved in the board of studies meetings
- BLS and parenteral drug administration training for undergraduate students
- Short term research projects for students
- Leadership training program for students

****Provide the details in annexure (annexure need to be numbered as i, ii, iii)***

7.4 Contribution to environmental awareness / protection

The college is granted ISO 9001:2008 and 14001:2004 certifications by TUV Rhineland Ltd, for best practices in the quality and environmental management system

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

<p>Strengths:</p> <ul style="list-style-type: none"> ▪ Consistently ranked as the best Dental College in the Country (ranked no: 01 in private sector, ranked no: 02 among the top 15 dental colleges as per Outlook-MDRA Survey) for 8 consecutive years. ▪ An institute with great number of alumni who have made an impact around the globe. ▪ State of the art infrastructure for imparting clinical training for students. 	<p>Weaknesses:</p> <ul style="list-style-type: none"> ▪ Research potential has not been fully realized ▪ Lack of dedicated funding agencies for dental research
<p>Opportunities:</p> <ul style="list-style-type: none"> ▪ Potential to enhance collaborative research with national/ international universities/ industries ▪ Dental tourism ▪ International board accreditation for UG program 	<p>Challenges:</p> <ul style="list-style-type: none"> ▪ To maintain the top position among the dental colleges ▪ To foster global competencies among our students ▪ Limited scope for research grants in dentistry

8. **Plans of institution for next year**

<ul style="list-style-type: none"> ▪ To strengthen collaborative activities. ▪ To enhance the number of publications in high impact journals. ▪ To initiate e-learning program for undergraduate students. ▪ To initiate e-pad examination process.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure I

Abbreviations:

CAS	-	Career Advanced 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
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
