Dr. M.G.R.
Educational and Research Institute
(Deemed to be University)

Maduravoyal, Chennai – 600 095

University with Graded Autonomy Status

(An ISO 9001-2015 Certified Institution)

Annual Quality Assurance Report

(AQAR) 2017-18

Internal Quality Assurance Cell

(IQAC)

The Annual Quality Assurance Report (AQAR) of the IQAC
July 1, 2017 – June 30, 2018

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. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2017 to June 30, 2018)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

> Dr.M.G.R Educational and Research Institute (Deemed to be University)
> Periyar EVR High Road
> Maduravoyal
> Chennai
> Tamil Nadu
> 600095 vc@drmgrdu.ac.in
> 044-23782176/23782085
> Name of the Head of the Institution: Dr.C.B. Palanivelu

1.2 Address Line 1

> Periyar EVR High Road

Address Line 2

> Maduravoyal

City/Town

> Chennai

State

> Tamil Nadu

Pin Code

> 600095

Institution e-mail address

> vc@drmgrdu.ac.in

Contact Nos.	044-23782176/23782085

Name of the Head of the Institution:	VICE CHANCELLOR, Dr. K. Meer Mustafa Hussain

Tel. No. with STD Code:	044-23782186

Mobile:	09884804999

Name of the IQAC Co-ordinator:	Dr. Malini Pande

Mobile:	09940410783

IQAC e-mail address:	iqac@drmgrdu.ac.in

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

TNUNGN10128

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC(SC)/19/A & A/74.2 dated 02-12-2016

1.5 Website address:

http://www.drmgrdu.ac.in

Web-link of the AQAR:

http://www.drmgrdu.ac.in/naac

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	-	2007	5years
2	2nd Cycle	A	3.31	2016	5 years
3					

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

15-02-2007

1.8 AQAR for the year (*for example 2010-11*)

2017-2018

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

- i. AQAR 2007-2008
- ii. AQAR 2008-2010
- iii. AQAR 2013-2014
- iv. AQAR 2014-2015
- V. AQAR 2015-2016
- VI. AQAR 2016-2017

1.10 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 [✓]

1.11 Type of Faculty/Programme

Arts [✓]   Science [✓]   Commerce [ ]   Law [ ]   PEI (Phys Edu) [ ]

TEI (Edu) [ ]   Engineering [✓]   Health Science [✓]   Management [✓]

Others (Specify) [.]

1.12 Name of the Affiliating University *(for the Colleges)*   [*NA*]

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

Autonomy by State/Central Govt. / University   [UGC]   Special Autonomy status

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 | 08

2.2 No. of Administrative/Technical staff | 16

2.3 No. of students | 4

2.4 No. of Management representatives | 01

2.5 No. of Alumni | 04

2. 6 No. of any other stakeholder and

community representatives | 02

2.7 No. of Employers/ Industrialists | 02

2.8 No. of other External Experts | 02

2.9 Total No. of members | 40

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders   No. | 04 | Faculty | 04

Non-Teaching Staff Students | 04 | Alumni | 04 | Others | 04

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. | 6 | International | - | National | 1 | State | 2 | Institution Level | 2

(ii) Themes

> ❖ National Conference on Quality Assurance in Higher Education
>
> ❖ "Quality Assurance in Higher Education: Meting the Five Grand Challenges".
>
> ❖ "Higher Education: Ideas for a Better Future".
>
> ❖ Learning from the leader: "Best Practices in Education sector"
>
> ❖ Workshop on use of Digital Technology in Teaching- Learning Process.

1.TOPICS:

Learning from the Leader: Best Practices in Education Sector

SPEAKERS

1.Dr.Edamana Prasad, IIT Madras,

DESIGNATION: Professor, IIT Madras Teaching Learning Centre.

2.Ms.N.Alamelu, IIT PALS

DESIGNATION: Past Chairperson, IIT PALS.

3.Ms.Anuradha.S, IIT PALS,

DESIGNATION: Core Member, IIT PAL

2.TOPIC:

Workshop on use of digital technology in teaching-learning process

SPEAKERS

1. Mr. Vickram Nathan, Sutherland global services,
   DESIGNATION: senior Business Director
2. Ms. Bhanurekha Condur, Sutherland global services
   DESIGNATION: Associate vice president.

3.TOPICS:

"Quality Assurance in Higher Education: Meeting the Five Grand Challenges"

SPEAKER

1. Dr.R.Bhakyalakshmi, Govt Arts & Science College for Men, Nandanam
   DESIGNATION: Asst Professor
2. Dr. Sabitha Ramakrishnan, Anna University
   DESIGNATION: Deputy Director

4.TOPICS:

Higher Education: Idea for Better Future

SPEAKERS

1.Dr. L.Vijay, S.A Engineering College,

Designation :COE,NAAC Assessor, NBA Trainer

2.Dr. T. Thyagarajan, Anna University,

Designation : Director IQAC

3. Dr. Sabitha Ramakrishnan, Anna University,

2.14 Significant Activities and contributions made by IQAC

Contribution in improving Research environment

☐ Improving Accreditation of the Institute

☐ Contribution in improving Academic Environment – Teaching, Learning Process

☐ Contribution in improving Curriculum

☐ Introducing Innovative Courses

☐ Contribution in improving Infrastructure

☐ Improving Digital Education and E-Learning

☐ Understanding Outcome based Education

☐ Understanding Accreditation Process

☐ Improving Evaluation Methods

☐ Improving Student Quality, Mentorship, and Soft Skill Training for Students

☐ Training students for competitive exams

☐ Introducing Skill Development Courses and Improving Employability

☐ Improving Industry Institute Interaction

☐ Improving Foreign Collaboration

☐ Ideation for Improving Placement

☐ Building connections with Alumni

☐ Introducing Skill Development Courses and Improving Employability

☐ Improving Industry Institute Interaction

☐ Improving Foreign Collaboration

☐ Ideation for Improving Placement

☐ Building connections with Alumni

Initiating Dr. MGR Educational Academy:

Dr. MGR IAS Training Academy: Central and State Govt. Exams

GATE, Banking, Campus Recruitment Training, Centre for Life Skills & Leadership

Centre for Excellence for Skill Development Training in Advanced Training Institute, Govt of India

Collaboration with Industry:

☐ Chennai Metro Rail Ltd

☐ L&T

☐ NSDC Certified HVAC: Heating Ventilation Air Conditioning course

☐ Skill Development Courses: NSDC, MSME, KVIC, ATI, AIEMA

MOUs initiated by IQAC:

Collaboration with Advanced Training Institute

Aimst University, Malaysia

MDIS, Singapore

ISDC UK

ICAI, Govt of India

IIFP, Bangalore

IOA, UK

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
Improving Teaching, Learning Process	FDP conducted. Ideation in Departmental & University IQAC Meetings
Improving Research Environment	FDP conducted. Ideation in Departmental & University IQAC Meetings
Providing Training on Outcome Based Education	1 National Conference, 2 workshops conducted & 2 seminars conducted. Ideation in Departmental & University IQAC Meetings
Improving Evaluation Process	University & Departmental IQAC Meetings discussed evaluation process and suggested reforms (documented in the Minutes)
Building up Linkage with the Industry	Set up Career Guidance Cell to enhance students performance during placements & Skill Development Cell in which provides skill based training to students Activities of IIPC
Building up Linkage with Foreign Universities	Collaborated with Foreign Universities for Skill up-gradation and curriculum reform
Introducing Skill Development Courses	

	Supply Chain Management and Logistics, Software courses, Banking, NSDC Certified Skill Development Courses for Engineering & Commerce
Training students for competitive exams	Dr. M. G. R. IAS Academy Dr. M. G. R. GATE Training Academy Training for GRE, GMAT,
Improving Employability and Placement	Campus Recruitment Training Program Skill Development Programs with Industry ATI Opportunities for Student Internship Training on soft skills and placement by signing MOU with outside agency.
Improving Stake holders' participation	• Quarterly Departmental IQAC Meeting • Quarterly University IQAC Meeting • Active Alumni Cell
Creating specific Goals and Objectives for Departments	Department document outlining their Goals & Objectives with quantitative targets and timelines created by IQAC. Regular appraisal of the document done
Effective monitoring, proper documentation and quality improvement	Minutes of Department and University IQAC Meetings maintained properly. Appraisal of decisions taken in Departments and University IQAC Meetings done regularly

Attach the Academic Calendar of the year as Annexure. ☑

2.16 Whether the AQAR was placed in statutory body Yes No

Management ☑ Syndicate ☐ Any other body ☐

Provide the details of the action taken

Upgraded the curriculum: Introduced industry relevant courses

☐ Improvement in teaching – learning process – new pedagogy

☐ Reviewed the decisions taken in IQAC meetings

☐ Practical training courses approved for students to make them industry ready

☐ Introduced Soft skills Course for students

Training faculty members on latest trends and technology

 Introducing Skill Development courses

 Departments set quality benchmarks/ parameters for the Academic, Administrative, Research and Extension activities

Timely review and appraisal of Departments and their achievements in terms of quality improvement done in IQAC Meetings

 SMART Goals set by Departments – Specific, Measureable, Action oriented, Result oriented, Time bound

 Review of department 5 year goals and 1 year objectives in the prescribed format

 Discussions on improvements made regarding academics and introducing industry oriented courses in the curriculum
Departments instructed to keep the following points in mind:

- Mission & Vision of the University while setting Department Goals & Objectives

- Plan the goals and objectives for each criterion in the format given to them

- Ensure implementation and continuous review

- Review of Appraisal Document: monitor achievements, based on commitments in the Departmental IQAC Meetings

 Discussion on learning through practical assignments and Operation Workouts

 IQAC initiatives to improve industry linkage

 Discussion on getting consulting assignments

 Fellowship programs for research scholars announced

 Progress of PhDs uploaded in Shodhganga

 Ideation on improving academic performance of students

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	24	4		
PG	51	2		
UG	30	8		
PG Diploma				
Advanced Diploma				
Diploma	2			
Certificate				
Others				
Total	107	14		

Interdisciplinary	15			
Innovative	9			

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

Pattern	Number of programmes
Semester	64
Trimester	0
Annual	04

1.3 Feedback from stakeholders*   Alumni ☑ Parents ✓ Employers ✓

     Students
     (On all aspects) ✓

     Mode of feedback   :   Online ✓ Manual ✓

Co-operating schools (for PEI)

     *Please provide an analysis of the feedback in the Annexure

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

Details with department

Name of the Faculty	Year 2017
Engineering & Technology	All PG Programs syllabus and curriculum revised under 2017 regulation
Computer Applications	No Revision
Humanities & Sciences (Catering)	No Revision
Management Studies	No Revision
Architecture	Revision was done as per CoA norms
Health Science (Dentistry)	Revision was done as per DCI norms
Health Science (Medicine)	Revision was done as per MCI norms
Health Science (Nursing)	Revision was done as per Nursing Council norms
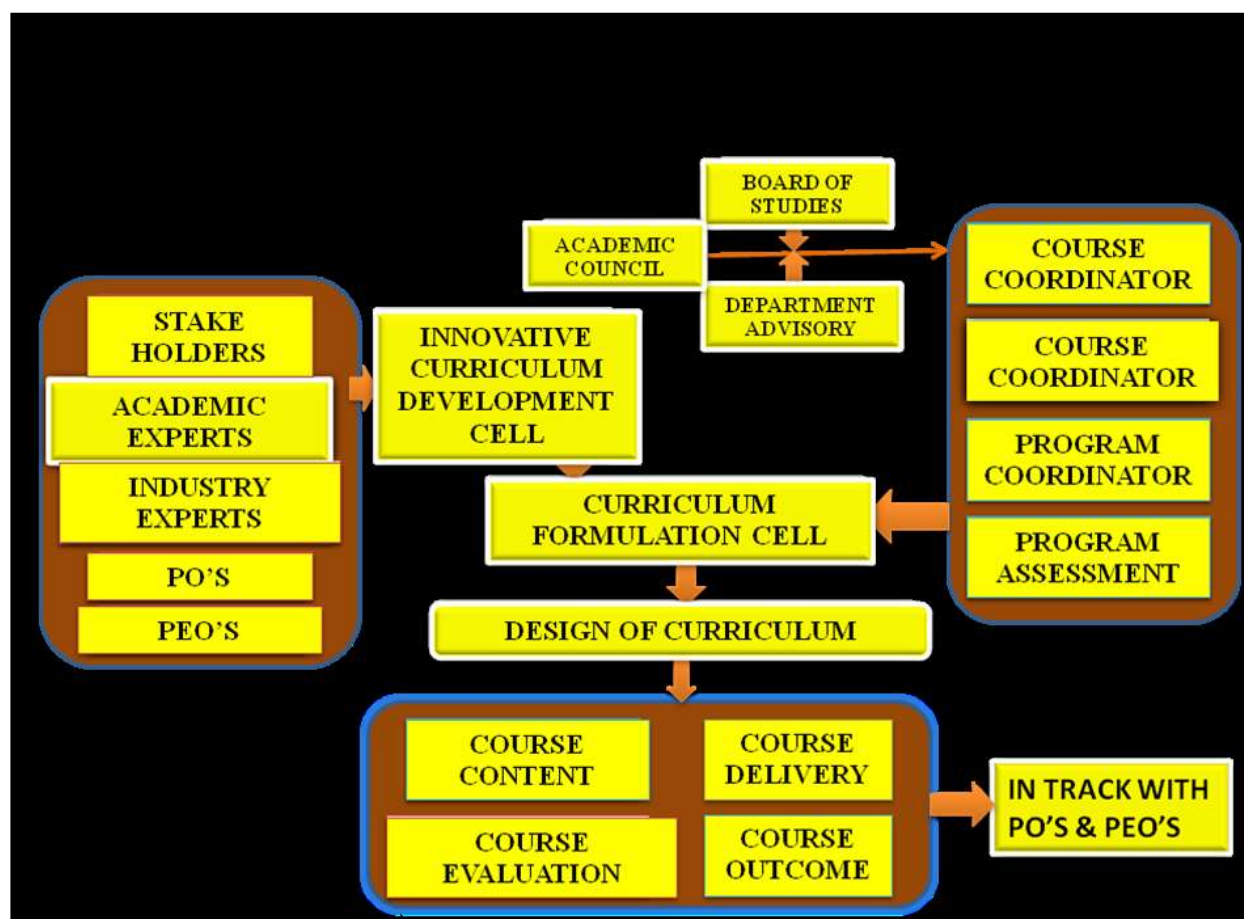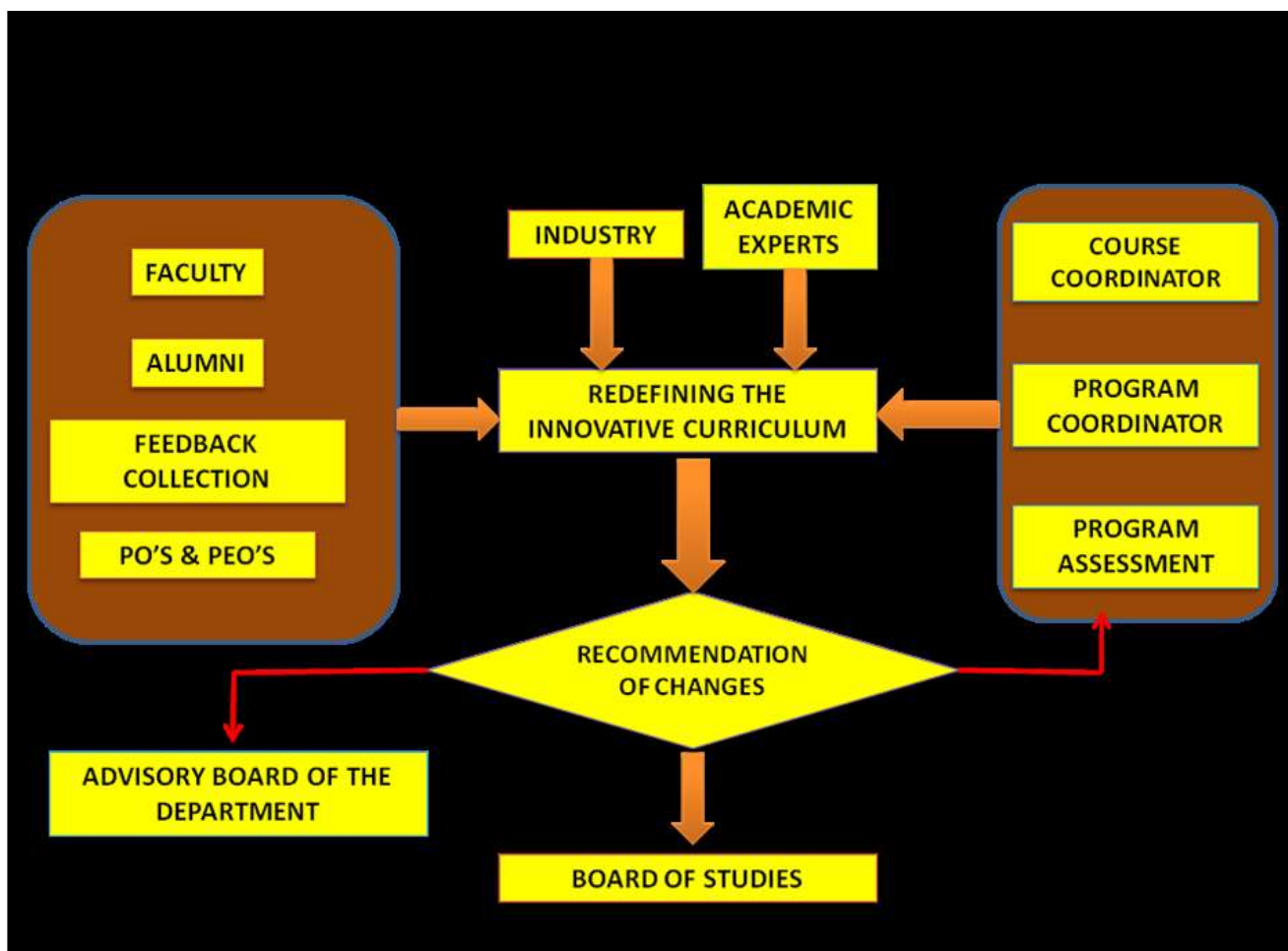
Outcome Based Education
(Courtesy: NBA-AICTE)
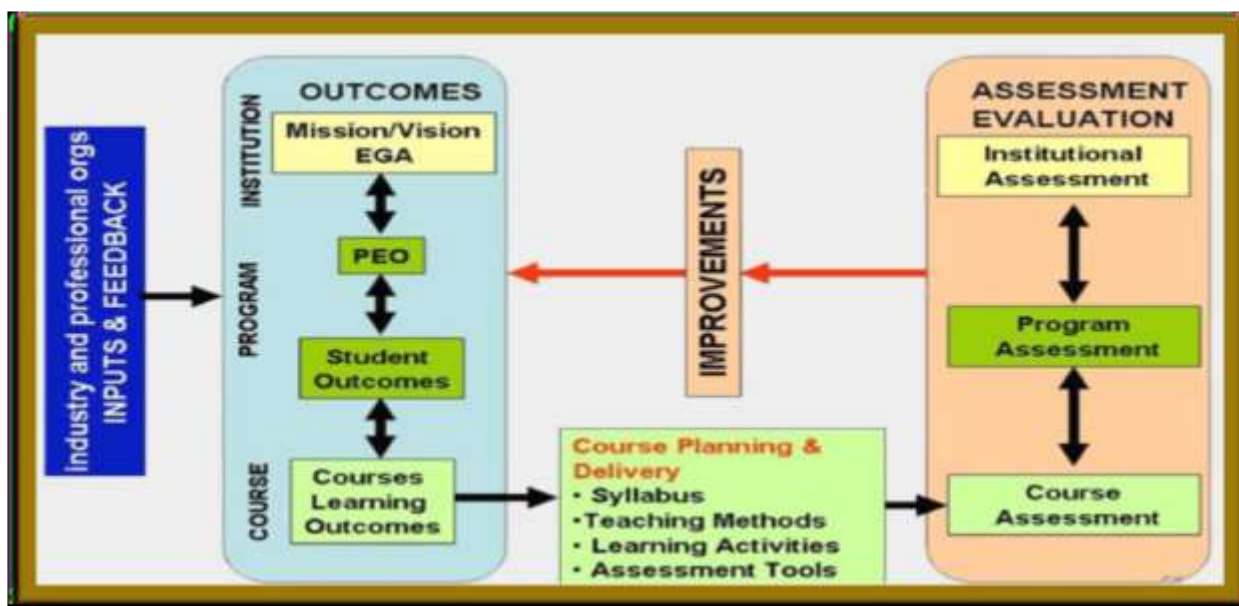
1.5 Any new Department/Centre introduced during the year. If yes, give details.

- Centre of Excellence in IOT has been developed
- Centre for Skill development in collaboration with Advanced training Institute Guindy.
- Career Guidance Cell
- Labs introduced – Robotic Lab, Research Lab
- Centre of Excellence in Design

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
857	560	130	167	nil

2.2 No. of permanent faculty with Ph.D.

110

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
111	2	15	1	26		65		220	

2.4 No. of Guest and Visiting faculty and Temporary faculty   39   9   -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	35	226	66
Presented papers	40	193	17
Resource Persons	4	29	7

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

INDUSTRIAL VISITS, MODELS, QUIZ, DEBATES, VIDEO LECTURING, PPT, SEMINARS, CHARTS, BRAIN STORMING

Both Project Based and Problem Based Learning is adopted across all Faculties of our University
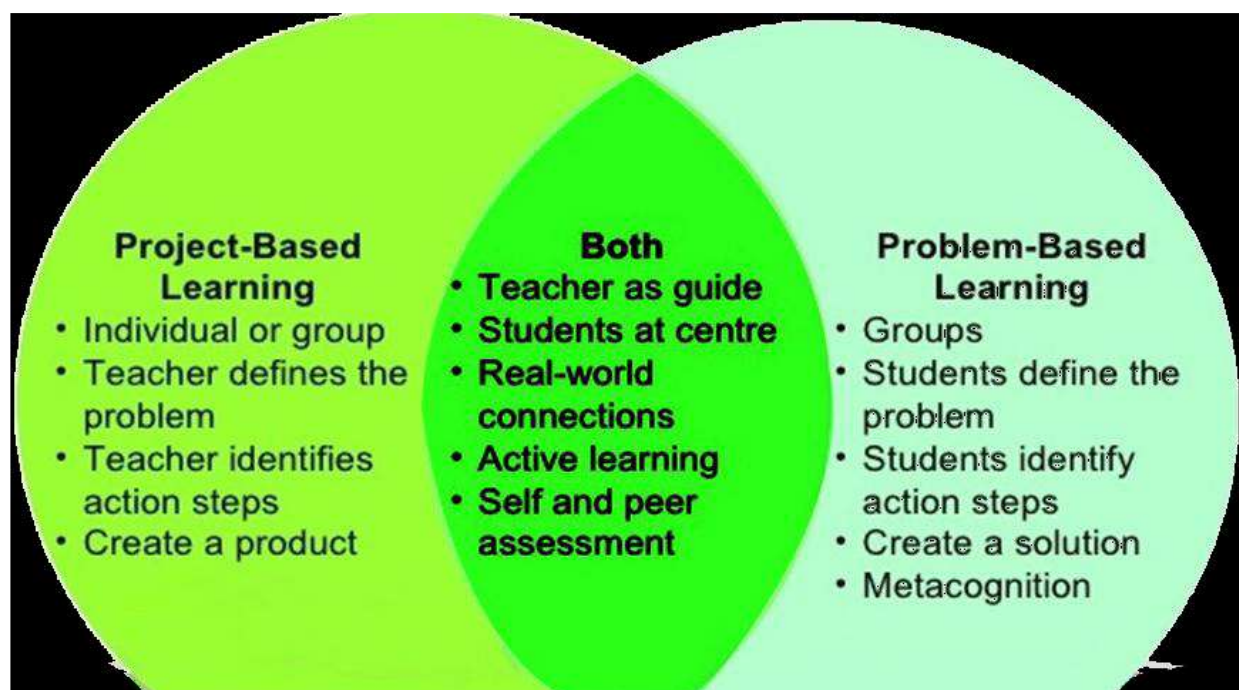
1. "See and Learn" was a technique that was developed by most of the Departments
2. Mannequins were used for chair side demos in Dental Surgery.
3. Projects were initiated for practical learning
4. To improve cognitive thinking for students Models were created and an Integrated Learning Approach (ILM) was adopted
5. Large number of Self Learning Educational Tutors (SLET) were used.

6. To give an example:
7. Handouts on advanced topics, a nicely developed academic calendar, and
8. Guest Lectures to augment and highlight the importance of innovations.
9. Experts address all Final Year students on topics of current interest.

Teaching Learning Methods:

1.Practical	13. Educational Videos	25. Industrial Visits
2.Theory	14. Website Learning	26. Real Time Projects
3.Clinical trials	15. E-Journals (E-Learning)	27. Summer Internships
4.Hands on training	16. Power Point Presentation	28. Laboratory Learning
5.Field Visits	17. Case Studies	29. Soft Skill Training
6.Seminars	18. Virtual Videos	30. 6 weeks Internship
7. Symposium	19. Role Play	31. Webinars
8.Workshops	20. Group Discussion	32. Journal Club
9.CDEs / CMEs	21. Debate	33. Small Learning Groups
10.Library Learning	22. Article Reviews	34. Group Studies or Co-operative Learning
11.Computer Based Learning	23. Guest Lectures	35. Peer Tutoring
12.Experimental Learning (Phantom Heads)	24. Seminar Presentations	36. Life Skill Development Programs

2.7 **Total No. of actual teaching days**
     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)

> Bar Coding, Double Valuation, Open Book System

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

150	99	81

2.10 Average percentage of attendance of students

75%

2.11 **Course/Programme wise distribution of pass percentage :**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG (E&T)	3768					71
B. Ed	59					100
HMCT	4					70
BDS	277					100
Nursing	197					100
MBBS	300					88
BPT	1084					82
B.S.C	1410					91
PHARM	120					95
B.COM	1177					80
B.C.A	894					80
B.ARCH	353					97
B.DESIGN	7					100
BBA	393					97
UG (Total)	10114					90
PG(E&T)	155					100
MBA(PT)	6					97
MBA	311					97
MCA	63					100
MPT	12					97
MDS	99					100
M. Phil.	12					100
M. Arch.	39					100
Nursing	7					98
M.S.C	15					100
M.COM	8					100
PG Total	723					100

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

IQAC Contributes by providing a student centred environment for quality education and helps faculty to adopt the required knowledge and technology for teaching and learning process. By getting feedback from students, parents and other stakeholders as part of IQAC on quality-related issues. IQAC ensures efficient and progressive performance of Academic, Administrative and financial tasks.

Departmental IQAC coordinators along with HOD monitor regularly and work together with faculties for the up gradation of Teaching & Learning process. Many Conferences, workshops seminars and Faculty Development programmes are arranged to upgrade the faculties in upgrading the quality of teaching and learning process. Self evaluation and peer evaluation is also part of IQAC. .

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	45
UGC – Faculty Improvement Programme	89
HRD programmes	23
Orientation programmes	46
Faculty exchange programme	0
Staff training conducted by the university	126
Staff training conducted by other institutions	38
Summer / Winter schools, Workshops, etc.	68
Others	13

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	147	-	-	-
Technical Staff	168	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

Advanced research tools, R&D lab facilities, Scholarship for research scholars, publication incentives for research papers, Quarterly departmental & University IQAC Meeting with deliberations on research. Regular meeting of Journal club. Department wise identification of 'Thrust Areas' for research. Departmental IQACs were given Research as a specific agenda for deliberations

IQAC organised Panel Discussion on research

IQAC organised a National Conference on the theme of Research

Regular meeting of journal club

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	33	23	-	-
Outlay in Rs. Lakhs	3,300,000	3257049	260000	22771086

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	56	168	-	256000
Outlay in Rs. Lakhs		556000.9	-	5500000

3.4   Details on research publications

	International	National	Others
Peer Review Journals	1047	1411	1
Non-Peer Review Journals	168	36	1
e-Journals	526	906	-
Conference proceedings	89	20	-

3.5 Details on Impact factor of publications:

Range 0.172-10   Average 0.762   h-index   29   Nos. in SCOPUS   1441

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2012-2015 2015-2017	DBT-Fast Track DBT	20 lakhs 33 lakhs	Completed ongoing (approx)
	Feb'17 onwards	ACS group of Companies	4.5 Lakhs	2 Lakhs
Minor Projects	2017-2018	MSME	550000	550000
	17-18	Dst- NEW GEN -IEDC	2.5 LAKHS	2.5 LAKHS
	2017-2018	Wadhwani Foundation	1.5 Lakhs	1.5 Lakhs
	3	Ministry of Aisush, PPL	applied	
Interdisciplinary Projects				
Industry sponsored	1)2yrs 2)2yrs 3)2yrs	1.Anabond Pvt Lt **2.DHPL**, Thirumazhisal, Chennai 3. **DHPL**, Thirumazhisal, Chennai	1)5lac 2)1.08lac 3)3.4lac	1)2yrs 2)2yrs 3)2yrs
Projects sponsored by the University/ College	Feb'17 onwards	ACS group of Companies	4.5 Lakhs	2 Lakhs
	2017	Dr.M.G.R Educational and Research Institute	10,000/-	2017
Students research projects *(other than compulsory by the University)*	Feb'17 onwards	ACS group of Companies	4.5 Lakhs	2 Lakhs

3.7 No. of books published   i) With ISBN No. | 15 | Chapters in Edited Books | - |

ii) Without ISBN No. | 4 |

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   1 crore

3.11 No. of conferences   organized by the Institution   37

Level	International	National	State	University	College
Number	2	10	3	-	-
Sponsoring agencies		IETE,ELSQUARE		-	-

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

3.13 No. of collaborations   International   3 (IBM, ORACLE, CISCO)

National   2 (C-DAC, IIT-B MHRD)

Any other   IIT Pals

3.14 No. of linkages created during this year   14

3.15 Total budget for research for current year in lakhs :

From Funding agency   yes   From Management of University/College [ ]

Total   3crores

3.16 No. of patents received this   year

Type of Patent		Number
National	Applied	12
	Granted	1
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

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
67	6	6	8	46		1

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

71

231

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

38

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

JRF [ ]   SRF [1]   Project Fellows [2]   Any other [6]

3.21 No. of students Participated in NSS events:

University level [1481]   State level [ ]

National level [ ]   International level [ ]

3.22 No. of students participated in NCC events:

University level [ ]   State level [ ]

National level [ ]   International level [ ]

3.23 No. of Awards won in NSS:

University level [8]   State level [4]

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 forum [8]   College forum [83]

NCC [--]   NSS [2]   Any other [11]

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

S. No.	DATE	DETAILS OF EVENTS AND ACTIVITIES CONDUCTED	VENUE	DETAILS OF CHIEF GUESTS / PARTICIPANTS FELICITATED
1	3rd to 5th Jan'18	SOCIAL AND ENVIRONMENTAL DEVELOPMENT INITIATIVE	SCHOOL VELAPPANCHAVADI, CHENNAI – 77.	BY THE STAFF AND II YEAR STUDENTS OF FOA
2	July'17	FORMED AND INAUGURATED SOCIAL CLUBS - TO INITIATE AND ENCOURAGE STUDENTS TO PARTICIPATE IN SOCIAL WELFARE ACTIVITIES	Faculty of Architecture, Dr.M.G.R Educational and Research Institute University.	Dean and HOD of FOA
3	07.06.2017	DONATION OF 10 FANS	GOVERNMENT SCHOOL AT MADHIRAVEDU	Faculty of Architecture, Dr. M.G.R Educational and Research Institute University.

[1] Social Awareness Programs that enables students participation are conducted. These programs help the students in bridging the gap between educational knowledge acquired in class room with real life.

[2] Street Programmes on Swatch Bharath

[3] Field trips to nearby villages

[4] Programmes on health and hygiene..

[5] NSS camps were organised.

[6] 90 awareness dental camps were organised.

[7] Adopted bright learning school for mentally challenged students

[8] Our college students participated in the Asia Book of Records, where number of students brushed simultaneously

[9] Awareness on Energy Maintenance in the society

[10] Awareness on Summer Health Tips in the society

. [11] Out Reach Program at Sri Saraswathi Vidyal Mandir Matriculation Higher Secondary School,

Ayanaambakkam, Chennai

[12] Out Reach Program at Mary Clubwallah Jadhav Higher Secondary School, Anna Nagar, Chennai

[13] IFCA 7th International Chefs Conference

[14] Food Safety Master Trainers Certification Programme

[15] Mauritian Cuisine & its culture in the light of International Culinary - An interactive session & Dem

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	188269 SQ MT	---	UNIVERSITY	188269
Class rooms	192	5	UNIVERSITY	197
Laboratories	205	5	UNIVERSITY	210
Seminar Halls	10	1	UNIVERSITY	11
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	133	35	UNIVERSITY	168
Value of the equipment purchased during the year (Rs. in Lakhs)	2155959	442539	UNIVERSITY	2598498
Others	5	1	UNIVERSITY	6

4.2 Computerization of administration and library

- Department library and Department office are computerized.
  Catalog of books and Journals are maintained through access number
- The department has a Computerized Control over the day to day events. All the relevant details related to the departmental affairs are recorded and maintained.
- The Administrative office and the Departmental Exam Cell computerized with internet facility. All internal communications are made electronically.
- The Library is computerized and installed with KOHA library Automation Software in the faculty of Pharmacy and Physiotherapy. All library proceedings and operations are recorded using the software and barcode system.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books					85491	1853400
Reference Books					15408	-
e-Books					9238050	-
Journals					563	-
e-Journals					36521	-
Digital Database					1	-
CD & Video					1000	-
Others (specify)					6	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	1032							
Added	102							
Total	1134							

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

S.No	Resource Person	Topic	Date	Category
1.	Vice President	ThinkEdu Concave	17.01.18-18.01.18	New Indian Express
2.	Mr.Ramesh	Oppurtunities in europe universities	10.01.18	Seminar
3.	Dr.Prakash Ranganathan	Secure Cyber Physical Systems	11.01.18	Guest Lecture
4.	Ms. Sruthi jaggi ,UK	Courses and scholarship oppurtunities in nottingham trent university,UK	25.01.18	Seminar
5.	Ms. Prof. Cecilia Goyon	Higher Education Opportunities in France	01.02.18	Talk on Higher Studies
6.	Mr. T. Varnan	Enterpruenership Oppurtunities in Digital Marketing	02.02.18	Guest Lecture
7.	Mr.Achimfabig	Hindu international expo,2018	05.02.18	Hindu international expo

8.	Mr. V. Senthil	Logic of Programming using Phython	09.02.18	Technical Talk - Series
9.	Prof. Gurdeep S Hura,	Visit programme	09.02.18	Guest Lecture
10.	Mr. Jon Bonnar	Australian Education Fair	10.02.18	Education Fair
11.	Mr. Siddharth Nambi	Intra and Interpersonal Skills	12.02.18	Guest Lecture
12.	Dr. T.V. Ananthan	Job Opportunities in Networking Domain	13.02.18	Guest Lecture
13.	Dr. R. Shoba Rani	Compile the Compiler	14.02.18	Guest Lecture
14.	Dr. Tanupriya Chowdhary	Meeting Industry Demands - Human Computer Interaction	16.02.18	Alumni Interaction
15.	Mr. Swaminathan, IRS	Career Guidance Utsav 2018	19.02.18	Career Guidance Utsav 2018
16.	Meenakshi Engg College, Kodambakkam	150 Year Celebration for Sister Niveditha	22.02.18	NSS Activity
17.	Dr. P.V.S. Jagan Moha Rao Vice President SAFA (South Asian Federation for Accountants)	Business Analytics / GST / Artificial Intelligence in Business and Management	23.02.18	International Seminar
18.	Blockchain Technology and Crypto Currencies	Mr. Appavu Karunakar, Vice President, TISO Risk and Control, Citibank	28.2.18	Technical Talk (CSI)
19.	Mr. Nandakumar	Networking Certification and Job Opportunities	28.2.18	Seminar
20.	Mr. Sukumar Subburaj	Guest Lecture	09.03.2018	Cloud Computing and skill set Expectations
21.	Mr. Arunjain	Unmukt Program	10.03.2018	CEO Intellect
22.	Ms.Deepika & S.Ilakiya	Training Program	13/3/18-20/3/18	Oracle SQL / PLSQL & Java
23.	ACMA	ACMA Safety Convention Meet	15/3/18	Project
24.	Mr. Illamcheziyan	Guest Lecture	23/3/18	Funding Opportunities in MSME
25.	Dr. N. Ethiraj	Interdisciplinary Guest Lecture	26/3/18	Industry 4.0
26.	Dr. S. Ramamoorthy	Mozilla Club Activity Technical Talk	26/3/18	Augmented Reality
27.	Ms. Nivetha Sivakumar	Technical Talk (MGR CSI Student Chapter)	27/3/18	Corporate Etiquette
	Industrial Visit	IGCAR, Kalpakkam	06.04.2018	Industrial Visit
28.	Mr. Achim Fabig Consul General of the Federal Republic of Germany	NCICT'18	9/4/18-10/4/18	4th National Conf. on Innovative Computing Techniques NCICT'18 "Data-
29.	Dr. N. Kala Baskar Director-In-charge, Centre for Cyber Forensics and Information Security, University of Madras	Cyber Forensics and Information Security		Science, Analytics & Security (D-SAS)
30.	Mr. Harris Mrs. Henna	CSR Event	9/5/2018	Orphanage - Bharatha Matha Sevai Illam
31.	Dr.Devendran , Ms.B.Mahalakshmi	Hands On Training for students and Faculty Members		SPSS & MATLAB
32.		course with certification in Google organization		Fundamentals of Digital Marketing
33.	Dr.Devendran , Ms.B.Mahalakshmi	course with certification in Google organization		Analytics for Beginners

34.	Dr.G.Brindha, Dr.B.Neeraja, Dr.S.Asrafi, Dr.A.Devendran, Dr.M.Radhikaashree, Mr.S.V.Elumalai, Ms.Mahalakshmi.B.	THE HINDU Group of Organization		Step For teaching Professionals
35.	Dr.G.Brindha	Training for students and Faculty Members		Big Data Analysis

4.6 Amount spent on maintenance in lakhs :

i) ICT
> 1 crore

ii) Campus Infrastructure and facilities
> 8 crores

iii) Equipments
> 9 crores

iv) Others
> 4crores

TOTAL
> 22crores

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> Adopting Digital learning
> Focusing more on skill development
> Setting up system for coaching for competitive exams
> Created awareness about the role of soft skills in improving employability

5.2 Efforts made by the institution for tracking the progression

> Departmental IQAC Meetings
>
> University IQAC Meetings
>
> Regular monitoring by IQAC

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
10114	723	240	-

(b) No. of students outside the state   959

(c) No. of international students   4

	Men	No	%		Women	No	%
		7627				3387	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2702	563	40	3	3	3308	1240	674	36		3	3755

Demand ratio   Dropout %

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

Dr.MGR IAS Academy

Campus Recruitment Training Centre

GATE Coaching centre

Banking Exam Training

No. of students beneficiaries   1922

5.5 No. of students qualified in these examinations

NET [ ]   SET/SLET [ ]   GATE [ ]   [ ]

IAS/IPS etc [ ]   State PSC [ ]   UPSC [ ]   Others [ ]

5.6 Details of student counselling and career guidance

Dr.MGR Career Guidance Cell

Mentorship at the Department level

No. of students benefitted   1922

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
175	1274	-	1179

5.8 Details of gender sensitization programmes

Gender Sensitization Programmes on Women's Day

5.9 Students Activities

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

State/ University level 640   National level 20   International level 1

No. of students participated in cultural events

State/ University level 48   National level 3   International level

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

Sports : State/ University level 166   National level 17   International level 1

Cultural: State/ University level 57   National level 1   International level

5.10 Scholarships and Financial Support

	No. of students	Amount
Financial support from institution	66	7022500
Financial support from government	5	As per govt norms
Financial support from other sources	15	-
Number of students who received International/ National recognitions	1	-

5.11 Student organised / initiatives

Fairs : State/ University level 2   National level 1   International level

Exhibition: State/ University level 1   National level   International level

5.12 No. of social initiatives undertaken by the students 117

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

OUR VISION

To provide for Contemporary Knowledge Delivery of Global Standards, excellence in Knowledge creation in Emerging Areas and Mutually Rewarding University -Societal Interaction

OUR MISSION

Our Mission is to make the Institution as a Resource Centre for Higher Level Teaching . Learning Process, in the fields of Engineering, Dental Surgery, Medicine, Allied Health Sciences, Humanities & Sciences, Architecture, Management & Education, so as to impart relevant training and education to the youth to make them technically qualified, practically competent and skilled human resources, to suit the needs and demands of the modern industries, business or research and development organizations, besides promoting ethical values and encouraging creative ideas among the younger generation and thereby to develop their entrepreneurial skills which will ultimately benefit the Society and Nation. *"Our Students are to be Job Creators and not Job Seekers"*

OUR QUALITY POLICY

We strive to make our University as a Centre of Excellence for Quality Education and Research in the fields of Engineering and Technology, Dentistry, Medicine & Allied Health Sciences, Architecture, Science & Humanities. We aim to impart technological competence and inculcate dignity, discipline and humaneness to all our students.
To promote the mission of the University we provide quality education, training, research and consultancy, so as to enhance employability and entrepreneurial skills of its students. Effective interface with industry and other institutions within and outside the country is the cornerstone of the approach. We intend to provide and develop the capabilities of the students by raising their level of competence and intellect to face various challenges in the global environment. Through research oriented continuous quality education in convergence with knowledge, skills and values we try to empower students to meet global standards in entrepreneurship. We strive to develop citizens with knowledge, skill and character leading to entrepreneurship development, economic transformation and National development.
The Mission statement is duly propagated through display boards as well as information brochures for awareness of the various stakeholders and to serve as reminder to students and employees of the University. With the unique pedagogy of teaching, a blend of creativity and analytical problem-solving skills, the focus of all programs is to develop holistic human beings who internalize a synthesis of conventional and modern scientific, management, and entrepreneurial thinking and who can comfortably adapt to changing business requirements

6.2 Does the Institution has a management Information System

It is a compact package, designed to provide a sophisticated, state of the art web technology, aimed at bringing about total quality in Education Management. JPS focuses on excellent coordination between University and students, making e-education scenario "a reality". It provides the detailed structure of the University and its departments.
It covers all aspects of the University, Students, Faculties, Departments, Assessment Marks, Attendance, Examination Time Table, Results, Placements and other Co – Curricular and Extra - Curricular activities. Our University provides various information's about the staff and students, through the website : www.jackprodigy.com. JPS helps the Faculty members, Parents and Students of our University to keep

track of the day-to-day activities such as Attendance Management, Mentee Management, Management Information System (MIS), Internal Assessment Management, Reports Generation etc.

The following are some of the highlights and best practices of our user friendly System

- The process of Course Registration, Student Registration, and Mentee Registration is simplified in our University.

- The attendance marking system in our University is very user friendly.

- The online leave submission, OD submission, Medical leave submission and their corresponding approvals are decentralized.

- The change/delete attendance, late attendance entry, internal assessment correction/deletion goes through automated hierarchical approvals.

- The attendance and the internal marks are transparent and can be viewed by students, parents, teachers and Heads of Departments. This information is also disseminated to parents through SMS.

- Mentors are provided with an efficient reviewing system for their mentees.

- A reminder through SMS helps the mentees to enter the attendance on time.

- Color coded report facilitates the mentors to easily track the reviewing /status / approval processes.

- The internal assessment reports can be generated from the University system itself which will then be sent to parents through postal communication.

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

6.3.1 Curriculum Development

The IQAC of our University is basically involved in the following functions and members have been drawn from across the various faculties of the University:

 Establishment of Quality Parameters

 Ensuring Effective Teaching-Learning & Evaluation Process

 Establishment of Feedback Collection Mechanism from Stake-holders

 Maintenance of Institutional Database

 Student Support for Higher Education

 Facilitating Workshops, Seminars, Conferences etc

 Adoption and Communication of Good Practices

 Documentation of Quality Improvement

☐ Quality Culture Promotion

☐ Preparation and Submission of AQAR

☐ The curriculum is designed by the Curriculum Development Cell (CDC) of the department after exhaustive discussion with the teaching faculty. The following points are kept as guidelines for the entire curriculum design process:

☐ The process of designing a program curriculum that includes components to meet the PEOs.

☐ The curriculum program design committee with representatives of various stake holders in the University

☐ The process of sequence is as follows: Department curriculum committee – Board of studies members- Academic Council – approval.

☐ In tune with institution's goals and objectives

☐ Special emphasis on expertise in delivery and research

☐ Framing curriculum through interactive expert group meeting

☐ Departmental & University IQAC, Board of Studies and Academic Council facilitate curricular development

☐ Board of Studies frames and revises course curriculum

☐ Academic council reviews and approves proposals of the Board of Studies

☐ The curriculum has been designed keeping in mind the need of the ever growing and expanding

industry. Therefore the syllabus is designed taking into consideration

☐ IQAC Cell organized Curriculum development Program & Outcome Based Education Workshops

☐ BOS had been set for developing the curriculum of UG and PG courses. Different interdisciplinary courses have been introduced in the syllabus. Suggestions from each individual staff regarding their subjects have been considered. Syllabus has been planned according to the industrial requirement of the students

☐ Class Committee Meeting and Alumini Meeting was organized periodically

6.3.2 Teaching and Learning

Blooms Level Graded Course Materials for Theory And Lab

☐ Android App Enabled Gaming Modules For Different Subjects With Online Evaluation

☐ Online Testing

☐ Mini Projects To Supplement Lab Sessions

☐ Self-learning Educational Tutor With Illustrative Contents And Useful Web Links

☐ Curriculum / Syllabus is posted on the Institute website

☐ Lesson Delivery Plans (LDP) along with suggested text books for courses are provided

☐ Faculty members encourage group discussions as well as participatory learning

☐ Teaching processes evoke critical thinking, creativity and scientific temper

☐ The whole campus is Wi-Fi enabled

☐ Recruitment of Faculty with good academic profile and attitude. Various teaching strategies are used for teaching like lecture cum discussion, Panel discussion, observational visit, demonstration, symposium, field visit. Self learning is encouraged by giving Project method which involves survey, Internet browsing etc.

☐ More interactive workshops , enhancing student centric learning and assessment methods

☐ Differential requirements of the student community are thoroughly analyzed to pick out the key issues and then teaching methods are tweaked to ensure our students get

☐ Remedial coaching

☐ Tutorial sessions

☐ peer teaching from advanced learners

☐ Bridge courses

☐ The learning is made student-centric by a combination of lectures and creative methods such as

- Projects Hands-on experience
- Internship Intense training
- Power point presentations
- Visual impact
- Visits to reputed star hotels Learning of etiquette
- Extension activities Social commitment
- Workshops Exposure to other branches of learning
- Educational tours The importance of regional cuisines and methods
- Quiz Objective study of the subject

6.3.3 Examination and Evaluation

Double Valuation, OMR Answer sheet & Option for photocopy of answer sheet in order to enable transparency of evaluation

☐ Evaluation of Final exam answer-books is carried out as a Centralized Assessment Programme (CAP). As a result, all the results can be declared within 15 days of completion of the exam. The examination results are posted on the University website

☐ All answer sheets are Bar coded

☐ Examiners are appointed for evaluation from outside Universities and Institutions

☐ Theory question papers are set by faculty members from outside Universities and Institutions

☐ Practical Exams are conducted by 50% internal examiners, 25% within the State and 25% outside the State

☐ University results are declared within 15 days

6.3.4   Research and Development

Research awards are given to faculties on variety of areas like: number of publications, impact factor, paper citations Research guidance etc.

☐ Paid leave for attending workshops/conferences

☐ Travel grants for international conferences

☐ Conduction of research methodology workshops

☐ Awards and financial incentives given to faculty based on their research activities

☐ Student projects are mostly intramurally funded (Provision of man power, all resources and support)

☐ Seed money

☐ Advance against Grants

6.3.5   Library, ICT and physical infrastructure / instrumentation

Digital Library , Bar Coding, Smart Classrooms, Provision of LCD Projectors in Classrooms.

A well-equipped library and classrooms with ICT and smart boards. Our library has well demarcated space for book bank, reading section, reference section, and study section, offices for librarian & Assistant librarian.

6.3.6   Human Resource Management

Faculty appraisal is done annually and rewards will be given based on the appraisal

HR department deals with recruitment, staff salary, and staff leave etc.

6.3.7   Faculty and Staff recruitment

Faculty positions required are advertised in leading newspapers. Interview for them will be done by a board of experts from the University eminent academic experts outside the University

Rules and regulations and directions given by the Government and UGC, regarding recruitment of the faculty and non-teaching staff are followed strictly.

6.3.8 Industry Interaction / Collaboration

☐Industry Institute Planning Cell set up in the University under the office of Dean Strategy, Planning and Development

☐ We understand that theoretical learning has to be complemented with practical learning so that we can excel in this cut throat, intensely competitive world where survivor of the fittest is the only reality. Keeping in mind the challenges of creating employable graduates, Dr M.G.R. University has created an innovative Cell called the Industry Institute Planning Cell with the aim of creating a bridge with the industry. This Cell focuses on taking the student community to the next level by enhancing their technical and life skills and improving their employability.

☐ Dr.M.G.R. University wishes to create students who are ready for the challenges of 21st century. Keeping this in mind we have established an Industry Institute Planning Cell (IIPC) to create a bridge between the University & Industry. IIPC, in collaboration with industry organizes practical training for students, workshops, conferences, lectures, industrial visits, & also networks with industry for curriculum development. The University IIPC focuses on creating the right ambience for young minds where they enter the work place with a heightened sense of analytical thinking, creativity, and skills.

☐ Internships for meritorious students are being arranged in the summer and winter vacation by having an MoU with industries.

☐ Students go for industrial visit once in a year.
   ☐   Tie up with Foreign Universities for knowledge exchange

6.3.9 Admission of Students

☐ Combination Marks and Common Entrance Test

☐ Education Fair and Advertisements

6.4 Welfare schemes

Teaching	50% concession on medical treatment, PF,ESI
Non teaching	50% concession on medical treatment, PF,ESI
Students	50% concession on medical treatment

6.5 Total corpus fund generated

Above 12 Crores

6.6 Whether annual financial audit has been done   Yes ✔   No

---

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO, NAAC, IAO	yes	ISO, IQAC
Administrative	yes	ISO, NAAC, IAO	yes	ISO, 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?

Evaluation Blue Print
The student's academic progress is monitored regularly through out the semester

☐Continuous Assessment Tests

☐Model Tests, Seminars

☐Group Discussion

☐Assignments

☐Attendance

☐End Semester Examinations

i) Components for evaluation are:

• Continuous Assessment- I (90 Minutes) - 50 Marks

• Continuous Assessment - II (90 Minutes) - 50 Marks

• Model Examinations (3 hours) - 100 Marks

• End Semester Examinations (3 hours) - 100 Marks

ii) Components for Internal Marks Evaluation are

• Average of Continuous Assessments I & II   40%

• Pre-University Exam (CAT – III)   45%

• Assignment(s) / ILMs   15%

50% of marks are assigned for Continuous Internal Assessments
50% is for End Semester Examinations

iii) Questions are prepared as per Blooms Taxonomy levels and mapped with Course Outcomes and submitted along with answer keys to the Continuous Assessment Cell

iv) For Health Science Courses, evaluation is done on the basis of respective Statutory Council Norms

v) The evaluation process is transparent, where answer scripts and assignments are returned back to the students and feedback given by the faculty for scope of improvement of the students

vi) The individual Departments of the University give valuable inputs to COE incase if any reforms are required. They submit Question Banks and suggest renowned persons from the field to be external experts during examination.

vii) Question paper settings is as per the syllabi 60% weightage is for must know, 30% is for desirable to know and 10% for nice to know.

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

NA

6.11 Activities and support from the Alumni Association

The Alumni Association helps the students to get placed in various companies within the city and outside the city. They help them in sorting out the procedures to apply for jobs abroad. They also participate in giving Guest Lectures and conduct workshops.

6.12 Activities and support from the Parent – Teacher Association

Marks obtained by the students in CAT exam and their attendance percentage is sent to their residence, and parents are called for a meeting. Parents teacher meeting is conducted to discuss academic & non academic issues periodically

6.13 Development programmes for support staff

- ❖ Programs for Skill Development training
- ❖ Orientation Training Programme for Soft skill Training and ICT Training Programme
- ❖ Language programmes
- ❖ Spoken English Training Programs
- ❖ Medical Laboratory Training programme for Technicians
- ❖ Special programs for Non Teaching staff Members

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

The campus is strictly a No smoking zone and No Tobacco zone

University initiated steps towards exploring and providing opportunities for exploiting Renewable energy

Incandescent light bulbs were replaced by cost effective, high efficient LEDs. In addition, proper placement of windows and skylights as well as the use of architectural features that reflect light into a building has reduced the need for artificial lighting

Energy conservation is achieved by optimum usage of lights and electrical appliances only when needed

Rain water harvesting has been done in the existing buildings. It is also made mandatory in all the new / proposed constructions in the college

Planting of more trees for a healthy environment

Criterion – VII

7. <u>Innovations and Best Practices</u>

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

- ✓ CRRI health update seminar program

- ✓ Training on health education material preparation

- ✓ Interns mandatory research project program

- ✓ Child to Child Program

- ✓ Train the trainer

- ✓ Quiz programmes organized by departments for the students

- ✓ Staff log books was updated with CAT summary and pervious theory pass details and rubric analysis was made for the route lab schedule dates

- ✓ Dissection of Responsibilities: Different committees are constituted with specified members to regulate and carryout specific duties and functions. This method has considerably reduced the duplication of work and provided a concrete source of information.

- ✓ Building construction subject has been introduced with more Hands on Workshops and Architectural Design has been introduced with 3 to 4 design choices within the class.

- ✓ Lab chemist skill development programme has been introduced in the department. This course will train the students so that they will become industry ready specifically for rubber industries.

- ✓ To inculcate the research habit into students "project expo" conducted

- ✓ Classes handled using smart classroom

- ✓ More focus on innovative teaching pedagogy: Problems solving, Role play, Case Studies, Peer teaching experimental learning

- ✓ Students are encouraged to participate in community get together through social awareness programs and by celebrating inter religious functions.

- ✓ Seminars and training programs, Industrial Visits for students, are conducted regularly

- ✓ **Introduction of innovative elective courses in various departments**

- ✓ **Initiative towards collaborating with institutes:** MOUs & internships

- ✓ **Initiative for regular publication**: To promote scientific research temper among undergraduate students by encouraging them to present scientific papers and publish articles in journals

- ✓ Students and the faculties are encouraged to attend conference, CDE programs and hands on courses which improved the scientific knowledge of the students as well as the faculties.

- ✓ **Journal clubs** to promote the knowledge of recent concepts and articles published in the related field.

- ✓ E-book for quick access, on-line test for absentees in the CAT exams, Industrial Visits, Educational Tours and NS.

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	Action Taken
Improving Teaching, Learning Process	FDP conducted. Ideation in Departmental & University IQAC Meetings ICT enabled teaching Project based learning More focus on learning by doing & experiential learning
Promoting E Learning & contributing to Digital Education	Agenda in Departmental IQAC discussions Conducted FDPs on how to leverage technology for digital learning Some departments started using digital education for few papers Better utilization of E learning platforms & MOOCs for teaching - learning
Skill Development & internships	MOU with Advanced Technical Institute, Govt of India More internships for students in small & medium enterprises
Improving Research Environment	FDP conducted. Ideation in Departmental & University IQAC Meetings Advanced Research Institute and its research projects Better quality of publications

Improving Student Support	Dr. MGR IAS Academy for IAS coaching Facility for Coaching for GATE & Bank Exams Campus Recruitment Training Soft skills training UPSC Club set up More activities of Career Guidance Cell & IIPC
Improving Evaluation Process	University & Departmental IQAC Meetings discussed evaluation process and suggested reforms (documented in the Minutes)
Building up Linkage with the Industry	Set up Career Guidance Cell to enhance students performance during placements & Skill Development Cell in which provides skill based training to students Activities of IIPC
Building up Linkage with Foreign Universities	Collaborated with Foreign Universities for Skill up-gradation and curriculum reform
Introducing innovative Courses in various Departments	Several new Professional Courses introduced from Academic year 2018
Creating time bound Goals and Objectives for Departments	Department document template outlining their time bound Goals & Objectives with quantitative targets and timelines created by IQAC. Regular appraisal of the document done
Plan of Action	**Action Taken**
Improving Teaching, Learning Process	FDP conducted. Ideation in Departmental & University IQAC Meetings ICT enabled teaching Project based learning More focus on learning by doing & experiential learning

- IQAC aimed at providing a safe environment for women in the campus. Keeping this in mind the University Women Protection Cell which looks after the concerns of women faculty and students was energised. The Cell will interact with women student representatives frequently to identify any of sexual harassment incidents that may occur. Until now there have been no such incidents that were needed to be handled. If any such minor incidents are identified by the Cell, then there disciplinary action will be taken against the offenders who violate the rules. The Women Protection Cell deals with such cases very confidentially to preserve the self-respect of women students. It was constituted as per guidelines issued by UGC.

- After deliberations in IQAC Meetings, Anti-Ragging Squads were constituted at Department level, to monitor day to day activities. Anti-Ragging undertaking form has to be filled up by the parents and the students at the time of admission in the University.

- Reforms were made in the curriculum, based on the requirements, and research activities were promoted to make students actively participate in publishing research articles.

- To improve student quality periodic class activities with debates and quiz to motivate and enhance students interaction were done. Students (UG& PG) were encouraged to participate in conferences, present papers and posters etc.

- Industrial visits planned at the beginning of the academic year have been carried out and the students get practical exposure which helps in improving skills.

- IQAC Brainstorming sessions gave ideas for innovative teaching and Departments improved their Teaching Pedagogy based on these discussions

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

1. Quality circle for the department, scrutinizes the Question Papers before the end semester examinations.

2. *Special Counselling is been given to the students for attending the Competitive examinations and also to participate in the Innovative Prototype Competitions.
3. *Practicing the students to get familiarised in the Software packages like PSCAD, E-TAP, LABVIEW etc.
4. The assessment Outcome : CAT exams are conducted for assessing the students internal marks are awarded based on their performance. Weak Students are given Special Coaching ,more assignments s in order to improve their standard

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

7.4 Contribution to environmental awareness / protection

Environment Cleanliness in your surroundings
 Power Saving Initiative
- ➢ Green Campus

- ➢ Biomedical Waste Management

- ➢ Water Conservation

- ➢ Solar Energy power

- ➢ Tree Plantation

- ➢ Sewage Treatment

- ➢ Participation is SWACH BHARAT, awareness about global warming, students are motivated in planting plant saplings, importance of cleanliness to be maintained in the college premises, toilets & labs, tobacco free zone, smoke free zone.

- ➢ Awareness program on waste management like differentiating biodegradable and non biodegradable wastes had been conducted in the slum area near Maduravoyal

- ➢ Use of energy efficient and rated electrical equipments to conserve energy.

- ➢ Minimization of energy consumption through systematic monitoring.

- ➢ Waste management through proper segregation and disposal.

- ➢ Environment based awareness programs for the public are organized by the students.

- ➢ Bio-medical waste management is well handeled by the institution

- ➢ Water recycling plant

- ➢ Students are motivated to avoid the usage of Plastic bags as much as possible to reduce the amount of biodegradable wastes.

- ➢ All Teaching, Non –teaching staff and Students are instructed to avoid unnecessary usage of electrical appliances. When electrical appliances are 'ON' in a needless place, everyone is instructed to be responsible to Switch OFF the same.

- ➢ E-Waste Management, Hazardous waste management, Landscape garden & Sapling distribution, Energy Conservation, Water harvesting, (Recycling), earth day celebration, Organic Garden

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

- • NAAC 'A' grade with Special Autonomy Status, NBA Certification for 5 Departments, & an ISO certified Institution.

- • An institute with excellent & large infrastructure in the Urban/Semi Urban area, good sports facilities, Library & IT infrastructure, & other amenities like medical, hostel, transport, canteen etc.

- • The Curriculum Design and Development based on Outcome / Objective Based Educational (OBE) principles.

- • We have consistently revised our curriculum. The changes introduced in the curriculum had taken into consideration industrial requirements; inputs having been obtained from Industry Experts   on our Board of Studies.

- • Newer Electives / Innovative procedures were introduced, like ILMs and SLETs.

- • Our Curriculum Development Cell in all the Departments has also been   subjected to review at Heads of Departments meetings.

- • Feedback on the curriculum has been obtained from all the   stakeholders & an effort has been made to implement some of the recommendations.

- Courses for Skill Development (CBSD) have been introduced & collaboration with Institutes that can provide skill based training has been initiated e.g. ATI, Govt. of India, ISDC, IOA, ICAI etc.

- Additional supplementary /enrichment certificate courses introduced by most of the departments

- Several interdisciplinary courses introduced by various departments

- Teaching, Learning & Evaluation procedures are good : Lesson delivery plans (LDP) along with suggested text books for courses are provided . Academic Calendar is announced in advance. Faculty members have been asked to encourage group discussions, as well as, participatory learning by way of discussions and questioning

- ICT enabled in Teaching / Different Teaching Delivery Methods, use of E-learning Resources, Digital Learning incorporated in the learning process.

- Promotion of Research is top priority& there are clear policy guidelines for research. Incentives for Research/Publications, pprovision of R&D investments to create a research infrastructure, fellowships and start-up grants for faculty, eestablishment of new Centers of Excellence or Research Institutes.

- Encouraging entrepreneurship and innovation is one of the strengths of our Institute.

- Innovation and Entrepreneurship & innovative Extension Activities are a part of our work culture.

- Several Memorandums of Understanding have been signed with Foreign Universities and student and faculty exchange, & twinning programs are the outcome of this collaboration.

- We have excellent Language Labs in all the campuses of our University.

- We have a good Internal Quality Assurance System with active Departmental & University IQAC, regular quarterly meetings for deliberations, and good documentation.

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

ACADEMIC ACTIVITIES

- Focus on building excellence in research, consultancy, patents, & publications
- Improving research output of the department – increase published works in highly rated journals by 50% and funded projects by 25%.
- Building Centres of Excellence with funding support & getting more Government funding for research
- Creating a research environment that focuses on solving societal problems
- Improving our consultancy record and solving real life industry problems
- Improving student participation in research, extension activities, placement , & creating leadership qualities in them
- Improving the evaluation process & quality of question papers
- Improve teaching pedagogy so that there is more of student participation in the learning process- projects, operation work outs, interactive learning, IT enabled learning etc.
- Introduce job oriented , skill based, professional & innovative courses for departments
- Introduce innovative Certificate Courses
- Promote Entrepreneurship by helping students with getting appropriate funding

- To become a Full-fledged Post Graduate Medical Education and Research Institute by 2025
- To become a Centre of Excellence in Teaching and Learning in Medical Education through collaboration with internationally reputed institutions
- To Provide Quality Medical care to the community of affordable costs
- To enhance community healthcare services through expansion of our extension programmes covering more number of villages
- To setup an Advanced Research Institute exclusively for Medical Research
- To improve hard skills & soft skills of our faculty members
- To improve leadership & managerial skills of senior people in the Institute
- To take our Academic Staff College to the next level by more collaboration, greater participation, & innovative programs
- To collaborate with leading Hotel Management & Catering Technology institutes across the world for better exposure to the students.

- To improve international collaboration & attract international students

Name   Dr. Malini Pande   *Name*   Dr. K. Meer Mustafa Hussain

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Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

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Annexure I

Abbreviations:

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

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