

FATHER MULLER MEDICAL COLLEGE,
MANGALORE, KARNATAKA



ANNUAL QUALITY ASSURANCE
REPORT (AQAR)

2015-16

The Annual Quality Assurance Report (AQAR) of the IQAC

Father Muller Medical College, Mangalore is accredited with 'A' Grade by "NAAC" will be submitting an annual self-reviewed progress report to NAAC, through its IQAC. The AQAR submitted is for period September 2014 to August 2015.

Part - A

1. Details of the Institution:

1.1 Name of the Institution	Father Muller Medical College
1.2 Address Line 1	Father Muller Road
Address Line 2	Kankanady
City/Town	Mangalore
State	Karnataka
Pin Code	575 002
Institution e-mail address	frmullersnaac@yahoo.com
Contact Nos.	0824-2238330

Name of the Head of the Institution:	Dr. Jayaprakash Alva
Tel. No. with STD Code:	0824-2238330
Mobile:	9845206369
Name of the IQAC Co-ordinator:	Dr. Ramesh Bhat
Mobile:	9845084224
IQAC E-mail address:	rameshderma@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879): **15282**

1.4 Website address:	www.fathermuller.edu.in
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Web-link of the AQAR:

<http://www.fathermuller.edu.in/medicalcollege/AQAR201415.pdf>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.15	25.10.2013	24.10.2018
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

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

13.06.2012

1.7 AQAR for the year (for example 2010-11)

2015-16

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 2013-14 submitted to NAAC on 08.11.2014.
- ii. AQAR 2014-15 submitted to NAAC on 24.10.2015.
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 I. Institutional Status:

- a) University:** State Central Deemed Private
- b) Affiliated College:** Yes No
- c) Constituent College:** Yes No
- d) Autonomous College of UGC** Yes No
- e) Regulatory Agency approved Institution (e.g. AICTE, BCI, MCI, PCI, NCI)** Yes No

- II. 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)

Rajiv Gandhi University of Health Sciences,
Bangalore, Karnataka

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	<input type="text" value="12"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="04"/>
2.4 No. of Management representatives	<input type="text" value="04"/>
2.5 No. of Alumni	<input type="text" value="02"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="02"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="-"/>
2.8 No. of other External Experts	<input type="text" value="02"/>
2.9 Total No. of members	<input type="text" value="28"/>
2.10 No. of IQAC meetings held	<input type="text" value="18"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="35"/> Faculty <input type="text" value="22"/>
	Non-Teaching Staff <input type="text" value="5"/> Students <input type="text" value="5"/> Alumni <input type="text" value="1"/> others <input type="text" value="Parents-2"/>
2.12 Has IQAC received any funding from UGC during the year? If yes, mention the amount	Yes <input type="text" value="-"/> No <input checked="" type="checkbox"/> <input type="text" value="-"/>
2.13 Seminars and Conferences (only quality related)	
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
Total No's.	<input type="text" value="16"/> International <input type="text" value="-"/> National <input type="text" value="02"/> State <input type="text" value="01"/> Institution Level <input type="text" value="13"/>

(ii) Themes:

1. Conference on 'Patient Safety in Obstetrics'.
2. Workshops on,
 - Vaccum delivery
 - Total Laproscopic Hysterectomy
 - Contraception
 - Colposcopy master class
 - Advanced Airway Management
 - Expanding Horizons in Urticaria

- Otoendoscopy
- Open ear surgery and functional endoscopic surgery
- Go Green in Healthcare
- Descriptive Psychopathology
- Therapeutic Taping for common musculoskeletal conditions
- Fascia related dysfunctions – assessment and management.

3. KARAVALIDERMA

4. Neonatal Emergency Simulation Training Course.

2.14 Significant Activities and contributions made by IQAC:

- “Go Green in Healthcare” – one day conclave for healthcare professionals conducted on 23-01-2016.
- Workshops and Seminars organized for Faculty enrichment.
- Strengthening of various Community activities through establishment of sub-centres.
- Up-gradation and expansion of Rural Health Training Centre.
- Monthly IQAC meeting conducted on 2nd/ 4th Saturday of the month.
- Evaluation of department activities and action plans through internal audits.
- Online feedback through Management Information System (MIS) from stakeholders.
- One Internal and one external audit were conducted.
- “Case Based Learning” has been strengthened.
- NABL reaccreditation was obtained.
- Indoor stadium under construction Phase II.
- Auditorium work in progress Phase II.
- Establishment of Simulation and Skill Centre - Phase II.
- Nine floor multi-storeyed New Doctors’ Quarters “MULLER NEST”

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
1.	Feedback on the Curriculum from Undergraduate students.	Module for obtaining feedback from undergraduate students has been prepared & discussed in IQAC meeting; Feedback has been obtained from 3 batches of students.

2.	Strengthening of Case Based Learning.	Workshop for faculty on Case Based Learning was organised on 17-11-2015 and Case Based Learning has been implemented in all the departments.
3.	Completion of the Lesson plans of all departments.	Lesson plan has been prepared by the departments.
4.	Introducing OSCE as one of the evaluation methodologies for clinical subjects.	OSCE has been introduced as one of the methods of assessment in some clinical departments.
5.	New website for the institution with '.edu'.	New website has been developed: www.fathermuller.edu.in/
6.	WiFi coverage in hospital and medical college.	WiFi coverage has been extended and enhanced with from 100 mbps to 250mbps speed.
7.	Renovation of Medical College.	Medical college has been renovated with new waiting lounge, cladding of premises, painting, signages, flooring.
8.	Upgrading of Hospital facilities.	PICU and NICU have been upgraded with latest state of the art facilities.
9.	Completion of 2 nd Phase of Simulation and Skill centre.	2 nd phase of Father Muller Simulation and Skill centre has been completed and.
10.	Creation of a team of trained faculty for Simulation and Skill centre.	Team of 30 trained faculty are available.
11.	Completion of 2 nd Phase of Auditorium.	2 nd phase of Auditorium has been completed.
12.	New Staff Quarters	"Muller Nest" - Nine floor multi-storeyed new Quarters for Doctors with all amenities has been constructed (38 flats).
13.	Strengthening Student development activities.	-Various activities of Social significance like AIDS Day, Diabetes Day, Bio Ethics etc were conducted by the Student development committee. -Programme on Communication Skills -Group counselling for 1 st MBBS students has been organized.

14.	Biannual audit of all departments.	Midterm & Annual Academic audits were conducted as per the schedule.
15.	Feedback from stakeholders through MIS.	Module for obtaining feedback from stakeholders through MIS has been prepared, discussed during IQAC meeting & uploaded in MIS.
16.	Training of faculty, supporting staff and students in Simulation and Skill centre.	Training of faculty, supporting staff and students in Simulation and Skill centre conducted by the co-ordination committee.

** Please find the Academic Calendar of the year as Annexure- I*

2.16 Whether the AQAR was placed in statutory body: Yes No
Management Syndicate any other body

Provide the details of the action taken:

- Presented the AQAR in governing board meeting held on 11.10.2016 and approved.
- All initiatives, projects mentioned in the AQAR are approved by the Governing board.

Part - B
Criterion - I
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
UG (MBBS, BPT, MIT, RT, MLT)	05	Nil	05	01
PG (MD, MS, Diploma, MPT, MHA, MScMLT)	28	Nil	28	03
Super specialisation (MCh)	01	Nil	01	--
Fellowship (Perinatal Medicine, Gynaec Oncology, Medical Cosmetology)	03	Nil	03	--
PhD	03	01	04	--
Interdisciplinary	Nil	--	--	--
Innovative	Nil	--	--	--

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	1
Trimester	Nil
Annual	39

Details:

Sl No.	Pattern	Name of the Programme
1.	Annual	UG (MBBS, BPT, MIT, RT, MLT)
2.	Annual	PG (MD, MS, Diploma, MPT, MHA, MSc)
3.	Annual	Super specialisation (MCh, DM)
4.	Annual	Fellowship
5.	Annual	PhD
6.	Annual	UG (MBBS, BPT, MIT, RT, MLT)
7.	Semester	Master in Hospital Administration

1.3 Feedback from stakeholders: Alumni

Parents

Employers

Students

(On all aspects)

Mode of feedback :

Online

Manual

Co-operating schools (for PEI)

** Please find the Feedback as Annexure- II*

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

- | |
|---|
| <ul style="list-style-type: none"> Revision of Hospital Administration syllabi in October 2015. Last revision - MBBS: 2010; PG: 2000. |
|---|

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

1. State of the art Simulation and skill centre.
2. Health Sub-centre at Ullaibettu in August 2016.

Criterion – II
Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	488	70	39	64	315

2.2 No. of permanent faculty with Ph.D. 06

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
	08	--	02	--	05	--	21	02	36	02

2.4 No. of Guest and Visiting faculty and Temporary faculty: 33 04 25

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International Level	National Level	State Level
Attended Seminars/ Workshops	16	109	169
Presented Papers	06	11	20
Resource Persons	17	25	58

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

1. Strengthening of Case Based Learning.
2. Animated Video Model Teaching.
3. Student Doctor method in clinical training – In this system students interview and examine patients in medicine OPD as doctors and draw a management plan in consultation with staff members.
4. E-learning - Google groups, *Kahoot*.
5. Modified Fishbowl Technique for PG's.
6. Department protocols for management of paediatric emergencies.
7. New teaching programme in PG curriculum- “Controversies in Paediatrics” which will enable Post graduates to debate over common topics and methodology practiced and gives them a broad prospective of the subject and practices.

9. Research methodology training in a workshop format for the undergraduates has been introduced in one department. Students are also given hands on training in statistical analysis using SPSS software.
10. CCTV Teaching of microscopy slides.

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

PG – 365, UG – 276 (2 Weeks Easter Vacation/2 weeks Christmas Vacation)

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

Formative assessment:

1. Open Book examination and Multiple choice questions.
2. Online Multiple Choice Questions.
3. OSCE.
4. Double Evaluation (PG).
5. Uniform valuation: each staff corrects same question in all papers of the particular test.

Summative assessment: As per the RGUHS guidelines.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as Member of Board of Study/Faculty/Curriculum Development workshop

Board of Studies: 8	CAM	Curriculum revision committee: 6
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2.10 Average percentage of attendance of students

90% - for PG & Allied Courses 80% - for MBBS

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	Pass %	Total %
<u>MBBS</u>						
I Year	34	----	----	----	56%	56%
II Year	150	3%	49%	16%	9%	77%
III Year	108	2%	38%	38%	3%	81%
IV Year	85	-----	39%	41%	6%	86%
<u>PG MEDICAL DEGREE/DIPLOMA</u>						
MD (Gen Med)	7				86%	86%
MS (Gen Surg)	8				100%	100%

MS (Obg)	1				100%	100%
MD (Paed)	3				100%	100%
MS (Ortho)	5				100%	100%
MD (Anaes)	4				100%	100%
MD (Psy)	3				100%	100%
MD (Der.Ven.Lep.)	5				100%	100%
MS (ENT)	2				100%	100%
MD (Pathology)	6				83%	83%
MD (Radio-diagnosis)	4				100%	100%
MD (Radiotherapy)	4				100%	100%
MS (Ophtalmology)	2				50%	50%
MD (Microbiology)	3				33%	33%
MD (Pharmacology)	5				100%	100%
DCH	2				100%	100%
D.Ortho	2				50%	50%
D.G.O.	1				100%	100%
DA	2				100%	100%
DPM	2				100%	100%
DDVL	2				100%	100%
DLO	1				100%	100%
DMRD	1				100%	100%

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	Pass %	Total %
<u>BPT</u>						
I YEAR	40	3%	25%	27%	13%	68%
II YEAR	32	--	38%	31%	6%	75%
I II YEAR	31	6%	61%	24%	3%	94%
IV YEAR	15	--	27%	66%	--	93%
<u>MLT</u>						
I YEAR	31	3%	23%	26%	9%	61%
II YEAR	16	38%	19%	--	6%	63%
III YEAR	20	55%	10%	--	10%	75%
<u>MIT</u>						
I YEAR	24	4%	21%	25%	--	50%

II YEAR	17	5	9	--	1	88%
III YEAR	18	1	17	--	--	100%
<u>RT</u>						
I YEAR	8	--	38%	24%	13%	75%
II YEAR	3	33%	67%	--	--	100%
III YEAR	5	--	80%	20%	--	100%
<u>MPT</u>						
I YEAR	--	--	--	--	--	--
II YEAR	10	--	--	--	90%	90%
<u>M.Sc. MLT</u>						
I YEAR	6	--	50%	--	--	50%
II YEAR	1	--	100%	--	--	100%
<u>MHA</u>						
I SEMESTER	4	--	--	--	75%	75%
II SEMESTER	15	--	47%	40%	--	87%
III SEMESTER	2	--	50%	--	50%	100%
IV SEMESTER	13	15%	77%	8%	--	100%

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

- Meetings and interaction with faculty.
- Regular Student feedback.
- Internal audit is conducted by IQAC members.
- IQAC coordinates with the Library and IT Department.

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher Courses	03
UGC – Faculty Improvement Programme	Nil
HRD Programmes	45
Orientation Programmes:	
Competency Based Medical Education	⇒ 44
Case Based Learning	⇒ 33
Total	⇒ 77
Faculty Exchange Programme	02
Staff training conducted by the University	08

Staff training conducted by other Institutions		06
Summer / Winter schools, Workshops, etc.	⇒	55
Post –graduate Dissertation training workshop	⇒	88
Reading Enhancement Workshop	⇒	10
TOTAL		153
Others:		
CME	⇒	32
Faculty Improvement Programmes –(Medical Education Unit)	⇒	03
Short Term Course on “Research Methodology And Biostatistics”	⇒	02
Paths after Internship	⇒	61
Patients Safety through Safe Medication	⇒	23
Guest Lecture	⇒	24
TOTAL	⇒	145

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	66	-	-	-
Technical Staff	56	-	-	-

Criterion - III **Research, Consultancy and Extension**

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

- Orientation programmes on research methodology and statistics for students and staff
- Provide incentive to staff for research and publications
- Research grants – Staff encouraged in writing grant proposals for funding from the National / International research funding agencies
- Necessary infrastructure for research is provided.
- Animal house set up as per MCI guidelines.
- Residents/students are given financial support for conducting studies.
- Weightage given for research/publication at the time of promotion
- Large scale up gradation of internet facilities, e journal base.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted/ Final round
Number	04	06	02	01
Outlay in Rs. Lakhs	<ol style="list-style-type: none"> 1. A Study of Virulence Factors of Gardnerella vaginalis to Distiguish between Pathogenic and commensal Status" 2. Occurrence of drug resistance among relapse cases, poor responders and new cases of leprosy – A multicentric study in India 3. Clinical, biochemical and cyto morphological features of patients presenting with goiter." 4. " Estimation and correlation of blood lead levels in the hulivesha dancers of costal Karnataka" 	<ol style="list-style-type: none"> 1. Indian Association of Dermatologists, Venereologists and Leprologists (IADVL) GaldermaIndian Association of Dermatologists, Venereologists and Leprologists (IADVL) Sunpharma grant 2. "Mechanistic studies to understand the possible reasons for the skin care effects of Sandalwood(Santalum album), a medicinal plant indigenous to Karnataka" 3. "Salivary Biomarkers of Alcohol Dependence A correlative Study of Conventional Marker Enzymes Oxidative Stress Indices and Salivary Glycoproteins and Salivary Glycoproteins in Male Chronic Alcoholics" 4. "Analysis of Biofilm Production and Antibiofilm Activity in Anaerobic Microbial community of Human" 5. A prospective, Post Marketing Surveillance study to study the safety and effectiveness of omalizumab in Indian patients with Chronic Spontaneous Urticaria refractory to standard of care 6. "Antifungal drug sensitivity in treatment of dermatophytic infections" 7. "A multicentric, prospective and retrospective study of Stevens Johnson (SJS),toxic epidermal necrolysis (TEN) & SJS-TENoverlap in Indian scenario" 8. A study of the bacteriology of acne and in vitro Antibiotic susceptibility patterns of oral and topical antibiotics in treatment of acne 	<ol style="list-style-type: none"> 1. Dr Savita Lasrado: A Multi-Centre --- Oropharyn geal Candidiasi s 2. Dr.Sukumar D: A randomized double blind ... systemic therapy 	<p>Dr Princy Palatty Dr Sanjeev Rai ICMR</p>

		9. "A Randomized, Double-Blind, Placebo-Controlled, Comparative, Prospective, Multicentre Trial to Assess Efficacy and Safety of Apremilast Tablets in Subjects with Moderate to Severe Plaque Psoriasis who are Candidates for Phototherapy or Systemic Therapy"		
	16,73,000	50,06,000	25,00,000	14,65,000

3.3 Details regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	130	217	-	-
Outlay in Rs. Lakhs	1,57,000	1,17,000	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	67	55	04
Non-Peer Review Journals	01	04	-
e-Journals	09	11	01
Conference proceedings	07	09	05

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	Name of the funding Agency	Total grant sanctioned	Received
Major grants	2015-16	RGUHS-ICMR	50,06,000	07, 2,000
Minor Projects	2015-16	Nil	Nil	Nil

3.7 No. of books published:

i) With ISBN No. : 02 (ISBN No.: 9788123928951, 9789386056856)

ii) Chapters in Edited Books: 01 (Vol. 12 . Chapter 13. JAYPEE Brothers. 2015. ISBN : 978-93-5152-790-9, Chapter 13, 205-220.)

iii) 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:

- Rs. 36,000/-

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	02	01	01	43
Sponsoring agencies	-	1. Self Funding Karavali Derma 2.College/FMCI	1. Self Funding	Self Funding	1. Self Sponsored 2. FMCI/College

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 or University/College

Total

3.16 No. of patents received this year – 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
2	--	1	1	--	--	--

3.18 No. of faculty from the Institution who are Ph. D. Guides and Students registered under them

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

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

JRF SRF Project Fellows MD Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events: Nil

3.23 No. of Awards won in NSS: Nil

University level State level

National level International level

3.24 No. of Awards won in NCC: Nil

University level State level

National level International level

3.25 No. of Extension activities organized: 10

University forum College forum

NCC NSS

Any other

NSS Activities in the year 2015 - 2016

- 1) Cleaning of *Tannirbhavi* beach on 17th April 2016 as a part of *Swachh Bharat* campaign.
- 2) Breast feeding awareness week was conducted from 1st August to 6th August 2016. A rally was conducted on 2nd August 2016 to create breast feeding awareness.
- 3) *Vanamahotsava* was celebrated on 11th August, 2016 as a part of NSS Activity.
- 4) As a part of, "Independence 70" Candle light march was organized on 14th August 2016.
- 5) As a part of this activity "Independence 70' a theme of Yaad Karo Qurbani" singing, skit and poster competition was organized on 20th August 2016.

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility: Many Health Check up Camps, Blood Donation Camps and other Extension activities are conducted by the departments. Details of the camps enclosed separately.

Camp details Please see Annexure - III

Criterion - IV
Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	32 Acres 17.5 cents	-	-	-
Class rooms	28	16	Self Funding	44
Laboratories	04	06	Self Funding	10
Seminar Halls	06	-	Self Funding	06
No. of important equipments purchased (\geq 1 lakh) during the current year.	-	42	Self Funding	42
Value of the equipment purchased during the year (Rs. in Lakhs)	22,96,40,551	4,36,06,113	Self Funding	27,32,46,664
Others: Additions (Rs. In Lakhs)	-	-	Self Funding	-
Buildings (MICU, NICU, Dialysis unit and other wards renovation)	-	1	Self Funding	75,53,365
Campus Landscaping & road works	-	-	Self Funding	17,25,305.12
ETP/STP Plant	-	1	Self Funding	17,42,330
Medical college building	-	1	Self Funding	31,25,119.64
Multipurpose Stadium	-	1	Self Funding	23,48,117.16
Operation Theatre	-	1	Self Funding	19,00,764
Skill Lab	-	1	Self Funding	2,24,860

4.2 Computerization of administration and library:

- Application software used is Easy lib.
- Charging and discharging work is computerized.
- Publications are Bar-coded.
- Barcode printer and scanner were added to the circulation section.
- Biometric Access Control System is installed to the UG/PG entrance door
- Library Software EPAC (Electronic Public Access Catalogue) was linked to all the departments of FMMC from the Central Library.
- Ezproxy: Remote access to e-resources service is provided to faculty and students.

1.3 Library services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	12821	1,81,42,490	466	16,70,266	13287	1,98,12,756
Reference Books	5330	-	232	-	5562	-
Donated Books	2333	-	09	-	2342	-
e-Books	15167	-	-	-	-	-
Journals	565	2,38,64,834	Same Journals added (174)	25,01,430	565	2,63,66,265
e-Journals	6834	-	-	-	6834	-
Digital Database	1.HELINET 2.DELNET 3. INFLIBNETS N-LIST Programme 4. Uptodate 5. Mangalore University 6. British Council 7. American Library 8. J-Gate – Biomedical Sciences 9. Animal Simulator (CL Pharmacology)	22,28,500 73,500 - 30,51,764 50,000 20,600 6,400 1,56,557 1,09,551	- Clinical Key	1,09,551 42,871 1000 1100 700 80,674		58,23,216
CDs	658	-	15	-	673	-
Others (specify)	1.Easylib (Library Software) 2. D- Space 3. .Fedgate (software) 4.Ezproxy (-remote access to e-resources) 5. END NOTE	1,67,883 5,000 2,09,843 1,36,410		1,09,173 60,154		28,41,953

6. SPSS Software	3,71,893				
<u>Reprography</u>					
a.Black & white	3,85,000				
b. B/W &/colour	1,60,000				
c. Networking	54,600				
Printer	2,30,717			2,49,300	
4. Biometric	-				
		Reprography			
<u>Bound Volumes:</u>	34,563	Machine new		5987	-
5968					
	6,01,582	19		-	
Newspapers				12,736	
Binding (Books & Journals)				26,755	
<u>Thesis/Dissertations</u>					
862					

2016-2017:

	April - August 2016		
	No.	Newly Added	Value
Text Books	143	-	3,60,617
Reference Books	71	-	-
Donated Books	436	-	-
e-Books	14869	-	-
Journals	170	-	21,28,023
e-Journals	7147	-	-
Digital Database	1.HELINET	-	2,08,500
	2.DELNET	-	11,500
	3. Uptodate	-	\$11,074.00
	4. J-Gate-Biomedical Sciences	-	-
	5. INFLIBNETS N-LIST Programme	-	78,006
CDs	-	14	-
Others (specify)			
1. Fedgate (software)	-	-	1,06,542
2. Ezproxy (remote access to e-resources)	-	-	65,451
3. Easylib (Library software)	-	-	2,500
	-	-	-
	<u>Bound Volumes: 219</u>		
	<u>Thesis/Dissertations: 18</u>		
	Binding (Books & Journals)		

4.4 Technology up gradation (overall):

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	519	22	100 mbps	41	-	10	-	383
Added	65	-	-	-	-	-	-	39
Total	584	22	-	41	-	10	-	422

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

- Wi-Fi enabled LAN networking system campus
- Remote access to e- library to all staff and students.
- Training has been given on the use of MIS & HIS package.
- LCD and internet system, Laptop and Desktop in all departments.
- Expansion of E-technology has enhanced the use of computers in teaching-learning, evaluation and research.
- Internet browsing is available for teachers and students at the Internet Centre free of cost
- Orientation to students on Basic Computing with 280 mbps of leased line.

4.6 Amount spent on maintenance in lakhs:

ICT		1,029,815
Campus Infrastructure and facilities		
Building Maintenance	20,421,979.00	
Furniture Repairs	151,399.00	
Lift Maintenance	570,911.00	
Premises Maintenance	4,560,825.00	
		25,705,114
Equipments		
Equipment Maintenance	6,774,109.00	
Service Contracts	17,671,330.00	
STP Expenses	1,260,968.00	
		25,706,407
Other		
Disposal of Bio-Medical Waste	739,921.00	
Motor Repairs and Maintenance	639,252.00	
Road Tax and Insurance	447,439.00	
		1,826,612
Total		54,267,948

Criterion - V

Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Orientations, website, student council
- Career guidance committee formed.
- Group counselling for students
- Extension of Wi-Fi facility to entire campus
- Simulation and skill Centre – Phase II
- Orientation during Parent Teachers meeting.
- Alumni Association.
- Book Bank for all students
- Reimbursement facility for students participating in cultural/sports.

5.2 Efforts made by the institution for tracking the progression:

- Tracking of student's progression department wise
- Data available on MIS.
- Mentor - mentee system

5.3 (a) Total Number of students

UG (MBBS)	PG	Ph. D.	Paramedical UG	Paramedical PG'S	Others
650	255	5	419	101	

(b) No. of students outside the state

MBBS	215
PG	97
Paramedical	UG - 342 PG - 63

(c) No. of international students

MBBS- Overseas	03
Paramedical - Overseas	04

Men

No	%
MBBS - 208	32
PG - 118	46
Paramedical	
UG - 136	32
PG - 22	22

Women

No	%
MBBS - 442	68
PG - 137	54
Paramedical	
UG - 283	68
PG - 79	78

Bachelor of Physiotherapy:

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
185		-	-	-	185	158	-	-	-	-	158

B.Sc. Medical Laboratory Technology :

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
116		--	--	--	116	105	--	--	--	--	105

B.Sc. Medical Imaging Technology :

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
97		--	--	--	97	84	--	--	--	--	84

B.Sc. Radiotherapy:

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
21	--	--	--	--	21	19	--	--	--	--	19

M.Sc. Medical Laboratory Technology:

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
23	--	--	--	--	23	20	--	--	--	--	20

Masters in Hospital Administration:

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
56	--	--	--	--	56	41	--	--	--	--	41

Master of Physiotherapy:

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
22	--	-	-	-	22	13	--	--	--	--	13

Note: 2016 batch students yet to join.

MBBS:

Last Year							This Year						
General	SC	ST	OBC	Physically Challenged	NRI	Total	General	SC	ST	OBC	Physically Challenged	NRI	Total
376	26	8	203	---	135	748	327	21	7	175	----	120	650

Note: * 2016 batch students yet to join

PG:

	Last Year	This Year
General	126	130
SC	12	6
ST	1	2
OBC	24	36
In-service	17	13
NRI	71	68
Physically Challenged	0	0
Total	251	255

Demand ratio: 100 %

Dropout %: 0%

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

- | |
|--|
| <ul style="list-style-type: none"> OSCE for students/interns. |
|--|

No. of students beneficiaries

20

5.5 No. of students qualified in these examinations:

NET	<input type="text" value="-"/>	ET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="-"/>

5.6 Details of student Counselling and Career Guidance:

Common Problems faced by Students:

- Academic.
- Relationship.
- Family.
- Adjustment.
- Emotional.
- Others.

Student's Enrichment Programs: Programmes were conducted for students on gender sensitization and life skill training for their personality development.

No. of students benefitted Total: 193

No. of students benefitted: a) Individual Counselling
b) Group Counselling

43
150

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
01	23	-	18

5.8 Details of gender sensitization programmes:

- Gender Sensitization Programmes conducted for student

1

5.9 **Students Activities:**

1. Activities of Student Development Committee:
 - i. Collage Competition on World Diabetes Day on 23rd November 2015.
 - ii. Distribution of Ribbons & Bookmarks on World AIDS day on 1st December 2015.
 - iii. Ave Maria Palliative Health Care Center trip 9th January 2016.
 - iv. Muller Model United Nations on 4th & 5th March 2016.
 - v. Awareness session on Moral ethics on 6th February 2016.
 - vi. Residency Programme in the USA on 1st July 2016.
 - vii. Career prospects in the Armed Forces on 5th August 2016.
2. Dr Anna Tintu Verghese has won 2nd prize in poster presentation in CME on Head and Neck Cancer – Multidisciplinary Approach on 20 & 21st February 2016 at Father Muller Medical College, Mangalore.
3. Dr. Ashwini B has won Second prize for her paper entitled “ Sensitivity of USG in determination of nerve thickening in Hansen’s disease: a prospective study” during 9th Conference of South Asian Regional Association of Dermatologists, Venereologists and Leprologists SARCD [International Conference] held at Mysore from 4th to 6th September 2015
4. Dr. Ashwini and Dr. Andrea have won Second prize in Quiz competition held on 14th Feb 2016 during KARAVALI DERMA CME at Fr Muller Medical College, Mangalore.
5. Dr. Charisma Kunhi Kannan has won Second prize for her award paper presentation during KARAVALI DERMA CME held on 14th Feb 2016 CME at Fr Muller Medical College, Mangalore.
6. Dr. Ashwini B has won 1st prize for paper during ISPD conference held at Hyderabad on 26th – 28th Aug 2016.
7. Dr. Esther Soundharya has won 1st place for oral presentation titled “Clinical Audit – The practice of prescribing maintenance IV fluids in department of Paediatrics at FMMCH” in the 1st Mangalore Pedicon & M.R. Shenoy Oration held at Mangalore on 12th & 13th March 2016.
8. Dr. Esther Soundharya has won 2nd Place in the Poster presentation titled ‘Goitrous Hypothyroidism in a neonate’ in CME on ‘Thyroid Care’, conducted by Anaesthesia Department on 20th March 2016 at Fr Muller Medical College, Mangalore.

10. Dr. Vidya K has won 2nd prize for oral presentation titled 'Acute Kidney Injury (AKI) in the admitted PICU children' n 'Pedicriticon 2016', the annual conference of IAP Intensive Care Chapter - Karnataka and South zone CME of Intensive Care Chapter IAP held at KIMS, Hubballi from 8th to 10th July 2016.
11. Ms. Sahana P. and Ms. Abilash Carlina Abraham of MBBS 2011 Batch have secured 1st Place in the MEDIQUIZ Conducted by A.J. Institute of Medical Sciences and Research, Mangalore on 31.10.2015.
12. Ms. Sandhya Rao Kordcal and Ms. Swathi S. of MBBS 2012 Batch have secured 2nd Place in the Final level Undergraduate quiz of IADVL, Karnataka Branch held at S.S. Institute of Medical Sciences, Davangere on 29th November 2015.
13. Dr. Asher George Joseph, Post Graduate Resident of Surgery Department has won the "Gold Medal in the Vivekananda Prabhu Memorial Gold Medal Examination" conducted by Kasturba Medical College, Mangalore on 03.01.2016. The Medal will be awarded on the awards day of KMC during March 2016
14. Ms. Namratha N, II Year MBBS student had participated and qualified in the final round of Elsevier Basic Sciences Olympiad quiz competition 2015-16.
15. Mr. Nihal Manjunath of MBBS 2012 Batch has secured First Place in the 37th Monsoon Chess Tournament 2016-17 held at Vivekananda College of Arts, Science and Commerce, Puttur from 26th July 2016 to 28th July 2016.

SPORTS & GAMES

I. Inter collegiate Mysore Zonal Tournament:

- 1) FMMC Basket Ball (Men) team was the Runner's up in the RGUHS Mysore Zone Inter - College Basket Ball Tournament held on 8th & 9th September 2015 which was organized by Mandya Institute of Medical Science, Mandya.
- 2) FMMC Chess team were the winners in RGUHS Mysore Zone Inter - College Chess Tournament held on 24th & 25th August 2015 which was organized by Dr M. V. Shetty College of Physiotherapy, Mangalore.
- 3) FMMC Boys Volley Ball team participated in RGUHS Mysore Zone Volley Ball Tournament organized by Adichunchanagiri Institute of Medical Sciences, Bellur.
- 4) FMMC Men & Women Table Tennis team participated in RGUHS Mysore Zone Table Tennis Tournament organized by SDMA College, Udupi on 28th & 29th August 2015 in which women's team won against SDMA College.
- 5) FMMC Football team was the Runner - Up in the RGUHS Mysore Zone Inter - College Football Tournament (M) was held on 8th & 9th October 2015 organized by SDM College of Naturopathy, Ujire.
- 6) FMMC Cricket team participated in RGUHS Mysore Zone Cricket Tournament on 11th and 12th September 2015 organized by Mandya Institute of Medical Science, Mandya.
- 7) FMMC (M&W) Badminton team participated in RGUHS Mysore Zone Badminton Tournament (M&W) on 11th & 12th September 2015 organized by Laxmi Memorial college of Physiotherapy, Mangalore.
- 8) FMMC Women's team participated in RGUHS Mysore Zone Inter Collegiate Throw ball and Tinny quiet tournament (W) on 12th February 2016 organized by Alva's College of Physiotherapy at Swaraj Maidan, Moodbidri.
- 9) FMMC Women's team participated in RGUHS Mysore Zone Inter Collegiate Volley ball Tournament held at K.V.G. Dental College and Hospital, Sullia on 7th & 8th September, 2016 and won 1st Place.
- 10) FMMC Women's team participated in RGUHS Mysore Zone Inter Collegiate Table Tennis Tournament held at Dr. M.V. Shetty College of Physiotherapy, Mangalore on 23rd August, 2016 and won Runners Up.
- 11) FMMC Men's and Women's Team participated in RGUHS Mysore Zone Inter Collegiate Chess Tournament held in our college on 18th August 2016 and won Men's Team - Runners Up, Women's Team - 1st Place.

II. Inter Zonal Tournament:

- 1) FMMC Football team was the winners in the RGUHS Inter Zone Football Tournament held on 4th & 5th November 2015 organized by SDMBNYS, Ujire.
- 2) FMMC Chess team was the winners in the RGUHS Inter Zonal Chess Tournament held on 25th & 26th September 2015 which was organized by Basaveshwara Medical College and Hospital, Chitradurga.
- 3) FMMC Basket Ball team participated in the RGUHS Inter Zonal Basket Ball Tournament on 11th to 12th September 2015 organized by Rajarajeshwari Medical College & Hospital, Bangalore.
- 4) FMMC Volley Ball Women's Team participated in the RGUHS Inter Zonal Volley Ball Tournament held at BMC&H, Chitradurga from 17th September 2016 to 19th September 2016 and won 1st Place.

RGUHS Inter-collegiate Athletic Meet:

Our college students participated in RGUHS 17th Annual Inter Collegiate Athletic Championship cum university selection trials 2015-16 organized by Dr B. R. Ambedkar Medical College, Bangalore from 20th to 22nd January 2016. The following Medals were won by them:

The following Medals were won by them:

- | | |
|------------------------------|--|
| 1. Mr Naeem A.K. (B.Sc) | 200mtr - Silver; 100mtr - Bronze; 4X100 - Bronze |
| 2. Mr Alvin Kuria Kose (BPT) | Triple Jump Silver; 4 X 100 Bronze |
| 3. Mr Jude Libin Alby (BPT) | 4 x 100 Bronze |
| 4. Mr Ganesh Gowda (MBBS) | 4 x 100 Bronze |

Outstanding Performance

1. Mr Terence Moras, BPT - 2012 Batch was selected for RGUHS South Zone Inter University Football Tournament 2015-16 organized by Amrita Vishwavidyalaya, Coimbatore (T.N) from 10th December 2015 to 19th December 2015.
2. Mr Wilbur Leander Cutinho MBBS - 2013 Batch was selected for RGUHS South Zone Table Tennis Tournament.
3. Mr Nihal MBBS - 2012 Batch & Ms Shiji .J. Shetty was selected for RGUHS Inter zone Chess Tournament.

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: 300, 19 colleges participated

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

Other Events

5.10. Scholarships and Financial Support:

	Number of students	Amount In Rs.
Financial support from institution	5	38,23,000.00
Financial support from government (Minorities Department)	43	54,80,747.00
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

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:

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

Criterion - VI
Governance, Leadership and Management

6.1 State the Vision and Mission of the Institution:

VISION STATEMENT

Our vision is to heal and comfort the suffering humanity with compassion and respect and to be recognized as a global leader in medical education and research.

MISSION STATEMENT

- To be progressive in providing holistic health care services to all.
- To ensure global standards in medical education.
- To create and foster centre of excellence for medical research.

6.2 Does the Institution has a Management Information System

Yes.

- Installed Management Information System. Training has been given to all the staff.

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

6.3.1 Curriculum Development:

- The University Syllabus is enriched by conducting enrichment programmes
- Faculty are BOS members who give inputs and suggestions to the university
- Faculty are members of expert committee of MBBS Curriculum design.
- MCQ based evaluation methods adopted for under graduates
- Basic surgical skill training for undergraduates.

6.3.2 Teaching and Learning:

- Simulation and Skill Centre Phase II established
- E resource mobilization, E-learning through MIS
- Up gradation of IT
- Strengthening of library
- Animal experiment simulation software
- MEU conducts faculty development programmes
- Introduction of Basic Life support programme during internship.

6.3.3 Examination and Evaluation:

- OSCE, OSPE.

6.3.4 Research and Development:

- Financial support for postgraduate students by the institution.
- Institutional Research Centre
- Staff are guides for ICMR projects and for students from other universities
- Postgraduates undertake project work in addition to thesis
- Research incentives
- PGs present paper, poster and publish
- Leave facility and financial support to faculty and students for scientific presentations.

6.3.5 Library, ICT and physical infrastructure / instrumentation:

- Open access Library
- Up gradation and modernization of instruments
- E-resources
- Internet facility
- Installed modern tools and technologies
- Books, magazines and journals added
- Computers added
- Wi -Fi enabled campus
- Book exhibitions held regularly
- Book bank facility extended

6.3.6 Human Resource Management:

- Hands on training in Simulation and Skill Centre for faculty, students and non-teaching staff.
- Orientation for non teaching staff.
- Training in NABH (new edition) was given for staff.
- Standard Operating Procedures are documented.
- Audit is being done periodically to improve quality.
- Recruiting, training, performance appraisal of staff is done annually.
- HRD programs for staff are conducted periodically (Eg. Induction programme)
- Grievance Redressal Cell, Student Counselling Centre exists.
- Suggestion Box, Anti Ragging Cell, Women guidance Cell, Health Centre, Information Centre.
- Women safety Mobile app awareness programme in collaboration with Mangalore City Police.
- Regular training programs- like CME and workshops.
- Collaboration with other colleges , hospitals is encouraged for all college activities
- Orientation for parents of First Year students.
- Parent friendly campus. Dean and senior faculty available to meet. discuss, counsel and Mentor students.
- Counsellor in campus on all working days.
- Christmas is celebrated by Management and community. Fellowship Dinner is hosted by Management.
- Teacher's Day and children's day is celebrated.
- Support Staff is extended financial assistance during trying times and circumstances.
- Children of Faculty are provided admission in Medical College.
- Each course starts with an extensive orientation programme and trained on Medical Ethics.
- May Day celebrated annually with workers followed by Fellowship Lunch.

6.3.7 Faculty and Staff Recruitment:

- Recruitment Policy norms are followed
- Conducive atmosphere for work and professional growth
- Housing benefits, promotional avenues
- Benefits like PF, leave, higher studies leave, medical benefits
- All appointment and interviews conducted according to University/Government guidelines
- Recommendation from past employees.
- Interview by selection committee chaired by Director, Administrators, Dean and HOD.
- Teaching experience and research publications are some of the criteria in addition to academic qualifications for selection
- Recruitment of non-teaching staff, as and when vacancies occur, is done after advertisement in papers and is purely merit-based.

6.3.8 Industry Interaction / Collaboration:

- Resource Persons / consultants from Healthcare industry and academics.
- Guest lectures – by all departments
- Field trips and Hospital visits create opportunity to interact with experienced executives from the Health care.

6.3.9 Admission of Students

- Web-site
- Brochures, pamphlets
- Other Organization bulletins
- Institutional bulletin.
- Career guidance presentation in other colleges.

6.4. Welfare schemes for:

Various welfare schemes provided to teaching staff, non-teaching staff and students. They are as follows:

Teaching Staff:	<ul style="list-style-type: none">• Enhancement of Provident fund, Gratuity and Pension• Provision of Medical Benefits for employees• Accommodation is provided at a subsidized rate• Credits given to publications of papers, research• Incentives given for the presentation of papers and research work• Benefits like special leave, higher studies leave and other leave.• Maternity leave facility• Facility for spiritual growth• Prevention of Sexual Harassment Committee• Orientation programme.
Non-teaching Staff:	<ul style="list-style-type: none">• Education loan for Children• Provident Fund, Gratuity and Pension• Provision for Medical Benefits• Medical benefits concessions for a staff's dependent.• Welfare fund loan• Promotion• Accommodation at highly subsidized seats is provided.• Incentives based on performance• In-service training programmes• House Building loan• Emergency contingency loan.

	<ul style="list-style-type: none"> • Recognition of dedicated Non Teaching staff • A special Health Card for all staff with 75-100% free healthcare • Maternity leave facility • Facility for spiritual growth • Prevention of Sexual Harassment Committee, Grievance Redressal cell.
Students:	<ul style="list-style-type: none"> • Provision of Medical Benefits • Encouragement to attend workshops and conferences • Instituting awards for outstanding performance in curricular Activities • Providing incentives for student research activities • New indoor Sports complex work in progress • Committees like Student Welfare Cell, Prevention of Sexual Harassment Committee, Students Council, Anti-ragging Committee and Grievance Redressal Cell to look after the welfare of students.

6.5 Total corpus fund generated: Nil

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Agency
Academic	Yes	NAAC	Yes	IQAC/NABH/ NAAC Core Committee
Administrative	-	-	-	IQAC/NABH

6.8 Does the University/ Autonomous College declare 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:

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

6.11 Activities and support from the Alumni Association:

- Supported Inter Collegiate Cultural activity
- Guest lectures.
- Donated Table Tennis table.

6.12. Activities and support from the Parent – Teacher Association:

- Annual Parent Teachers Association Meetings conducted
- Participation in Batch Orientation Inaugural Programmes
- Organized a guest lectures on “Stress Management in Medical Students”
- MBBS Parent Feedback and Allied Health Science Parent Feedback are collected.

6.13. Development programmes for support staff:

- Conducting Induction programme and soft skills for staff.
- Training programmes on Bio medical Waste Management, PPE, PGP, Skill Management & Hand Hygiene
- Ongoing continuous Training Programme in Infection Control and Fire Safety Management
- Training programme on Basic Life Support, & ALS
- Orientation and Training Programmes on Rights and Responsibilities of staff towards patients
- Sports and Games organized during Institution Day
- Training in Management Information System (MIS) and Hospital Information System (HIS).
- Hands on training in the Simulation & Skill centre. (Hospital orderly training programme)

- Plastic free zone, Non smoking zone and No horn zone
- Planting of trees, Lawns and gardens are maintained
- Vanamahotsava day celebrated annually
- Additional Sewage Treatment Plant
- Solar energy utilization is being actively promoted in the campus
- Up gradation of landscaping of approach driveway and student recreation areas
- Additional recycled sewage water to the tune of 1.5 lakhs litres per day.

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.

- Group Counselling for 1st MBBS students: Counselling for 1st MBBS students during the orientation programme. The group is guided through gender sensitisation and skills development programmes.
- Bio-ethics Curriculum: First ever unique curriculum for medical students was drafted by a team. This Bio-ethics core curriculum is discipline specific, leading to most medical classes

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

	Plan of Action	Achievements
1.	Feedback on the Curriculum from Undergraduate students.	Module for obtaining feedback from undergraduate students has been prepared & discussed in IQAC meeting; Feedback has been obtained from 3 batches of students.
2.	Strengthening of Case Based Learning.	Workshop for faculty on Case Based Learning was organised on 17-11-2015 and Case Based Learning has been implemented in all the departments.

3.	Completion of the Lesson plans of all departments.	Lesson plan has been prepared by the departments as per the format suggested by the IQAC.
4.	Introducing OSCE as one of the evaluation methodologies for clinical subjects.	OSCE has been introduced as one of the methods of assessment in some clinical departments.
5.	New website for the institution with '.edu'.	New website has been developed: www.fathermuller.edu.in/
1.	WiFi coverage in hospital and medical college.	WiFi coverage has been extended and enhanced with from 100 mbps to 250mbps speed.
2.	Renovation of Medical College.	Medical college has been renovated with new waiting lounge, cladding of premises, painting, signages, flooring.
3.	Upgrading of Hospital facilities.	PICU and NICU have been upgraded with latest state of the art facilities.
4.	Completion of 2nd Phase of Simulation and Skill centre.	2nd phase of Father Muller Simulation and Skill centre has been completed and.
5.	Creation of a team of trained faculty for Simulation and Skill centre.	Team of 30 trained faculty are available.
6.	Completion of 2nd Phase of Auditorium.	2nd phase of Auditorium has been completed.
7.	New Staff Quarters	"Muller Nest" - Nine floor multi-storeyed new Quarters for Doctors with all amenities has been constructed (38 flats).
8.	Strengthening Student development activities.	-Various activities of Social significance like AIDS Day, Diabetes Day, Bio Ethics etc were conducted by the Student development committee. -Programme on Communication Skills -Group counselling for 1st MBBS students has been organized.
9.	Biannual audit of all departments.	Midterm & Annual Academic audits were conducted as per the schedule.
10.	Feedback from stakeholders through MIS.	Module for obtaining feedback from stakeholders through MIS has been prepared, discussed during

		IQAC meeting & uploaded in MIS.
11.	Training of faculty, supporting staff and students in Simulation and Skill centre.	Training of faculty, supporting staff and students in Simulation and Skill centre conducted by the co-ordination committee.

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

1. Simulation based medical education and training health care personnel using simulation technology.
2. Muller Model United Nations.

** Please find the Best Practices as Annexure- III*

7.4 Contribution to environmental awareness / protection:

- Talks and Orientation
- Conclave on Go Green in Healthcare with Department of Hospital Administration conducted on 23rd January 2016
- Celebration of Vanamahotsav Day.

7.5 Whether environmental audit was conducted? Yes - No

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

Strengths:

1. Accredited with NAAC, NABH and NABL.
2. Simulation and skill centre with state of the art facility for clinical training and learning.
3. Fully functioning eye bank in the district.
4. Recognised Ph.D centre by RGUHS.
5. Community service in 8 satellite health centres around the Rural Health Training Centre, Thumbay and 3 urban health training centres.
6. State of the art digital library.
7. Active involvement in inter-disciplinary and inter-department activities.
8. Case based teaching methodology adopted.
9. Organized International and National Conferences, Workshops, and CMEs.
10. Dedicated, full time senior faculty members along with young.
11. Good infrastructure
12. Conducting health camps & outreach programmes regularly.
13. PICU and NICU have been upgraded with latest state of the art facilities.
14. "Muller Nest" - Nine floor multi-storeyed new Quarters for Doctors with all amenities has been constructed.

Challenges:

1. Develop research activities in collaboration with national and international funding agencies.
2. Procurement of regular supply of cadavers for student learning.
3. Balancing clinical / teaching / research activities.
4. Higher Research studies/projects.
5. MOU with National and International institutions.

8. Plans of Institution for Next Year:

- Establishment of Student Clubs (Surgical skill club, Research club, Health & Fitness club and Bio-ethics club).
- Extension of Simulation based learning to all the departments.
- Digital Evaluation Centre.
- Increase collaborations and linkages with National and International Agencies and Institutions.
- Digitalization of hospital medical records – Phase I.
- Infrastructure development:
 - Simulation and Skill centre – Phase III.
 - Indoor stadium Phase II
 - Auditorium Phase – III
 - Multilevel parking - Phase I.
- Energy productivity (Solar).

Name: DR. RAMESH BHAT M.

Name: DR. JAYAPRAKASH ALVA



Signature of the Coordinator, IQAC

Prof.
Dermatology, Venereology & Leprosy
Father Muller Medical College
Kankanady, Mangalore-2



Signature of the Chairperson, IQAC
DEAN

FATHER MULLER MEDICAL COLLEGE
MANGALORE - 575 002

USED ABBREVIATIONS

SL. NO.	ABBREVIATIONS	FULL FORM
1.	RGUHS	Rajiv Gandhi University of Health Sciences
2.	MIS	Management Information System
3.	HIS	Hospital Information System
4.	NABL	National Accreditation Board for Testing and Calibration Laboratories
5.	NABH	National Accreditation Board for Hospitals & Health care providers
6.	MCQ	Multiple Choice Questions
7.	MICU	Medical Intensive Care Unit
8.	MCI	Medical Council of India
9.	LPP	Lichen Planus Pigmentosus
10.	DPN	Dermatosis Papulosis Nigra
11.	IADVL	Indian Association of Dermatologists, Venereologists and Leprologists
12.	BRNS	Board of Research in Nuclear Sciences
13.	ICMR	Indian Council of Medical Research
14.	LAN	Local Area Network
15.	WAN	Wide Area Network
16.	Wi-Fi	Wireless Fidelity
17.	OSCE	Objective Structured Clinical Examination
18.	OSPE	Objective Structured Practical Examination
19.	INFLIBNET	Information and Library Network Centre
20.	HELINET	Health Science Library and Information Network
21.	DELNET	Developing Library Network
22.	EPAC	Electronic Public Access Catalogue
23.	HIC	Hospital Infection Control
24.	CBL	Case Based Learning
25.	BOS	Board of Studies
26.	PTA	Parent Teachers Association

ACADEMIC CALENDER - 2016

Sl. No.	Name of the Events	Schedule
1.	Holiday – Republic Day	26.01.2016
2.	Commencement of classes for Phase III-Part II – VIII Term (Regular batch)	25.01.2016
3.	Commencement of classes for Phase III-Part I – VI Term (Regular batch)	16.01.2016
4.	Holiday – Founders’ day / Institutions Day	13.03.2016
5.	University Examination for Allied & Physiotherapy Course	March 2016
6.	Commencement of classes for Phase II – III Term (Casual batch)	27.02.2016
1.	Holiday – Good Friday	25.03.2016
2.	Easter Vacation of 2016	21.03.2016 to 02.04.2016
3.	University Examination for PG Courses	June/July 2016
4.	Holiday – May Day	01.05.2016
5.	University Examination for Phase II, Phase III – Part I, Phase III – Part II MBBS Course	18.07.2016
6.	University Examination for Phase I MBBS Course	18.07.2016
7.	Holiday – Ramzan	06.07.2016
8.	Commencement of classes for Phase III-Part I – VIII Term (Casual batch)	25.07.2016
9.	Commencement of classes for MBBS Phase 1 (2016 batch)	03.09.2016
10.	Commencement of classes for Phase III-Part I – VI Term (Casual batch)	01.08.2016
11.	Holiday – Independence Day	15.08.2016

12.	Commencement of classes M.Ch. (Urology) Course	01.08.2016
13.	University Examination for Allied & Physiotherapy Course	August 2016
14.	Holiday – Nativity of Blessed Virgin Mary	08.09.2016
15.	Commencement of classes for Phase I (Casual batch)	01.08.2016
16.	Commencement of classes for Phase II – III Term (Regular batch) – Tentative date	29.08.2016
17.	Holiday – Ganesh Chaturthi	05.09.2016
18.	Commencement of Classes for I year Allied Courses	20.09.2016
19.	Commencement of classes for I year BPT & MPT Courses	20.09.2016
20.	Commencement of Classes for I year MHA Courses	20.09.2016
21.	Holiday – Gandhi Jayanthi	02.10.2016
22.	Holiday – Deepavali	29.10.2016
23.	University Examination for PG Courses	October/November 2016
24.	Holiday – Karnataka Rajyotsava	01.11.2016
25.	Christmas Vacation of 2015	19.12.2016 to 31.12.2016
26.	University Examination for MBBS Course– Tentative Dates	12.12.2016
27.	Easter Vacation of 2016	10.04.2017 to 22.04.2017

BEST PRACTICE 1:

1. **Title:** Simulation based medical education and health care personnel training using simulation technology.
2. **Goal:**
 - a) To integrate simulation based skill assessment into the undergraduate and postgraduate medical curriculum.
 - b) To train medical, paramedical, nursing and other category of health care staff in basic resuscitation and other skills.
 - c) To train high school and college students about the basics of resuscitation using the simulation lab facilities.
3. **The Context:**

Increasing intake of undergraduate and postgraduate medical students has resulted in lesser opportunities for acquiring skills. This has opened up the requirement of simulation in medical teaching, a trend seen worldwide.

As patients have become aware about their rights and with the increasing incidence of malpractice cases against doctors, there is a felt need to learn new skills without harming patients and a simulation centre fulfils these needs.

Simulation based medical education is the need of the hour and should be seamlessly integrated in to the undergraduate medical curriculum. The Medical believes in imparting recent trends and quality education to all its students.

In India, there is no formal training of the general public in the art of cardio-pulmonary resuscitation and there is a need for such a facility to be extended to the general public of Mangalore especially the high school and college students. Mangalore is a destination for the youth to pursue professional education.

4. The Practice:

The purpose of a simulation experience is to use an innovative method in the learning process, to create a shift from teacher-centered to student-centered learning. The highlight of this simulation centre is a multi-disciplinary faculty including doctors, nurses and technicians who work as a team of facilitators without any hierarchy, ably supported

by the IT department. The principles of this simulation centre are on the following, which is adopted for all categories of trainees.

a) Simulation fidelity:

A critical element of simulation is fidelity. This is the degree to which a key element of a situation, action, or object resembles real-life. The degree of fidelity required was determined by the type of learner, the complexity of what they need to know and how best to achieve learning outcomes.

b) Hands on practice:

The lesson plan was prepared by the coordinators representing each department. The lesson plan was specific to each semester so as to formulate measurable learning objectives. The lesson plan included specific skills and few commonly encountered clinical scenarios. Depending on the type of simulation, the learner was given the scenario ahead of the session to review and prepare for the simulation. It will consist of a brief synopsis of the patient's condition along with the learning objectives.

The academic in charge of the centre then prepared a schedule by allotting the date and time to various medical, surgical and nursing departments for the conduct of these training sessions.

The framework for simulation methodology includes briefing of the scenario prior to the session, orientation to the simulator and environment, followed by the short simulation experience and the final debriefing session where the actual guided reflective learning takes place.

c) Assessment and feedback:

The various methods of outcome measurements followed in the centre are observer ratings, trainee responses (constructed or selected) and use of haptics. The performance feedback is mainly formative through the process of debriefing based on observational ratings. The purpose is to improve trainee clinical performance rather than to present summative judgments of pass or fail. The steps we follow are (a) note the performance gaps related to predetermined objectives, (b) provide feedback describing the gap, (c) investigate the basis for the gap by exploring the mental frames of the learners, (d) help close the gap through discussion or targeted instruction.

Trainee responses are selected using MCQ based questionnaire regarding learner satisfaction and attainment of the learning objective. Feedback from the learners has been unanimous regarding the need for simulation based learning. The data suggests that they feel more confident and are prepared to transfer the skills acquired to clinical practice. Various post session questionnaire shows a definite improvement in the attainment of the learning benchmark. Feedback from the respective in charges shows a positive response amongst the learners posted in clinical areas especially regarding the team training skills.

6. Problems Encountered and Resources Required:

- Setting up a simulation centre is a costly proposition. However, the management was gracious enough to sanction funds for setting up this state of the art facility.
- Merely setting up the centre without trained faculty to use it will mean a drain of resources. Hence, from the beginning an adequate pool of trainers were identified and trained to run the centre and the goal has been to train the trainers so that there is a continuous pool of trainers.
- Another problem encountered was the acceptance of this teaching methodology among a few clinicians. A wider acceptance of a culture of quality and patient safety is a mandatory responsibility and endeavour has been to convince everybody of the need of the simulation facility as part of the training in the curriculum.
- Another difficulty faced was the timing of the training sessions so as not to interfere with the regular hospital posting as well as accommodating large number of students in one session.

7. Notes (Optional):

Simulated practice environments are useful for reflecting upon experience in clinical areas because it develops clinical reasoning and integrates theory with practice. Mistakes may be made and learning can occur without risk to patients especially when training for rarely observed cases. Furthermore, discussion of theoretical and ethical matters that is normally inappropriate in the presence of a patient can occur in parallel with the developing of practical skills. The pre requisites for a successful simulation centre is a supportive management, trained simulation faculty with at least one dedicated faculty coordinating the activities of the centre and the acceptance of this teaching methodology as part of the curriculum by the teaching faculty for effective training. The

investment in resources that improve quality of care will eventually improve patient outcomes and hence become cost-effective.

The instructors who conduct the sessions have undergone formal training by international faculty in the simulation teaching methodology. Regular train the trainer courses and faculty development programs are conducted in the centre. This approach helps the learners to approach a case using the team dynamics strategy thereby minimizing healthcare errors.

BEST PRACTICE 2:

1. **Title of the practice:** Muller Model United Nations.
2. **Goal:** To provide a platform for the students,
 - a) To develop debating skills.
 - b) To widen their intellectual horizon.
 - c) To use this as a springboard to participate in the political process of the country.
3. **The Context:**

There are many intercollegiate competitions for students to exhibit their intellectual, literary and artistic skills. But, there are very few events which combine intellectual abilities, debating skills and participation in legislative process, which test the student's abilities. Muller Model United Nations is one such event which hopes to achieve all this and to provide an outlet for the students to speak forthrightly on topics of national and international relevance.

4. The Practice:

The Muller Model United Nations is a Mock United Nations Session that is conducted in Father Muller Medical College, Mangalore for a period of two days. This is an intercollegiate event open to all colleges of Mangalore. Topics of international importance are elaborately discussed and conclusions are logically drawn by participants who represent delegates of various countries. The two days of intense, nail biting debate is presided over by a Chair, Vice- Chair and a Rapporteur who ensure the topics proceed without any deviation. Conclusions drawn at the end of the deliberations are presented as a detailed draft. Participants are given awards such the 'Best delegate', 'Best crisis Manager' and 'Best speaker'.

The Muller Model United Nations has been conducted for last three consecutive years with many colleges across Mangalore enthusiastically participating in this battle of words. The event conducted on the 21st and 22nd of March 2014 had students from St. Aloysius Degree College, St. Agnes Degree College, SDM Law College, Kasturba Medical College and and Fr Muller Medical College of Mangalore, fiercely debating on the topics 'Combating discrimination against sexual orientation' and 'Epidemic & Pandemic diseases and their mitigation'. The Muller Model United Nations conducted on the 27th and 28th of February, 2015 had students from St. Aloysius Degree College, SDM Law College, Kasturba Medical College and Fr Muller Medical College of Mangalore, dynamically discussing the topics 'The Millennium Development Goals' and 'Cyber Terrorism'. In the year 2016, the

Muller Model United Nations was conducted on the 4th and 5th of March where Students from St. Aloysius Degree College, SDM Law College, National Institute of Technology Karnataka and Fr Muller Medical College of Mangalore, discussed in detail the topic 'Combating terrorism with a special focus on the Syrian Crisis'. All three years had the delegates brilliantly speaking out their views on the topics.

5. Evidence of Success:

The Muller Model United Nations has always been a sought after event in Mangalore city, thus ensuring participation of approximately 50 students from Fr Muller Medical College and around 35 students on an average from other colleges. The increasing student attendance every year at the event testifies to its success.

6. Problems Encountered and Resources Required:

The first year that the idea was put forth, doubt of its success did persist till the event happened for real and proving all doubts wrong. As part of a very supportive management, the Muller Model United Nations team encountered no major problems in organizing the event thereafter in any aspect, be it finance or human.

7. Notes (Optional):

The Muller Model United Nations is an amazing channel that can be adopted by various institutes to develop the intellectual horizon and confidence in a student. Support of the Institute forms the foundation on which the whole event can be worked on.
