

INTRODUCTION

ANNUAL QUALITY ASSURANCE REPORT

2015-16

During the academic year Oct 2015 to July 2016, MAHER University intensified its focus on research and extension activities, its infrastructure development to keep pace with the curricular reforms and support its growing student population. The Central Research Laboratory with state of art equipments for research studies, e-learning teaching modules, Speciality block, renovation and reformation of the Library, Skill lab, Campus Local Area Network, Computer aided smart classrooms and New pre-clinical block with the three lecture theatres with 350 capacity each, Demo room, Staffs rooms and world class new Auditorium is a major landmark in the illustrious history of MAHER in the last one year.

The maintenance and refurbishment of classrooms, out patients seating arrangements the Administrative Offices and the various buildings are being carried out in a phased manner. As MAHER University is reaching its 13th year, various programmes are scheduled during the calendar year 2015-2016 to add to its glorious achievements over the years. To keep pace with the technology up gradation, student upliftment and enlightenment several well thought and debated developments are in pipeline for implementation and is of high priority. We are confident that these schemes would create unique benchmarks to excel in education.

At present MAHER is in the global educational map thanks to the efforts of our visionaries, who were instrumental in beginning the process that has gained strength with the setting up of more and more institutions catering to all the fields of study for all levels and branches - from UG, PG and PhD programs. It is now in its 13th year of its existence.

Let us have a bird's eye view of the well-planned New MAHER where the following institutions have come up.

- Meenakshi Medical College and Research Institute at Kancheepuram
- Meenakshi Ammal Dental College at ^{Madhavayal} Mugapair, Chennai
- Meenakshi College of Nursing at Mangadu, Chennai

This institution also houses hostels where more than 1500 students-boys and girls-live in pollution free atmosphere.



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

I. Details of the Institution

1.1 Name of the Institution	MAHER UNIVERSITY
1.2 Address Line 1	12, Vembuliammam Koil Street
Address Line 2	K.K. Nagar
City/Town	Chennai
State	Tamilnadu
Pin Code	600078
Institution e-mail address	info@maher.ac.in
Contact Nos.	044-23643955 / 24643956

Name of the Head of the Institution:

Dr. Geetha Prakash

Tel. No. with STD Code:

044-23643955 / 24643956

Mobile:

9840204196

Name of the IQAC Co-ordinator:

Prof. Dr.M.Chandrasekar

Mobile:

9444026787

IQAC e-mail address:

iqacmaher@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNUNGN11418

1.4 Website address:

www.maher.ac.in

Web-link of the AQAR:

www.maher.ac.in

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.49	2015	5 years
2	2 nd Cycle	Not Applicable	Not Applicable	Not Applicable	Not Applicable
3	3 rd Cycle	Not Applicable	Not Applicable	Not Applicable	Not Applicable
4	4 th Cycle	Not Applicable	Not Applicable	Not Applicable	Not Applicable

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

06/04/2012

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

OCT.2015 – 30.JUNE.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))

Ist. AQAR Submission

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

(eg. AICTE, BCI, MCI, PCI, NCI)

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)

MAHER UNIVERSITY

1.12 Special status conferred by Central/ State Government--

UGC/CSIR/DST/DBT/ICMR etc.,

Autonomy by State/Central Govt. / University

No

University with Potential for Excellence

No

UGC-CPE

No

No

No

DST Star Scheme

UGC-CE

UGC-Special Assistance Programmes

No

DST-FIST

Yes

UGC-Innovative PG programmes

No

Any other (*Specify*)

Nil

UGC-COP Programmes

No



2. IQAC Composition and Activities

S.No	Participants	Total
2.1	No. of Teachers	14
2.2	No. of Administrative/Technical staff	2
2.3	No. of students	2
2.4	No. of Management representatives	2
2.5	No. of Alumni	3
2.6	No. of any other stakeholder and community representatives	1
2.7	No. of Employers/ Industrialists	1
2.8	No. of other External Experts	1
2.9	Total No. of members	27
2.10	No. of IQAC meetings held	5

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:

- Commitment towards excellence in health care.
- ICT enabled teaching,
- Quality enhancement in Community Awareness & teaching

- Yoga : A Heal for Common Ailments
- Occlusive Arterial Disease of the Lower Limb
- Recent Advancements in Thoracic Imaging
- Leprosy awareness
- The Organ Transplantation an Awareness
- Providing quality dental education
- Mental health nursing issues for special population
- Harmonizing – Nursing Education & Service
- Nursing Perspective in cardiac management
- Emerging health problems A challenge for nursing professional

2.14 Significant Activities and contributions made by IQAC:

The most significant milestone that the university achieved this year was the National Assessment and Accreditation Council awarding the grade “Good” which is the penultimate rank in the grading system.

- Formation of IQAC in the University and in all the three constituent colleges

looking into the addressing the issues on time and action taken in curriculum, research & extension activities, student programs, infrastructure and governance which was the best practice done by IQAC.

- IQAC has been channelizing the efforts and measures of the colleges towards academic excellence.
- Conducted regular quarterly meetings with specific agenda and review the work done by all constituent colleges carried out at specific intervals.
- Student satisfaction index, academic growth of students from disadvantage section of society carried out.
- Green audit, Gender Audit and academic and administrative Audit was done.
- Teaching feedback of faculty from students and implementing remedial measures to improve the academic standards through various committees of Institution.
- Ensuring improvisation in teaching and student performance by the students interaction with continuous medical, dental, nursing education events and training in basic medical education and technology Steps have been taken to improve treatment related communication with patients by upgrading the speciality outpatients and organising regular medical camps.

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
<ul style="list-style-type: none"> ➤ NABL/NABH Accreditation ➤ Applied for project of ICMR/DST 	<p>Training of Staff including non teaching staff from all departments completed.</p> <p>Funded projected ICMR sanctioned (4 Project)/ DST projects sanctioned. (2)</p>
<ul style="list-style-type: none"> ➤ Implementing Hospital Infection control programme 	<p>Orientation classes conducted for disposal of waste to nurses and non teaching staff.</p> <p>Free Hepatitis B screening and vaccination done for 600 non teaching staffs.</p>
<ul style="list-style-type: none"> ➤ Green audit expansion 	<p>Samplings planted and installation of solar panels in progress.</p>
<ul style="list-style-type: none"> ➤ Mentorship Program for all the batches 	<p>Improvement in the results in both formative and summative assessment.</p> <p>Gross Improvement in the result by effective mentoring</p>
<ul style="list-style-type: none"> ➤ Students progress Intimation through SMS to parents ➤ Promotion of 	<p>Feed backs from parents are very positive and definitive change in attitude of students.</p> <p>Students winning awards in</p>

extracurricular activities	intercollegiate competition in sports and cultural programmes.
➤ Utilize system skill labs training	Systemic training done by the clinical departments and BLS and ALS-preparedness to face emergency situations
➤ Action plans were drawn criterion wise	Actions implemented in all the key aspects criterion wise

Other salient features of IQAC for last one year:

- Quality consciousness of all faculties was revisited.
- The reports of various committees were discussed with respective members and remedial steps suggested to college authorities.
- Parent teacher association was strengthened and their feedback was evaluated.
- The existing committees were operated and asked to hold regular meetings and submit their report to IQAC
- Updating knowledge through guest lectures and conferences
- Improvement towards Information Communication Technology (ICT) in teaching and learning process
- Fresh impetus towards quality consciousness has been achieved
- College authorities were apprised of the developments.
- There were no incidences of ragging or sexual harassment.
- CME, CDE, CNE programmes organized regularly in all the three constituent colleges.

- Classrooms with better audiovisual aids are made available for the teaching and learning process of UG and PG students.

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

MAHER : AQAR for 2015-2016 approved



Part –B
Criterion – I
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
PhD	05	-	-	-
PG	48	-	-	-
UG	4	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	1	-	-	-
Certificate	-	-	-	-
Others		20	-	-
Total	58	20	-	-

Interdisciplinary	-	6	-	6
Innovative	-	-	-	-

Graduation	Courses
PhD (5)	Medicine, Dentistry, Nursing, Engineering, Allied Health Sciences
PG (48)	MD, DM, MS, M.Ch, , M.D.S, M.P.T, M.Sc nursing
UG Faculty of Medicine, Dentistry and Nursing(4)	M.B.B.S, B.D.S, B.Sc Nursing and Post Basic Nursing
Faculty of Physiotherapy (1)	B.P.T
B.Sc Health Sciences (7)	1. Anesthesia Technology, 2. Cardiopulmonary Technology, 3. MLT, 4. Perfusion Technology, 5. Physician Assistant Technology, 6. Radiology imaging Technology, 7. Renal Dialysis Technology
Faculty of Humanities and science (12)	B.A, BBA, BCA, B.Sc Computer Sciences, B.Sc Information System Management, B.Sc Physics, B.Sc Visual Communication, B.Com (General, Computer Application, Corporate secretaryship) MBA (General, Fiancé Management)

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

(ii) Pattern of programmes:

Pattern	No. Of programmes
Semester	-
Trimester	-
Annual	10



Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

College	Asst. Professors	Associate Professors	Professors	Others
Total	537	145	53	248

2.2 No. of permanent faculty with Ph.D.

11

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

Colleges	Asst. Professors		Associate Professors		Professors		Others	
	R	V	R	V	R	V	R	V
Total	56	-	36	-	23	-	142	

2.4 No. of Guest and Visiting faculty and Temporary faculty:

-

-

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	30	146	109
Presented papers	20	61	45
Resource Persons	2	6	13

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

- Skill & Community based learning approach
- Best use of skill lab & E-learning modules
- Innovative teaching Methods like Role play and Interactive Teaching in all subjects
- Blended learning successfully started
- New reading room facility provided in the Hostel.
- Online journal facility in library.
- Monthly test to evaluate basic knowledge of students.
- Self-directed active learning through assignments.
- CDE programme / workshops organised by college.
- Integrated seminars for undergraduates.
- Problem based learning through group discussion.
- Problem Solving and Project-Based Learning
- Demonstration using Models and Simulations
- Flipped Classroom
- Article Reviews in Journal club
- Experiential learning to reinforce the fundamentals of the subjects
- The institution follows learning that involves using various information technologies to help students learn. The students are shown introductory materials before attending a particular class session.
- Interactive methods of teaching, debates, discussions, UG presentations, quiz competitions and other co-curricular activities were encouraged.
- Integrated teaching between traditional subject areas using a problem based learning approach. Stress was laid on clinical patient based teaching practices.
- A system to appreciate academic achievement in UG and PG students was started.
- PG orientation and research methodology workshop and Collaborative Institutional Training Initiative undertaken to motivate the PG students.
- Simulators for clinical & pre clinical student OSPE / OSCE, Workshops.
- Workshop on Journal browsing “How to choose a research topic and publication of research articles”.

2.7 Total No. of actual teaching days

278

during this academic year

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

- CCTV and Jammer facility in examination hall.
- Bar coding identification on answer booklet.
- OCR Sheet for MCQ Photocopy
- Continuous internal assessment
- Flying squads visits examination hall.
- Double Evaluation
- Photocopies of Supplementary Examination answer scripts are given to students who requested them.
- Question Bank was used to generate undergraduate supplementary exam question papers.
- Testing using online multiple choice questions is already part of the system.
- Intimation of results through SMS / email.
- Three external evaluators for PhD, thesis evaluation.

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

37

2.10 Average percentage of attendance of students

93 %

2.11 Course/ Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
MBBS	375	27	58.13	24.53	9.85	91.467
MD/MS	462	0	21	48	75	89.61
BDS	388	23	29	75	-	90.34
B.Sc (N)	35	-	35	-	-	100
P.B.B.Sc. (N)	2	-	2	-	-	100
M.Sc (N)	5	-	5	-	-	100

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

- IQAC collects the syllabus, clinical and academic time-tables and reviews teaching programs as per academic calendar in its meetings
- IQAC conducts Workshops / training programs for faculty on various teaching methodologies.
- IQAC evaluates Teaching-learning process of the constituent colleges during the presentations by heads of the institutions and suggests inputs for quality enhancement
- IQAC analyze feedback by students on teacher quality, teaching methods etc. and provides suggestions for improvements.
- The IQAC periodically assesses the feedback taken from the students, alumni, parents and faculty and suggests suitable changes to the academic section. Most of the feedbacks are taken online through Survey monthly and through the Management Information System (MIS) of the University.

- Orientation towards research facilities, funding agencies, grants writing training, scientific writing workshops etc.
- The institutional research committee exists and it evaluates the research proposals of the UG, PG & Research students and monitors research projects.
- The University has a separate budget in the form of seed money to support the research activities and development.
- MAHER University conducts regular training programs for research scholars on Research Methodology.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	20	76	-	-
Outlay in Rs. Lakhs	12	40	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	126	140	40	40
Outlay in Rs. Lakhs	49	63	6.52	6.52

3.4 Details on research publications

	International	National	Others
Peer Review Journals	30	48	3
Non-Peer Review Journals	-	-	-
e-Journals	2	2	0
Conference proceedings	9	36	15

3.5 Details on Impact factor of publications:

College	Range	Average	H-intex	Nos. in SCOPUS
MMCH&RI	0-0.6	0.3	27	5
MADC	0-2.3	1.5	-	-
MNOC	-	-	-	-

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2016	DST SERB	25.Lakhs 28.12 Lakhs	2.L
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2015-16	MAHER university	6,52,000	6,52,000
Students research projects (<i>other than compulsory by the University</i>)	2015-16	ICMR	60,000	Yet to receive
Any other(Specify)	-	-	-	-
Total	2015-2016	2	67,36,000	6,52,000

3.7. No. of books published

2

1	ISSN - 978-953953-51-2439-9-NO
2	Manual of Research Methodology

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University	University forum	College forum	NCC	NSS	Any other
MAHER	-	12	-	16	-

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

- Adoption of Village (Adult Education, AIDS Sanitation Awareness, Save Girl Child Campaign, College Campus beautification)
- Women health and social awareness programme
- Free medical consultation to inmates of old age home by doctors of MMCH&RI
- IQAC encourages faculty to attend conferences, CME, CDE, CNE programs and seminars, to pursue PhD programmes.
- The Individual constituent colleges have adopted villages for a duration of 10 years and are committed to provide services not only through NSS but through involvement of Community Medicine department

- Successful organization of health awareness projects for the public in rural Kanchipuram district among villagers through the following activities:
- Organized lectures, Demonstrations, Role play and clinical screening on various health related problems such as heart diseases, diabetes, cancer, blood related problem etc. by professionals, medicos and qualified experts in villages of Kanchipuram.
- Prepared brochures and bulletins and other useful audio-visual aids on various diseases in simple language for free distribution among general public in large.
- The project has been initiated with a spirit of providing comprehensive Health education to villagers through health camp approach. In this regard first attempt was made in December 2015 by organizing a health education and health check-up camp in a village Vadamadhoor.
- Created audio-visual aids for demonstration and exhibitions as often as necessary and needed to educate rural ordinary people.
- Centre for Women Studies Co-ordinating the following extension activities to the rural women.
- Mega plantation event of planting 500 tree saplings at Mangadu Village.
- College has organised regular Health Check-up Camps in and around Mangadu, providing not only check-ups but also free medication and treatment (medical and surgical) to the referred patients.
- Celebration of Children's day, tobacco screening camps, Swachha Bharat Abhiyan, National Youth Day , No Tobacco Day, International Day of Yoga, World's Antidrug Abuse Day, Independence Day Celebration, World Environment Day, World Diabetes Day, World Breast Feeding Week.
- Participation of NSS students in medical camps and blood donation camps.
- Conducted ALS & BLS workshop for UG & PG students.
- Health awareness programme on the occasion of "World Environment Day" at MMCH&RI

- Social Awareness Programmes / Service Learning enable students to develop a sense of responsibility to the community and of the significance of the roles they play in society. It aims at bridging the gap between education, knowledge and its relevance the application of classroom learning to real life
- The NSS and Community medicine students played a vital role in cultivating in students the spirit of social service and a commitment to work for the marginalized sections of the society Kanchipuram. The following are the social endeavours undertaken by them
 - a) Organized a blood donation camp on January 16th, 2016.
 - b) Student volunteers participated in several rallies and walkathons to commemorate World Peace day and Suicide prevention.
 - c) Students volunteers supported an NGO working for children of disadvantaged communities to enhance their academic and overall performance.
 - d) Our volunteers shared the joy of Christmas with terminally ill cancer patients in Government Cancer Hospital in Kanchipuram and to sensitize the youth regarding cancer awareness.



Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities: MMCH&RI

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	39.08 acre	-	Maher university	39.08acre
Class rooms	5.lecture halls	2	Maher university	
Laboratories	24	-	Maher university	24
Seminar Halls	28	12	Maher university	40
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	42	14	Maher university	
Value of the equipment purchased during the year (Rs. in Lakhs)	14	6. Cores	Maher university	
Others				

MADC

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	5.12acres	-	-	5.12
Class rooms	5	-	-	-
Laboratories	-	-	-	-
Seminar Halls	-	-	-	-
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	2	-	MAHER	2

Value of the equipment purchased during the year (Rs. in Lakhs)	12	-	MAHER	12
Others	-	-	-	-

MNOC

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	1 acre 48 cent	-	MAHER University	1 acre 48 cent
Class rooms	8 Lecture Hall	-	MAHER University	8
Laboratories	8	-	MAHER University	8
Seminar Halls	2	-	MAHER University	2
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	-	-
Others	-	-	-	-

4.2 Computerization of administration and library

- 15 new Computers installed in the Administrative Office and hospital new wards
- Network Enhancement done in the campus
- The library is fully computerized. This facility provides information about the library to the users with the help of library management software
- All administrative procedures including, admission, payment of fees, maintenance of students records and the entire examination procedure are fully automated.

- Campus management system is in existence for the maintenance of students' attendance, continuous assessment marks and internal marks.
- Computers are used extensively for the administration in Medical & Dental colleges. The biometry system (Savoir system), patient registry at counter, billing and HRD and accounts are also computerised. Each Department is provided with a computer and peripherals including printers, scanners etc. with current configuration to record all patients related data in patient management software. (In house developed patient management system). A team of system engineers is appointed to look after the maintenance of the computers and its accessories.
- The central library has a online in house developed book management system .Online journals and periodicals are available.

4.3 Library services: MMCH&RI

	Existing		Newly added		Total	
	No.	Value Rs in lakhs	No.	Value Rs in lakhs	No.	Value Rs in lakhs
Text Books	11116	183.70	-	-	14155	335.43
Reference Books	3039	151.72	-	-		151.74
e-Books						
Journals	138	78.14	24	1.90	162	80.04
e-Journals	1541	1.89	-	-	1541	1.89
Digital Database	DELE NET	0.115	-	-	DELEN ET	0.115
CD & Video	730	-	-	-	730	-
Others (specify)	11116	183.70	-	-	14155	335.43

- We use A-VIEW for online classes like Surgical procedure experimental, Pharmacoinformatics, Computer aided e-learning modules in all medical departments.
- All our faculty members and staff have unlimited access to the internet. Most of the students have their own laptops and our computer lab has 49 Ethernet ports. Since the college building is Wi-Fi enabled, our students have unlimited access to the internet. The ICT facilities at our College are managed by the trained computer technicians who give us excellent support. We have adopted the MAHER University Management System which is a paperless approach to manage academic related activities like Student registration for courses, attendance, record of marks and grades, academic related resources sharing. All our faculty and staff members have undergone training on how to integrate MUMS in their work. Students are given training on how to use the different educational website.
- Regular training programs were conducted for all employees in Hospital Information System and other Software.
- All the departments are connected via intranet. We give professional training to the students and faculty in computer.
- Video conferencing facilities for online programs and sessions.

4.6 Amount spent on maintenance in lakhs :

i) ICT	18 Lakhs
ii) Campus Infrastructure and facilities	1950 Lakhs
iii) Equipments	1475 Lakhs
iv) Others	230 Lakhs
Total :	3673 Lakhs



Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC works in coordination with students section to resolve all grievances of students.
- The IQAC also monitors the feedback taken from the students and provides recommendations to the authorities for needful action and also at same time monitoring the activities of various cells like mentor counselling cell, parents teachers committee and women grievance cell.
- Each Faculty is a mentor for 25 Students. They offer counseling for students regarding their educational and personal problems. At the end of each semester the progress of their wards is apprised to their parents.
- In addition to this, each class has one faculty member as an advisor, who will take care of the students in all aspects like attendance, examinations, discipline, counseling, arranging for extra classes etc.,
- Remedial classes are conducted after the college hours to help the SC/ST and weaker students.
- To improve communication skill and personality development of the students, a number of seminars and personality development programs are organized in which students are equipped to meet the challenges in the future.
- The annual seminars and workshops conducted regularly, help in widening the knowledge in the field, promote the students' capacity to interact and communicate with experts in the field.

- Student members of the IQAC are encouraged to come out with their views and suggestions for the enhancement of quality of the institution.
- IQAC of all constituent colleges organise orientation classes to fresher's regarding students support services like mentorship programme, availability of Counsellor, remedial class for slow learners etc.
- Collects feedback from stakeholders conducts parent teacher meetings regularly and analyzes it.
- Academic guidance and financial assistance are given to students to participate in various inter-collegiate, state level and national level competitions / conferences. Information on such events is displayed on the departmental and common notice boards.
- Students are encouraged to publish in magazine and newsletters. Students write articles, jokes, poems and health talk in the annual souvenir.
- Training is provided to non-teaching staff in computers and computerization of office activities.

5.2 Efforts made by the institution for tracking the progression

The systematic approach of Institution to track the progress of the student is as follows:

- Monthly attendance report generating and its review.
- Academic council board meeting to review the performance of student in Internal Assessment examination.
- Reports to parents are sent after every internal Assessment examination.
- Annual Feedback on Facilities & Infrastructure, Teaching and Curriculum
- Result analysis – done annually.
- Internal assessment exams for UG's and PG are conducted periodically. Performance and attendance of students are mailed to the parents quarterly.

- Student feedback about teachers is regularly done to correct and improve the teaching methods.
- Passed out students – Alumni association helps in maintaining communication and track progress of these students and guide in their studies and clinical case presentation.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1438	301	42	1697

(b) No. of students outside the state

117

© No. of International students

89

Last Year						This Year					
General	SC	ST	OB C	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
272	47	1	280	Nil	600	232	41	0	327	Nil	600

Demand ratio 82.8%

Dropout % 3

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

- Career guidance Cell of MMCH students in the form of PG entrance coaching and providing 50 entrance exam books.
- The students are provided library facilities even after completion of course and allowed to use the resources of the institution. Counselling from experts

5.8 Details of gender sensitization programmes

- A gender sensitization committee has been formed both at the University level and at individual constituent college level. The gender sensitization committee has formed the Grievance Redressal Committee for Sexual Harassment to provide student safety, healthy and congenial atmosphere within the college.
- The committee responsibly deals with complaints of student harassment, sexual or of any other form.
- The University constituent Cell for Women grievance conducts regular programmes like entrepreneurships, leadership education, legal rights of women, Human Trafficking, women's health and safety, harassment at work place, Women rights and cyber law etc.
- Sensitization on health issues, self protection and self motivation are part of routine programs organized by constituent units.
- International Women's Day is celebrated on March 8th every year.
- 24 X 7 help line for girl students is available in all three constituent colleges.
- Self defence training for girls students is organized yearly by NSS.

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	-	-
Financial support from Government	-	-
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

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

- To mould a future generation of empowered students through sound health education adhering to the underlying principles of truth and traditional values, revitalized by scientific medical outlook and strengthened by the moral and social responsibility to the health of the community

Mission:

- The Institution aims at the all-round development of students, empowering them with entrepreneurial and decision making skills by providing an excellent academic environment, inculcating values of discipline, dignity, dedication and devotion to higher learning along with empathy to make them better Doctors.
- The Mission of MAHER University is to nurture and develop the talents of students and to create applicable knowledge in order to support social and health advancement.
- Academic excellence in health for a healthy society & perseverance for better growth

6.2 Does the Institution has a management Information System

1. Administrative procedures including finance

- Class Time table
- Staff Time table
- Fees collection
- Class cancellation / modification etc.
- Generation of Transfer Certificate
- Students posting including CRRI

2. Student admission

- Registration
- Generation of merit list
- Generation of Selection List and Waiting List
- Student name list

3. Student records

- Progress report generation
- Attendance Entry
- Consolidated attendance list for month and for the semester
- Attendance defaulters list
- SMS messaging to parents about attendance and progress
- CRRI – online temporary and permanent registration

4. Evaluation and examination procedures

- Nominal Roll generation
- Payment of exam fees
- Generation of examination time table
- Hall ticket distribution
- Subject control – subject and number of students appearing for the exam per session
- Entry of internal assessment marks
- Tabulation of marks and publishing of reports online.

5. Research administration:

- Research students admitted – year-wise
- Seed money for Research projects sanctioned
- Ensuring publications in Indexed journals
- Encouraging patent registration
- Organizing Research Advisory (Internal) & Research Council (External experts) meetings

6. Others

- New Website for college with latest web technology
- Expansion of Campus Wi-Fi
- E-Content

- Online examination
- Student Feedback
- Self Appraisal of staff
- Alumni Database

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

6.3.1 Curriculum Development

- Tutorial classes for slow learners
- Counselling cell in the department
- Use of ICT in teaching and learning
- Visit to research stations and academic Centre of excellence

6.3.2 Teaching and Learning

- ICT facilitated teaching.
- Remedial coaching classes
- Quiz, debate and Discussions
- Peer Teaching
- Innovative teaching methods like Role play and Interactive teaching.
- Conduct regular Faculty Development Programmes (FDP's) for faculty through the MEU for continuous and lifelong learning for professional teaching excellence.
- The university conducts academic audits for departments wherein innovations in teaching learning process are one of the agenda. All departments are encouraged to inculcate innovation and best practice in teaching and learning. Promotion of self directed learning across all the courses.
- The learning process is student centred in our University. The students are assigned tutorials, assignments, project works, seminars, and participatory

learning activities and e-learning is are encouraged and promoted in big way.

- Field activity and community based learning is encouraged so that students are exposed maximally and learn better the community problem which gives them a practical understanding of the health situation.
- Simulation labs and high tech skills labs make the student competent to perform and improve the practical skills of the students
- Maintenance of log books, clerkship records and teaching records at post graduate level teaching

6.3.3 Examination and Evaluation

- The examination and evaluation process of the university is designed within the framework of the guidelines stipulated by the respective apex bodies, after discussion in several boards of studies. The evaluation process so designed is approved by the Academic Council and ratified by the Board of Management.
- The constituent colleges are actively involved in framing the policies, through their representatives who constitute the boards of studies and the Academic Council. They are also actively involved in constitution of panel of approved external and internal examiners.
- A rational examination schedule has been prepared in consultation with the constituent Colleges and having duly considered the examination schedules of universities in the region, to ensure timely conduct of examinations and to avoid clash of dates. The schedule is also designed to ensure that fresh graduates are able to pursue further studies in India or abroad without any break of loss of academic years.
- A feedback from the external examiners & students were taken on the examination pattern and analyzed. The suggestions are passed on to the

members of BOS and academic Central valuation Question paper vetting by the chief mentor before the exams and auditing after the exam.

- Monitoring the performance of the students by means of Internal Exams, End Semester Exams, and Continuous Evaluation Communication of evaluation methods to the students by faculty at the beginning of each semester
- Declaration of Results and conducting supplementary / arrear examination for failed students.
- Timely result publication within 10-12 days from the last day of the end semester examination
- Student progress report sent eight times a year and access to parent portal for student performance & attendance resulted in increased rapport with stakeholders.
- Double Valuation
- Revaluating
- Progress Report regularly sent.
- Regular monthly test for continuous formative evaluation and feedback.

6.3.4 Research and Development

- They are 16 Research guides, Ph.D. Scholars-42, Ongoing Major Projects-4, Completed Major Projects-1, Ongoing minor projects – 27, Completed Minor projects – 6, National and International Seminars organised-13 and Faculties with Ph.D., qualification - 47. And all this has happened over the last one year because maximum thrust was given by the IQAC after NAAC peer team inspection.
- Frequent research oriented lectures by eminent academicians on research is organised regularly.
- Students' friendly software has been installed for online research resources which are available through INFLIBNET

- Every department's research lab apart from central research laboratory has been upgraded.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The e-Learning digital Centre in the library provides access to the e-learning modules and web based learning Archive.
- Classrooms, Seminar Halls and Conference Rooms are equipped with Computers and Video Projectors / LED Panels.
- Round the clock internet connectivity with 20 mbps (leased line) speed both for staff and students
- Wi-Fi connectivity to the staff members & students
- Uninterrupted power supply
- Subscription to research databases (Science Direct, Scopus, Springer, Proquest) for research references
- Sophisticated software for design, simulation, modeling, computing, etc.
- The community medicine department in Kanchipuram has acquired many state of the art equipments and commenced new laboratory investigations and specialty clinics.
- The Barcode Scanners which are ideal for scanning barcodes in the library books were procured one for the under graduate library and one for the post graduate library.
- Identity card scanner which records the time in and time out of the library users were procured for the post graduate library.

With growing shortage of power supply, power shutdown and supply mismatches, it is safe to protect the servers and computers by connecting them to a UPS. With this regard, a new 6 KV UPS has been bought for the server room.

6.3.6 Human Resource Management

- Human resources are effectively and efficiently utilized for the development of departmental activities and community extension activities.
- Annual orientation programmes for teachers are conducted by all the three constituent colleges.
- Various committee comprising of the staff coordinate different activities throughout the year
- The institution has sincere, dedicated and committed faculty and visionary management.
- The constituent college has an adequate number of qualified and competent teachers to handle all the courses.
- The faculty members have access to the computer and internet facility that are available in the departments.
- Workshops and training programs are arranged for the faculty to enrich their knowledge in handling the computers effectively
- Encouragement and support are provided to faculty members for participating and organizing of faculty development programs.

6.3.7 Faculty and Staff recruitment

- The university has laid down norms for the recruitment of teaching and non teaching staff as per the norms of the statutory bodies. The recruitment is by open advertisement and the selection is by the Selection committee constituted based on the university bye-laws and UGC guidelines. The vacancies are as determined by requirements as prescribed by various governing authorities like MCI, DCI, NCI, UGC and as well as the workload of individual departments.
- The recruited faculty are assessed annually by self appraisal method and peer evaluation and student feedback the analysis of which gives way for further enhancement and up gradation of their skills and knowledge. The

University also encourages faculty participation in continuing education programmes as well as various national and international training programs, workshops and conferences.

- Skill development programs are mandatory for the non-teaching faculty of the university.
- The university gives financial help to the existing faculty in attending various training programmes as well as National and International /Conferences/ Symposia's/ Seminars/FDPs organized in the emerging fields of their respective subjects and thus makes the faculty apt confident to face the world. Moreover study leave is provided for carrying out higher studies and fellowship programmes.

6.3.8 Industry Interaction / Collaboration

- Students are encouraged to visit reputed hospitals in health sciences and to research institutions as part of their research projects and for advanced clinical training.
- To build and maintain excellent rapport with the top management of various organizations and industries and forge collaborative industry-academia alliances.
- Initiating Memoranda of Understanding with major companies, research agencies and institutions to fetch funded projects and bring about improvement in infrastructure and teaching methodologies to enhance exposure of students and faculty to Medical practices and developments in their respective field.
- Facilitating visits by reputed orators for interaction with faculty and students through CME, CDE.

6.3.9 Admission of Students:

- The admission process is based on the philosophy that access to quality education is the fundamental right of all citizens. The MAHER University is committed to serving the economically and socially marginalised sections of society and to this end, privileges them in the admission process.
- The prime aim of the University being quality education through teaching and learning which is possible to achieve through a thorough transparency in admission process. The college strictly follows the recommendation of the admission committee constituted as per MAHER University norms and reservation policies. The process is reviewed annually and required improvements are made and implemented. Also information regarding admission procedure, infrastructure, fee, last date for admission, various activities of the college and achievements of the students in academics and sports and other relevant information is conveyed or provided through the prospectus.
- Admission of students to different courses is as per the prescribed norms of UGC, MCI, DCI, INC, etc.
- The intake of students for the MBBS and PG courses in MMCH &RI is based on the merit rank secured entrance examination in the conducted by the University.
- A separate admission cell in the university coordinates the admission of students for various courses
- Information regarding the hostel is enunciated in the prospectus clearly.
- The college has an official website and the relevant details are placed on the college website to facilitate online access to the requisite information about the admission rules, procedures, available courses and eligible criteria as per university norms.

- Faculty is available in the college as per the schedule for the help and admission of the students in all courses as per their duties in different streams/Admission to every course is conducted under the supervision of the admission committee constituted for the same purpose for various course.
- Through All India Entrance exam – (NEET).
- The admission process for Ph.D., programmes in all courses is as per UGC norms.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> ➤ MAHER Health Cards ➤ MAHER Health Scheme ➤ Staff Quarters ➤ Wi-Fi Connection ➤ Loan Facility ➤ Maternity leave Flexi-timings provided for medical reasons
Non teaching	<ul style="list-style-type: none"> ➤ MAHER Health Cards ➤ MAHER Health Scheme ➤ Staff Quarters ➤ Loan Facility ➤ Staff welfare fund and PPF. ➤ Advance amount to meet emergency expenditure. ➤ Uniforms for the support staff
Students	<ul style="list-style-type: none"> ➤ Students Community Committee ➤ Students grievance cell ➤ MAHER free Health Scheme ➤ Hostel facility ➤ Special mess for students ➤ Wi-Fi Connection ➤ Transport 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	
	<u>Yes/No</u>	Agency	<u>Yes/No</u>	Authority
Academic	Yes	IQAC	Yes	IQAC
Administrative	Yes	IQAC	Yes	IQAC

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?

- Work of examination section is computerized. This facilitates declaration of results within 15 working days from the last date of examination.
- This has facilitated smooth conduct of academic session.
- Double valuation and provision of third valuation for PG. Three external examiners are appointed for evaluation of Ph.D., thesis.
- Question paper moderation is compulsory. No complaints registered against question papers so far. Structuring of questions; marks allocation, divided.
- OSCE, OSPE method is adopted during the internal assessment examination.
- Consolidated internal assessment marks are displayed on the examination cell notice board for any discrimination

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

- The institution and its leadership are defined within the university structure. The university and institution policies and procedures clearly define respective authority and responsibility
- The university and institution leadership collaborate to secure adequate human, physical, technological, educational, and financial resources to maintain and advance the program.
- The institution contributes to the activities and governance of the university.
- The following mechanisms provide for autonomy of the institutions
- The Governing body for individual college comprising of representatives from University decide the strategic plan and requirements of the institutions
- The Board of Studies (BOS) at each institutional level is empowered to recommend syllabus/curriculum changes or changes to the evaluation/assessment methods
- The Deans/Principals of the individual colleges are members of the Board of Management (BOM), the highest decision making body where they can raise their Constituent colleges Principals/Senior faculty are members of academic council, planning and monitoring board, library committee, hostel committee, research coordination council, hostel committee, IQAC and many others wherein they can raise concerns pertaining to individual institutions. Further it is expected that academic staff of the college will have the responsibility and Opportunity to suggest the changes to any and all of these policies, as the need arises.

6.11 Activities and support from the Alumni Association

- The Alumni Association of the University consists of progressive and enlightened members. They extend their active support for the progress of the students. As our University in 15 years old only, over the years the

alumni association of the college has grown from strength to strength. Now for the last 2 to 3 years, the Alumina is having an inclination to do something for alumni matter.

- All the Alumni Associations are active in our University. Many Departments use the support of Alumina in the academic field.
- Various endowments from Alumni are in the pipe line
- Provide educational assistance to financially backward students.
- Members support the college by providing the students with lectures, seminars and counseling classes.
- Yearly alumni meeting provide the students, a golden opportunity of interaction.
- Each constituent college has a registered alumni association with a calendar of events for Alumni association.
- The alumni association also plays a vital role in providing feedback to the parent institutions. The alumni also take pride in being a part of the programmes organized by the alma mater or parent department from which the student graduated or post graduated.
- Most of the Alumni have a strong attachment to their parent organization and have taken up academic positions at their alma mate
- Alumni have their representation in the IQAC and executive committee of the management. The representatives forward the vital concerns of the students.
- Suggestions: We look forward to Alumni for interacting with students, help them in job placements and also motivate and orient them through seminars and interactive sessions for their better prospects.

6.12 Activities and support from the Parent – Teacher Association

- Parent-Teacher Meetings help to communicate to parents the areas their children are excelling in and the academic progress their children have made. Keeping this goal in mind, we organized Parent-Teacher Meetings at regular intervals (yearly twice).
- The parents are also encouraged to give feedback on the educational process, infrastructure, faculty and hostel facilities and the feedback is used for constant up gradation of facilities
- The mentorship programme also has strengthened the PTA as the teachers communicate more frequently with parents regarding their student's progress
- Departments organise a one-on-one dialogue with parents whose children need further support and counselling services to enhance performance.
- The same is taken into account for teaching and evaluation purposes.
- To strengthen a fruitful coordination the management welcomes the suggestions and feedback of the parents.
- The parents are intimated timely about the academic performance of the pupil. The marks obtained by the pupil in the House tests and cases of prolonged absenteeism of the ward in college are informed to the parents as and when required.

6.13 Development programmes for support staff

- It remains a perpetual effort of the organization to ensure the timely progress and skilful development of its support staff. Appropriate measures are taken to update them according to the current changes. Conducting of trainings in software/Office skills for rotation of staff in different sections of the offices for transparency is encouraged. The process also contributes in controlling the issue of stagnancy.

- Various research projects are carried out by the P.G. students which are later published in reputed national and international journals.
- IQAC has been established with self regulated responsibilities aimed at continuous improvement of quality for achieving academic excellence.
- Digital display of university and college events in the respective website is regularly updated to assist students and visitors regarding information of upcoming events of various departments and important circulars.
- The university has conducted green audit of its campuses and facilities, and regularly formulates action plans to have an eco-friendly ambience.
- All constituent units have continued the existing practices in promoting research through ICMR projects, departmental undergraduate survey projects, publications and presentations.
- Rallies, Road shows, Role play by students and staff for benefit of society.
- Inter disciplinary integrated seminars for post graduates.

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

- IQAC is evaluating the systematic and timely implementation of the various activities according to the plan of action chalked out by the departments in the beginning of the year
- Periodic verification of time table, monitoring and verifying the completion of portions at the departmental, college council and Principal's levels. Special classes are arranged for the completion of portions. Remedial and Tutorial classes are arranged for weak students.
- IQAR award functions implemented for faculty and students, who have won awards and brought good name to the institution.
- In order to promote student centric learning, the institution provides ICT enabled facilities, field trips and community field visits.

- Coaching classes for entrance exam purpose were organized.
- A new health gym club with all modern equipment is well functioning in the boys and girls hostel.
- Counseling facility is arranged for the needy students
- Institution has provided plenty of research opportunities to the post graduate students through conducting workshops and seminars.

Plan of action at the beginning of the year

- To start Innovative programs/ courses in every faculty of the university and to start super speciality courses at the newly established departments MMCH&RI
- To encourage Joint research projects and international collaborations
- To conduct Continuous Professional Development programs
- To strengthen the infrastructure facilities in all three constituent colleges
- To seek National/International certification from NABL &NABH.
- To improve and strengthen the MoU's signed with various organizations/industry/institutions To facilitate the recognition of the University and be amongst the top ranked Universities in the region

Action Taken Report

- Animal Ethical Committee by CPSEA certification has been granted for third time running to the Medical college along with recommendations which have been addressed to.
- Six Innovative AHS Courses started.

Academic flexibility

- The Medical College is likely to start two new MD programmes in Hospital Administration and Emergency Medicine.
- Clinical Pharmacy services have been expanded to specialized areas including oncology, antiretroviral therapy and Cardiology. Two new

experiential sites have been recruited (Kanchipuram Cancer Hospital and Apollo Hospital)

- Quality Advisory Committee meets at the end of the every session to chalk out the academic and infrastructural plans for the next session. Besides tentative dates are decided for various events to be held in the coming session such as Founders' Day, Annual Convocation, Annual Sports Meet, Alumni Meet, Hostel functions, Educational trips, etc. The duties of the teachers are charted out for the preparation of various events of cultural Festival and other Inter College Competitions.
- Class rooms with latest audiovisual aids have been provided for the teaching process of the undergraduate & Postgraduate students and to be upgraded to Smart board teaching
- Active participation of all students in interactive discussions, presentations, Debates and other co-curricular activities is encouraged.
- CCTV surveillance to ensure safety and discipline throughout the campuses
- To conduct Continuous Professional Development programs and to strengthen the infrastructure facilities.
- MAHER University has been accredited with 'B' Grade by NAAC with CGPA score of 2.49 on Oct-2015
- The Teaching Hospital & Laboratory is to undergo accreditation by NABH & NABL
- The department of Physiotherapy of MMCH&RI has been collaborating with department of Oncology, Cancer Hospital Kancheipuram.

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

Presentation of Best Practice-I

Title:

Innovative student's assessment using Cognitive, Affective and Psychomotor domains

Goal:

Application of three domains to assess and evaluate the learning process of the student in a systematic way.

Context:

The aim of every faculty is to guide and educate students to learn fundamental concepts and also improve critical thinking skills. Questionnaires related to curriculum must be framed in such way that all the three domains such as Cognitive, Affective and Psychomotor skills is assessed methodologically to facilitate students to improve their critical thinking skills. Improving critical thinking skill is a difficult task and one of the ways to achieve this is to frame questionnaires utilizing all the three domains. This helps the faculty to assess the students in a systematic way which evaluate the students performance successfully at each phase during the course, thus giving importance to all round skills of the students

Practice:

The assessment using all the three domains is adopted mainly to frame questions for theory and practical examination. Based on the three levels of domain for assessment, we have presented mapping the questions with a taxonomy table which shows the mapping of the questions in various subjects of Medicine,

Dentistry, and Nursing. All faculties are educated at the department levels to practice setting Question papers as per the newly framed University guide lines.

During a traditional lecture, the only one who is active is the lecturer—talking, writing on the board, power point presentation, asking questions and often supplying the answers when there is no response from the class. The students are passive-watching and listening and taking notes (maybe), but seldom actively thinking about the material that is being presented.

Students are called on to work individually or in small groups for brief periods of time to answer questions, start solving problem based questions, short answers and structured MCQs. At the end of the allotted period, the faculty calls on several individuals or teams for their responses, then collects more responses from volunteers, and moves on when the correct answer has been obtained and it makes clear that the students understand the basic specific learning objectives of the class.

Good things happen in a class when active interactive learning is adopted, even if it's only for a few minutes out of an hour-long class. Such activity refocuses students who have drifted off into mental breaks and energizes the entire class. If this interactive activity requires the students to do something they will later have to do on a homework and undertaken tests (such as draw and label a flowchart or a diagram, outline the solution of a problem, estimate the normal value of a variable, do some skills and perform a history taking, or come up with a theoretical interpretation of an concept or a data set), there will be a much better chance that they will be able to do it on their own in a better way when the time come during final summative assessment.

Evidence of Success:

The implementation of classifying questions based upon the three domains has resulted in positive impact on students learning outcomes. The students have clearly understood the given concept and have made them to boldly to take up

academic exams very seriously as they have to improve upon their higher order thinking skills to get good grades in examinations which we have observed after two constitute exams

Presentation of Best Practice- 2:

Title:

Regular formative assessment in the initial stage of the course provides excellent final outcome.

Goal:

Students often absent themselves from college classes now a days and take refuge in library, hostel and so-called coaching centers to clear the examination. Our object was to make them interested in attending regular classes. The goal of introducing the practice is to attract the students to the classes so that they regularly attend, follow and benefit from the classes. It is also to assess the performance of the students regularly and give feedback to develop and improve their learning skills. Ultimately the goal of the practice is to observe an interest is created among the students to perform tests.

The Context:

The formative internal assessment has been so designed at regular intervals every month of an academic session and it is made mandatory. Though it was difficult to implement in the beginning stage to achieve the desired goal, we did overcome these obstructions successfully. The students were asked to attend the classes regularly and write all the formative assessment test

The Practice:

A methodological formative internal assessment system has been introduced by the University for the last two years. All students of each year has to sit for 10 internal assessment test of 50 marks for every subject and 3 internal assessments tests for 100 marks along with practical's (theory-60, practicals-40). The average

marks of 13 theory papers 3practicals are taken into account for final University examination. The internal assessment marks of the constituent colleges are sent to the University for deciding the final result of each candidate.

Our University has been organizing its internal examination system meticulously and in a confidential way. Short term notices are given every time to the students for taking their examination. Answers scripts were carefully examined and evaluated by the different faculties and feedback/suggestions were given on their performance by the departmental faculty when their paper was distributed to them after the exam.

Evidence of Success:

The system of formative internal assessment has brought the students back to classes and interacts with the faculty, for feedback and better performance. Thus the burden of preparation of the students and the stressful nature during the final university examination is brought down. The teachers had an additional advantage of keeping a constant watch over their performance and appropriate feedback is given whenever needed. Their progress is also being reflected in their results in the ultimate university final examination.

Challenges Encountered and Resources Required:

Among the problems faced by the constituent colleges in conducting the internal Assessment test, the dearth of sufficient number of faculty members was the principal one. Some super specialty clinical departments had few teachers and there was no time for faculties to teach the students and attend to the patients. Some time few faculties did find difficulty in preparing the question paper, evaluation of answer scripts and recording of marks in the register and for mentoring the student. Certain department faculties at present were lacking motivation to work a bit hard achieves the desired goal. Few students had an adamant behavior and were hardly interested in performing tests and they don't take part in the feedback session.

7.4 Contribution to environmental awareness / protection

One of the primary objectives of the institution is to sensitize students on environmental issues and to motivate them to promote ecological justice and sustainable development. The College, on a regular basis, makes a thorough environmental assessment of the campus and implements healthy ecological practices in water and energy conservation and waste management. The three „R“s: “Reduce”, “Reuse” and “Recycle” form the essence of every eco-friendly practice adopted in the College. Some of the eco initiatives of the campus include:

- Proper dumping of hazardous waste through certified agency
- Use of plastic is discouraged inside the campus
- Save water and electricity campaign
- Massive plantation drive inside and outside the campus
- Promotion of use of CFL lamps in the campus
- Green cover with seven hundred-odd trees
- Reverse Osmosis plant
- Rain water harvesting
- Herbal garden
- Waste management (Composting and Vermicomposting)
- Safe disposal of laboratory wastes
- Sensitizing the public on environmental issues and reaching out to the community on working towards environmental protection.
- Commitment to the environment and fostering student involvement for “green” campus initiatives has always been our priority at MAHER.
- NSS activities like tree plantation, water conservation, etc.
- Strict implementation of Swachh Bharat Abhiyaan by devoting 2 hrs per week. Department lectures on World Environment Day.
- Regular participation in Swachh Bharat Abhiyaan.

- Plastic free zone campus.
- Radiation safety measures as per guidelines.
- As a token of honour and gratitude for the guests, flower or bouquet is replaced by saplings.
- Faculty and students are instructed that the campus is smoke / pollution free, mobile free.
- Campus has banned the use of tobacco and tobacco products to be eco friendly.

7.5 Whether environmental audit was conducted? Yes No

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

Strength:

- University Campus located in the heart of the city.
- The institution has a robust infrastructure.
- Good existing infrastructure, getting even better from year to year.
- Community health awareness and education about health through Role play, charts and Posters is being given utmost importance.
- Well maintained with external facilities and infrastructure
- Well maintained with external and internal facilities and infrastructure
- Environment -friendly measures undertaken
- High quality academic programmes at both graduate levels
- Broad-based curriculum with emphasis both on skills development and knowledge building
- Strong commitment to community service, social justice, empowerment of women
- Excellent forum of mentorship programs for slow learners. Mentoring system well structured

- A strong focus on high quality, student- centered teaching-learning processes committed and dedicated faculty
- Environment -friendly measures undertaken
- Broad-based curriculum with emphasis both on psychomotor skills development and knowledge building
- Highly qualified faculty, committed to student welfare
- A strong focus on high quality, student-centred teaching-learning processes committed and dedicated faculty
- Positive and sustained approach to research and related academic activities
- Excellent library facilities
- Well maintained and safe residential facilities for students
- Well-equipped high tech labs
- Several opportunities for students to develop and enhance their creative potential and individual talent
- Positive experience with all external stakeholders

Weakness:

- Limited number of Certificate Courses and diploma courses for Under graduates
- Insufficient student strength in some Nursing PG programmes
- Slow progress in identifying funding agencies for research projects
- Research aptitude of faculty in spite of excellent infrastructure due to lack of application.
- The college does not have a Research Centre.
- Shortage of Class Rooms to meet high demand ratio.
- Limited number of Smart Class Rooms.
- Faculty of Medicine and Nursing is away from the University Campus site

Opportunities:

- NAAC Reaccreditation to obtain high A⁺⁺ grade
- Collaborative learning and research through ICT with other Universities
- Expertise of faculty to tap the corporate sector for consultancy and funding for research projects
- To inculcate higher levels of interest in NGO sector to tap student potential for internships, projects and research-related activities
- Strong alumni network: Conducive learning environment.
- Well-established partnerships with other higher education institutions and research institutes
- Positive and sustained approach to research and related academic activities
- Good Research facility and clinical material.
- To organize national seminars/conferences with renowned speakers participation.
- To start a Centre for Molecular Biology Research in medicine.
- MoUs with NGO organizations for community based medical centres.
- Digitalization and up gradation of the Departmental Libraries
- Introduction of new certificate courses.
- Intercollegiate and Interdepartmental competitions
- Exhibition of Medical and Dental advancements.
- Floodlighting of Volleyball and basketball courts.
- Programmes in Cardiology, Nephrology and PG programme in transfusion medicine.
- Establish a state of the art drug and division information centre at MMCH & RI.
- Constructing a university guest house, International hostel and staff quarters.

- The University also has the potential to introduce skill based courses like, Cosmetology, Emergency Medicine, Clinical Medicine, Pulmonology and Electrophysiology, Medical Lab Technology, etc.
- With well equipped Labs in the department of Microbiology / Physiology Workshop on molecular Biology electro logical training can be introduced for outside students.
- Increasing possibilities for partnerships, networking and collaborations with the setting up of the International Research Centre
- Expanding opportunities for under taking multidisciplinary and interdisciplinary research activities at both national and global levels.
- Increased opportunities to develop and establish new programmes to meet the new and growing health demands of the community
- Increasing collaborative exchange programme with foreign institutions

Challenges:

- To strengthen further infrastructural facilities for sports.
- To establish a general dentistry clinic in rural and urban Kancheepuram.
- Strengthening of interdisciplinary research activities
- New Major and Minor research projects from external agencies
- New class rooms to be constructed for which sanction has been accorded by the University
- Contribute to open online course for the University of students.
- Swelling strength of students requires expansion of the infrastructure, which remains a challenge
- High cost of maintenance of Infrastructure
- Immediate filling up of resignation vacancies
- Focus on higher education in future policy making

- Perception that all educational processes should be directed towards preparing students for taking up entrance exam

8. Plans of Institution for next year

Curricular Enhancements

- To obtain feedback from Alumni and other stake holders
- Create continuous internal feedback system by creating student faculty committees
- IQAC to undertake internal academic audit
- Rationalizing CBCS system at UG & PG levels.
- Online assignments and feedback

New programs / Program Renewal / Increase in intake:

- Seat increase in MD/MS program
- Starting certificate and Diploma courses
- MCI recognition for 250 seats.
- Starting DM courses in Nephrology and Endocrinology
- Starting MD courses in Emergency Medicine and Critical Care

Faculty and Staff Development:

- Each Faculty will be encouraged and facilitated to increase their research output to at least one peer reviewed publication every year
- To implement the new Integrated Performance Review System effectively and to ensure that it motivates faculty to increase the quality and quantity of their contributions
- To conduct more quality improvement programmes for non teaching staff
- To organize national seminars/conferences with renowned speakers participation.
- Enhance interdisciplinary events.

- Bio-metric attendance system will be installed.
- Basic in computer knowledge browsing skills to be incorporated in the curriculum.

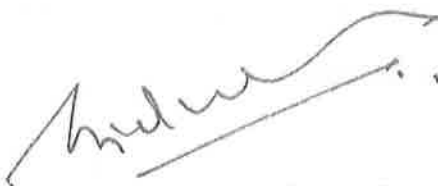
Research and Consultancy Enhancement:

- To get more funded research projects and collaborations.
- To revise the curriculum to integrate the new requirement from the university of a Masters' level thesis which every MD/MS/MDS student needs to submit before graduation
- Strengthen interdisciplinary, multifaceted research programs e.g. Gates Foundation, Sanitation care, Diabetes care.
- Joint academic and research programs with sister Institution MADC and MCON in Molecular biology and electrophysiology able to jointly harness the strengths of the two campuses
- To have more industry related projects
- To set up more industrial consultancy projects
- Strengthening of interdisciplinary research activities
- New Major and Minor research projects from external agencies
- To start a Centre of research in the University.

Infrastructure Enhancement:

- Increase number of inpatient beds from 1250 to 1500
- Increase the infrastructure facilities so as to enhance the MBBS seat from 150 to 250
- Animal house expansion
- MoUs with NGO organizations
- Digitalization and upgradation of the Departmental Libraries
- Intercollegiate and Interdepartmental competitions

- Floodlighting of Volleyball and basketball courts.
- Construction of smart class rooms.
- Up gradation of Laboratories with latest scientific equipments.
- Up gradation of the existing college canteen.
- Expansion of students reading room.
- To establish a general dentistry clinical rural and urban Kancheipuram



Name: Prof. Dr. M. Chandrasekhar

Signature of the Coordinator, IQAC



Name: Dr. Geetha Prakash

Signature of the Chairperson, IQAC
