Dr. M. G. R. Educational and Research Institute

(Deemed to be University Declared u/s 3 of UGC Act 1956)
Maduravoyal, Chennai - 600 095, Tamil Nadu, India

Annual Quality Assurance Report
(AQAR)
2014-15

Internal Quality Assurance Cell
(IQAC)

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

> Dr.M.G.R Educational and Research Institute, (Deemed University u/s 3 of the UGC Act 1956)

1.2 Address Line 1

> NH/4 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:

0-9884804999

Name of the IQAC Co-ordinator:

Dr.K.Senthilkumar

Mobile:

0-9500077055

IQAC e-mail address:

iqac@drmgrdu.ac.in

1.3 **NAAC Track ID** -

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/41/98 dated 10-02-2007

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	5 years
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC:

15-02-2007

Dr.M.G.R Educational and Research Institute - AQAR 2014-15

1.8 AQAR for the year

2014-15

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 – 20-07-2008
   ii. AQAR- 20-08-2010
  iii. AQAR - 2013-14
  iv. AQAR   - 2014-15

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

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   - 2014-2015

2.1 No. of Teachers

| 08 |

2.2 No. of Administrative/Technical staff

| 14 |

2.3 No. of students

| 02 |

2.4 No. of Management representatives

| 1 |

2.5 No. of Alumni

| 02 |

2. 6 No. of any other stakeholder and

   Community representatives

| 2 |

2.7 No. of Employers/ Industrialists

| 02 |

2.8 No. of other External Experts

| 02 |

2.9 Total No. of members

| 37 |

2.10 No. of IQAC meetings held

| 04 |

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

    Non-Teaching Staff Students | 04 | Alumni | 02 | 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. | 02 | International | | National | | State | | Institution Level | 02

(ii) Themes

> **Improving Effectiveness of Corrective Action for Various Processes of Education Service**

> **'Innovative Project Interactive Discussion'**

2.14 Significant Activities and contributions made by IQAC

- Curriculum designed on individual needs
- Innovations in teaching and learning process
- Avoiding large scale indiscipline and strikes of students with quick reddresal of their grievances
- Advance Computing Science International Journal of Computational Intelligence (ACSIJCI) to bridge the research community and technology developers.
- Library reading hours increased to cultivate the habit of reading
- A student has an option of auditing some courses and by this process he can be certified by the recognized authority.

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
To encourage the students to approach a topic at higher level of thinking.	Introduced Bloom level Taxonomy
To raise the curiosity of student in a particular topic - encourage the student the obvious and to increase the interaction in the class.	Learner centred activity established

To make the student to select the courses of their choice and help them to go beyond disciplinary studies.	CBCS system introduced
To create conducive atmosphere in communication between parents, faculty and students	Jack prodigy system introduced

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: - **The Points approved in the academic council have been implemented**

Guidelines for the Creation of the

Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR) in Accredited Institutions

(Revised in October 2013)

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1		1	
PG	25		25	
UG	12		12	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	38		38	

Interdisciplinary				
Innovative				

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

Pattern	Number of programmes
Semester	35
Trimester	
Annual	03

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.

> **Salient aspects:**
>
> **B.Tech:**
>
> Environmental engineering subject has been removed from VII semester as the subject has been included in I year curriculum for 2013 batch
>
> Industrial training examination shifted to VII semester enabling the students to undergo training at the end of VI semester (summer vacation period)
>
> Engineering Graphics syllabus modified with CAD inputs and BIS standards.
>
> Mini project is introduced in VII semester
>
> Disaster management and visual programming are included under elective.
>
> **M.Tech:**
>
> For all M.Tech programmes number of electives increased uniformly to 4 .
>
> Presentation of technical paper in National/international conference is made mandatory for all PG students.

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

> 1. Java Academic Alliance centre
>
> 2. FOSS Centre - Super RC status
>
> 3. BEC – English Course
>
> 4. Centre of Excellence

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
832	**437**	**110**	**170**	**115**

2.2 No. of permanent faculty with Ph.D. 132

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
35		8	1	10	2	12		66	03

2.4 No. of Guest and Visiting faculty and Temporary faculty   12 Emeritus   17   03 Adjunct

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	66	153	16
Presented papers	53		
Resource Persons	13	20	

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

Orientation programs are conducted for all freshers, staff and students, for which the evaluation procedures and regulations are available on the University website, www.drmgrdu.ac.in

The Controller of Examination Office is functioning with a full time Controller of Examinations, 3 Joint Controllers of Examinations and 20 supporting staff. The duties and responsibilities are well defined and the work flow is smooth and streamlined.

This Office has the facilities for central valuation, Store room, Computers, Database Server and Printing/Photocopying facilities within it. Relative grading is introduced to remove the variations in valuations. Exam time table, seating arrangement are computerized.

Learning evaluation is done with two continuous assessment tests, model exam following by term end semester exams. The questions are framed as per Blooms Taxonomy

levels and are mapped with the course outcomes. The evaluation process is transparent where answer scripts of CAT and model exam and assignment are returned back to the students paving way for improvement.

The University has put several mechanisms in place to ensure that the examination system is foolproof. A Manual has been prepared for this purpose which defines the roles and responsibilities of all the stakeholders, protocols and procedures to be followed, and steps to be taken at all levels in the conduct of the examinations.

All the Forms / Performa being used in the examination process has been drawn out meticulously in standardized formats.

Measures to curb malpractices have also been listed together with the penalty and punishment. Answer sheets with Bar code and OMR based cover page has helped in transferring data to computers besides eliminating manual data entry operation. Random Dummy Numbers are generated for the answer scripts before being sent for valuation, to ensure absolute confidentiality.

The University Examinations, both for UG and PG courses, have equal Internal and External components. Central Valuation system is carried out for completing the valuation work quickly and publishing the results early.

For UG courses the valuation of answer scripts is done only by the External Experienced Examiners dealing with the concerned subjects.

For PG courses the University follows double valuation that too by External Examiners only.

Staff members prepare the question papers using the suitable verbs available in Blooms taxonomy level chart for Internal Continuous Assessment Tests.

Usually results are published within two weeks after the end of the final examinations and made available on the website, and also on the University notice boards.

The University ensures transparency in both internal and final evaluation. Internal assessment is done based on the Continuous Assessment Test and model exams, in which the answer scripts are returned to the students for verification. Evaluation is done by external and internal examiners who are chosen at random. The students are allowed to apply for re-totaling, revaluation and access to Xerox copies of their answer scripts.

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

180

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

   ➢   BARCODING,
   ➢   Double Valuation,
   ➢   2 CAT , one model Exam,
   ➢   Question setting using Blooms level,
   ➢   open book test,
   ➢   online MCQ,

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

Curriculum Restructuring	Revision	Members of Board of Study
131	80	209(Internal and External)

2.10 Average percentage of attendance of students

75%

2.11 Course/Programme wise distribution of pass percentage:

Faculty E&T	Title of the Programme		Total no. of students appeared	Total no. of students passed	Division				
					Distinction %	I %	II %	III %	Pass %
CSE	UG		155	115	18.26	81.73	-	-	74.19
	PG	CSE	15	14	64.28	35.71	-	-	93.33
		CSN	3	3	100	-	-	-	100
		ISCF	5	5	100	-	-	-	100
IT	UG		45	30	16.66	80	3.33	-	66.66
E & I	UG		29	16	18.75	75	6.25	-	55.17
	PG	ICE	3	3	66.66	33.33	-	-	100
ECE	UG		170	123	123	80.48	-	-	72.35
	PG	AE	4	4	75	25	-	-	100
		COM.SYS	10	10	80	20	-	-	100
		VLSI	9	9	66.66	33.33	-	-	100
EEE	UG		185	142	11.97	88.02	-	-	76.75
	PG	POWER SYS	7	7	42.85	57.14	-	-	100
MECH	UG		603	434	13.36	86.40	0.23	-	71.97
	PG	DE	5	4	50	50	-	-	80
		EE	4	4	-	100	-	-	100
		IE	6	6	83.33	16.66	-	-	100
CIVIL	UG		232	151	13.24	86.75	-	-	65.08
	PG	CONST. ENGG &MGT	6	6	33.33	66.66	-	-	100
		ENV	6	6	83.33	16.66	-	-	100
		STRUC. ENGG	6	5	80	20	-	-	83.33
BT	UG		31	25	28	72	-	-	80.64
	PG	MBT	10	10	80	20	-	-	100
CHEM	UG		10	3	-	100	-	-	30
HMCT	UG		33	20	15	85	-	-	60.60
	DIPLOMA		18	5	-	100	-	-	27.77
DENTAL	UG		70	69	-	-	-	-	98.57
	PG		14	14	-	-	-	-	100
PHYSIO-THERAPY	UG		2	2	-	-	-	-	100
	PG		4	4	-	-	-	-	100
MBBS	UG		148	82	-	-	-	-	55.40
NURSING	UG		22	22	-	-	-	-	100
MBA	PG		128	101	18.81	81.18	-	-	78.90
MCA	PG		36	36	13.88	86.11	-	-	100
ARCH	PG		33	24	33.33	66.66	-	-	72.72

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

a) 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.

b) By getting feedback from students, parents and other stakeholders on quality-related issues.

d) Assessing the quality parameters of higher education by alumni survey and academic experts.

e) Helps in organizing workshops, seminars on quality related themes and promotion of latest technology learning.

f) Keeping a record of the different programmes leading to quality improvement.

j) Helps in preparing the Annual Quality Assurance Report (AQAR) of the department.

K) IQAC ensures efficient and progressive performance of academic, administrative and financial tasks. It also ensures adequacy, maintenance and proper allocation of support structure.

IQAC helps in maintaining a good quality in teaching and learning process. If there is inadequacy in teaching and learning process, IQAC monitors the same and helps in maintaining the quality and improving the same

Monitoring through regular interaction with professional bodies, staff and students and collection of feedback aids in improvement

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	16
UGC – Faculty Improvement Programme	57
HRD programmes	18
Orientation programmes	92
Faculty exchange programme	04
Staff training conducted by the university	49
Staff training conducted by other institutions	34
Summer / Winter schools, Workshops, etc.	65
Others	40

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	96	-	02	02
Technical Staff	544	-	02	12

Criterion – III

3. Research, Consultancy and Extension

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

The IQAC seeks to improve the quality of research conducted by university and supports the education of Engineers and scientists in various disciplines. Also IQAC supports the involvement of university post and undergraduate students in research activities.

IQAC ensures the sharing of research findings and its helps to network with the other institution in India and abroad.

Advanced Research Institute has been set up in the university. It conducts regular meeting to motivate the faculties in research.

3.**2**   **Details regarding major projects**

	Completed	Ongoing	Sanctioned	Submitted
Number	01	03	02	14
Outlay in Rs. Lakhs	24,00,000	94,44,800	27,37,800	30264000

3.**3**   **Details regarding minor projects**

	Completed	Ongoing	Sanctioned	Submitted
Number	18	02	01	18
Outlay in Rs. Lakhs	2725000	4,58,800	450000	2440000

3.4   **Details on research publications**

	International	National	Others
Peer Review Journals	1235	75	200
Non-Peer Review Journals	910	125	
e-Journals	1235	75	
Conference proceedings	1120	250	25

3.5 Details on Impact factor of publications:

Range | 0-9 | Average | 2.07 | h-index | 15 | Nos. in SCOPUS | 343 |

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	1-3 yr	VPM Associates, Sultanate of Oman, CSIR,DBT	7100000	21,14000
Minor Projects	12 M	MSME, Mill Tech, Sarantah, Studio D3	22,10,000	1,50,000
Interdisciplinary Projects	12 M	VPM Associates, NIEPMD GOVT India		
Industry sponsored	6 M		20000	5000
Projects sponsored by the University/ College	6M	Dr. MGR , MSME EDI workshop	83000	
Students research projects *(other than compulsory by the University)*	06M	Mahendra, VPM Associates	1,10,000	90000
Any other(Specify)	-	CSI, ICTACT	5000	
Total	1-3 yr		9528000	2359000

3.7 No. of books published i) With ISBN No. | 10 | Chapters in Edited Books | - |

ii) Without ISBN No. | 12 |

3.8 No. of University Departments receiving funds from

UGC-SAP | | CAS | | DST-FIST | 01 |

DPE | | DRDO | 01 | DBT Scheme/funds | 01 |

ICMR&CSIR | 03 |

Others | 05 |

3.9 For colleges   Autonomy | | CPE | | DBT Star Scheme | |

INSPIRE | | CE | | Any Other (specify) | |

3.10 Revenue generated through consultancy

44, 69,430

3.11 No. of conferences Organized by the Institution   .

Level	International	National	State	University	College
Number	05	26	07	04	36
Sponsoring agencies	Dr.M.G.R	NCICT15-CSI, **ICI, FSO, POTHYS, SAI INTERIORS, ROYAL SPLENDORS, PPTT SELF NIEPMD, GOVT OF INDIA**		Dr. MGR	

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

304

3.13 No. of collaborations   International 10   National 49   Any other 09

3.14 No. of linkages created during this year   16

3.15 Total budget for research for current year in lakhs :

From funding agency   27.38   From Management of University/College   420.00

Total   527.38

3.16 No. of patents received this   year

Type of Patent		Number
National	Applied	76
	Granted	03
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
75	06	19	07	44		01

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

56

296

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

10

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

JRF 09   SRF 03   Project Fellows 100   Any other 03

Research Scientist: - 02

Project Manager: - 01

3.21 No. of students Participated in NSS events:

University level 857   State level 262

National level 20   International level 12

3.22 No. of students participated in NCC events:

University level 700   State level 50

National level [ ]   International level 200

3.23 No. Of Awards won in NSS:

University level 37   State level [ ]

National level 01   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 05   College forum [ ]

NCC [ ]   NSS 35   Any other 03

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

- *Swatch Bharath*

- *Helmet awareness Programme*

- *Clean Chennai*

- *Women's Day celebration*

- *Teachers day celebration*

- *Thirukkural Week*

- *Plastic Awareness Programme-PAC-2015*

- *Road Safety Management*

Plantation

Our University's ACS Medical College and Hospital is also known for the greenery and the pleasant environment. Students and staff relish the feel of being at a good environment. This is due to the management's planning and proper execution of the planting and maintaining the greeneries around. Various trees are planted and maintained to keep the campus green. To keep the greeneries in the campus, we regularly maintain the gardens which are looked after by the staff under the guidance of a member. No tree is cut unless it becomes dead. Moreover, every year we try to plant new trees. Seasonal flower garden is also a unique feature of this University. Our University has also planned to plant medicinal herbs.

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	2,69,050sq.mt	-	Management	2,69,050sq.mt
Class rooms	164	28	Management	17,682Sqmt
Laboratories	117	06	Management	22,322 Sq.Mt
Seminar Halls	07	01	Management	8,669 Sq.Mt
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	Rs 38,75,000	-	Management	Rs 38,75,000
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs 250000	Rs 50000	Management	Rs 30,00,000
Others(Canteen-Mess-Gym-Student Common Room-Library-Hostel Etc)	52,450Sq Mt		Management	52,450Sq Mt

4.2 Computerization of administration and library

Department Library & offices are computerized

 Digital data base and E journal are available with updated books

Daily attendance of students

Test marks of students

Issue of library books

The Resource centre, Library and Office are well equipped with Computers with Internet Facility for Research Candidates, Students and Faculties respectively.

Total Number Computer in the University-2431

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	36309	7249735	3222	878901	39531	8128636
Reference Books	12438	7462800	380	22800	12818	7690800
e-Books	10526564					
Journals	121	928863			121	928863
e-Journals			07	1250000	07	1250000
Digital Database			07	1250000	07	1250000
CD & Video	700				700	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart ments	Others
Existing	1992	1750	46 Mbps	03	15	588		
Added	349	-	100 Mbps	01	01	-		
Total	2341	1750	02	04	16	588		

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

Google apps, NIC E-GOVERNANCE, BigData Workshop

Hands on Training- LabVIEW/MEMS/Pspice/Modern Tool usage

All the staff members have been trained to utilize the advancements in Google apps, Jack Prodigy

IDS Software is widely used in hotels and resorts including luxury, medium and small ones. It will assist front office and back office operations. The software assists users to access information in a quick and efficient manner. We have installed the software in our department of Hotel Management and Catering Technology to help students become job-ready.

Computer/ Internet access is available at campus

Training for students and staff was organized (SPSS & MATLAB)

4.6 Amount spent on maintenance in lakhs :

   i) ICT
| 238.18 |

   ii) Campus Infrastructure and facilities
| 825.63 |

   iii) Equipments
| 74.66 |

   iv) Others
| 113.71 |

Total:
| 1252.18 |

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC provides a student centred environment for quality education and helps student to adopt the required knowledge and technology for learning process.

IQAC provides helps to conduct technology improvement and Placement guidance

IQAC arranges the feedback response from the students which ensures internalization of the quality culture.

5.2 Efforts made by the institution for tracking the progression

- Mentors for all the students are assigned.

- Performance of students was reported to parents periodically through post.

- Feedback from the students and parent obtained

- Improvement done through placement activities

- Regular monitoring by respective coordinators

- Different committees are been formed for the monitoring the progress

- The University is committed to a system of monitoring student attendance and progress both as its responsibility and publicise its attendance requirements to students on a subject, or Institute basis and emphasize the importance of meeting attendance and submission of assessed work.

- Periodical, continuous assessment tests with equal weight-age to theory and practical's

- Regular meetings/monitoring to improve the performance of weak students

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1131	192	83	-

(b) No. of students outside the state

428

(c) No. of international students

24

Men

No	%
681	60.2

Women

No	%
450	39.8

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
508	167	41	1158	03	1874	287	151	30	937	01	1406

Demand ratio   Dropout % -0.9

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

- GATE coaching classes arranged.

- Soft skill programs classes arranged.

- GRE, TOFEL, IELTS.

- Employability and higher studies Seminars are arranged

No. of students beneficiaries | 767 |

5.5 No. of students qualified in these examinations

| NET | - | SET/SLET | - | GATE | 39 | CAT | 11 |
| IAS/IPS etc | -- | State PSC | - | UPSC | - | Others | 14 |

5.6 Details of student counselling and career guidance

- Each Mentor counsels 25 students along their course of study.

- Class Teachers – parent Interaction on a regular basis.

- Year-In charge conducts class committee meeting.

- Placement cells coordinate career guidance.

- Complete Proctor data maintenance.

- Regular Industry Interaction Programmes and Seminars

- Industrial Visit – one per Semester

No. of students benefitted | 1338 |

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
76	686	646	06

5.8 Details of gender sensitization programmes

- Engineering has no gender bias in today scenario. However regular counselling to girls by women faculties done

- Workshop conducted for female students about medical awareness

- International women's day is celebrated every year.

- Gender symbol formation programme was conducted.

- Women grievance cell

- Nursing is a female gender dominated profession, among the total strength 15% are males. The male students are addressed regarding the various job opportunities available**.**

- Academic Staff College arranges various programs especially for women faculties.

- The International Women's Day is celebrated with great fanfare where women achievers are honored. There is a Women Empowerment Center in the University which provides skill based training to women

5.9 Students Activities

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

State/ University level | 135 | National level | 59 | International level | 04 |

No. of students participated in cultural events

State/ University level | 140 | National level | 10 | International level | 11 |

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

Sports: State/ University level | 47 | National level | 01 | International level | |

Cultural: State/ University level | 26 | National level | 01 | International level | |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	172	Rs 30075440
Financial support from government	250	RS. 5558911
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11   Student organised / initiatives

Fairs   : State/ University level | 03 | National level | | International level | |

Exhibition: State/ University level | 02 | National level | | International level | |

5.12   No. of social initiatives undertaken by the students | 10 |

5.13 Major grievances of students (if any) redressed:

❖   There are a number of redressal mechanisms and bodies which specifically look at complaints,

❖   Students' issues – Class in charges /Head of the Department

❖   Ragging –Chief Administrative Officer /Head of the Department

❖   Administrative issues –Vice Chancellor and Registrar

❖   Examination issues –Controller of Examination.

❖   Transport issues –Transport in charge

❖   Faculties – Heads, Deans, Dean E&T, Registrars, and Joint Registrar

❖   Committees related to functional areas

Valuing and asking for feedback has recognized benefits for staff, students and management. Keeping this in mind, the Department collects feedback from the students through various sources. Through Class Committees students offer feedback/suggestions about academics, infrastructure and any issues related to syllabus, internal assessments, basic facilities, teaching methods etc. Individual feedback on faculty is also collected from the students to improve the teaching –learning process. This feedback is communicated to faculty members by the Head of Department and counseling done accordingly. Through Mentor- Mentee process also faculty collect feedback from the students.

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

Jack Prodigy 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.

Goal

The Main objective of Jack Prodigy System is to provide an easy way to automate all functionalities of University, thus reducing human error and paper work. The technology, solutions and features are aimed at providing unlimited "scalability". JPS provides various types of Education Management related service, operations and high level of efficiency in recording and information dissemination.

The Context

✓ Effective communication between Faculty, Parents and Students

✓ Complete automation of operations

✓ Centrally stored information with zero redundancy

✓ Best possible resource optimization

✓ Enhanced interaction with teachers, parents and students

✓ Access to attendance, timetable, marks, grades and examination schedule

✓ Freedom to browse through library books catalogue and to find the circulation status of the book(s).

✓ Prior information about University events and holidays. The effectiveness of JPS is measured based on the overall benefits to the Management, Staff, Faculty, Parents and Students

The Practice

JPS in our University is loaded with features like admission module, curriculum staff details salary management, fees management, online notices, online attendance, online examinations, online time-table, report card generation, Library Management, etc. All these features together create a blended learning environment, easy data access and effective communication for students and teachers alike. The following information is available in the University website, www.jackprodigy.com .

Complete information regarding admissions; details of courses offered, Curriculum and Syllabi of every course; Detailed period wise attendance of all students; Detailed internal assessment marks of all students; Individual Timetable and Results of End Semester Examinations; Details of placements and organizations recruiting our students; Information on Campus Life; Information on International Association of Exchange of Students for Technical Education and Collaborations; In our Mail for all students and staff; Information regarding Career opportunities available in our University ; Photo Gallery and Digital Campus Tour.

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

    6.3.1 Curriculum Development

Academics - Choice Based Credit System (CBCS-Electives)

       The University has a Curriculum Design and Development Cell at specific faculty levels. Since 2003, **Choice Based Credit System for Electives** was offered right from the inception of the University in 2003. The Board of Studies (BoS) meeting of every Faculty/Department is convened with minimum two external experts as members, one each from industry and premier academic institutes. The curriculum is designed to achieve course outcomes, content evaluation and delivery in line with PO.s and PEO.s.

       The present system of curriculum of fixed credit system of learning offers flexibility to students in choosing the elective courses. As part of providing quality education, Dr.M.G.R. Educational and Research Institute are taking the next step in this direction by introducing the Choice Based Credit System (CBCS) into its academic curriculum from June 2017. Different areas of specialization are offered and their curriculums were designed, and also provide opportunity to gain knowledge and improving employability skills.

Curricular Update

- Board of Studies meetings
- Faculty meetings
- Alumni feedback
- Industry expert feedback during their visits to department and during visits of faculty to companies
- Academic expert feedback
- Student feedback
- Learning, Linkage, Research, and Responsibility
- Soft skills training throughout the course with clearly defined takeaways and objectively identifiable criteria
- Continuous industry interaction through IVs, Guest Lectures, Seminars, and Placement interactions. Using all these industry interactions for syllabus up-gradation, curriculum feedback, and placements. Documenting these interactions on as and when required
- MoUs with reputed professional associations and industry for growth of the University
- Organizational structure of the Department ensures effective delegation and empowerment of the team members, Coordinators for each role, Decisions taken based on continuous team meetings and consensus building. Organizational chart displayed in the department.

- Process of continuous feedback from the students through interactions with the students by the HOD on a regular basis. Interaction through class committee meetings also
- Organizing several innovative events for the department.
- Value added Certificate courses by MSME
- Student Clubs based on specialization
- Focus on Entrepreneurship - ED programs, Business Plan competition, business run and funded by students.
- Innovative Outreach programs
- The students participated in many outreach programs in various capacities such has organizers, volunteers and Participant.

6.3.2 Teaching and Learning

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. The University strategizes to achieve excellence in teaching and learning by adopting the best practices such as convergent and divergent techniques being followed by the University to suit local needs. It continuously updates its curricula and reinvents pedagogic methods to suit the need of the students. We have Student feedback, Alumni interaction, Industry interaction and feedback on syllabi during guest lectures, IVs, project internships, Seminars, Conferences etc., Class Committee Meetings, Board of Studies and Academic Council to deliberate on matters related to academics. All this feedback and meetings are well documented. New pedagogical styles as well as use of new technologies (ICT-enabled) are constantly evaluated for adoption. Courses and classes are always being evaluated based on internal audit mechanisms, including student feedback on the quality of the associated process. Perspective plans always include solutions for the gaps identified through such audits

6.3.3 Examination and Evaluation :-

The Controller of Examination's Office is functioning with a full time Controller of Examinations, 3 Joint Controllers of Examinations and 20 supporting staff. The duties and Responsibilities are well defined and the work flow is smooth and streamlined.

This Office has the facilities for central valuation, Store room, Computers, Database Server and Printing/Photocopying facilities within it. Relative grading is introduced to remove the variations in valuations. Exam time table, seating arrangement are computerized.

Learning evaluation is done with two continuous assessment tests, model exam following by term end semester exams. The questions are framed as per Blooms Taxonomy levels and are mapped with the course outcomes. The evaluation process is transparent where answer scripts of CAT and model exam and assignment are returned back to the students paving way for improvement.

The University has put several mechanisms in place to ensure that the examination system is foolproof. A Manual has been prepared for this purpose which defines the roles and responsibilities of all the stakeholders, protocols and procedures to be followed, and steps to be taken at all levels in the conduct of the examinations.

All the Forms / Proforma being used in the examination process has been drawn out meticulously in standardized formats.

Measures to curb malpractices have also been listed together with the penalty and punishment. Answer sheets with Bar code and OMR based cover page has helped in transferring data to computers besides eliminating manual data entry operation. Random Dummy Numbers are generated for the answer scripts before being sent for valuation, to ensure absolute confidentiality. The University Examinations, both for UG and PG courses, have equal Internal and External components. Central Valuation system is carried out for completing the valuation work quickly and publishing the results early. For UG courses the valuation of answer scripts is done only by the External Experienced Examiners dealing with the concerned subjects.

For PG courses the University follows double valuation that too by External Examiners only.

Staff members prepare the question papers using the suitable verbs available in Blooms taxonomy level chart for Internal Continuous Assessment Tests.

Usually results are published within two weeks after the end of the final examinations and made available on the website, and also on the University notice boards.

The University ensures transparency in both internal and final evaluation. Internal assessment is done based on the Continuous Assessment Test and model exams, in which the answer scripts are returned to the students for verification. Evaluation is done by external and internal examiners who are chosen at random. The students are allowed to apply for re-totaling, revaluation and access to Xerox copies of their answer scripts.

6.3.4 Research and Development

The University has constituted a Research Committee and such committees in all departments. The institution facilitates its faculty to undertake research by providing research funds. All the departments have laboratory equipment, research journals and research incentives made available to the faculty. The University promotes a research culture by providing teaching work load remission and opportunities for attending conferences The University has drafted a policy, procedure, and practice in key areas for research performance monitoring. Ten workshops and five conferences are conducted every year. Workshops on research methodology sensitization programs have been conducted by the institution to promote a research culture on campus. The University has introduced research fellowships and Senior Scientist positions for doing Research. The Faculty is granted leave to pursue Research in other advanced centers also. The University has also received support from industry for some drug discovery research

The faculty members are encouraged to publish Research papers in SCOPUS rated Journals by giving financial assistance. Faculty members are granted concession in Research Fees when they register for Ph.D. Degree, given incentives to participate and present papers in seminars and conferences. Interdisciplinary Research involving, Biotechnology, Pharmaceutical Chemistry, Biochemistry and Veterinary Science. Mathematics and Computer Science have been carried out. The University checks plagiarism in Thesis and Three Thesis have been rejected for plagiarism.

The faculty has established a research committee, ethics committee to cater to the needs of ethics in research. The University carries out multi disciplinary and interdisciplinary projects among various departments and universities.

Resource Mobilization for Research

A detail of the research projects completed and grants received in last four years funded projects completed are 5 and amount received Rs.71, 93,373.00. Fund received by conducting workshops and conferences are Rs.7, 21,500.00.

Research facilities

Departments have taken initiative to establish Centre of Excellence in the upcoming domains. Very recently a budget for Rs.3 crores has been granted to augment the infrastructure. Faculties are encouraged to participate in workshops, seminars and conferences to update their knowledge. Experts from industries are invited to conduct Faculty Improvement Programs through Academic Staff College. Various MOU.s have been signed with leading industries. All the stake holders are connected through the Cloud-based University Information Management System. This facility is for research activities. A separate digital library is available where International journals such as IEEE, IET, Elsevier, ASME, ASCE, and Science Direct are available. E-books from McGraw Hill have been subscribed. NPTEL on line course material is also available. Residential facilities are available with internet facility for Research Scholars. Specialized Research Centre, C-DAC, GARUDA, Grid, Super

Computing Connectivity is available in our University – *High Performance Computing Facility***:** HPC is a key component in many applications: designing vehicles and airplanes; designing high-rise buildings and bridges; discovery of drugs; discovery and extraction of new energy sources like oil and natural gas; weather forecasting; and many more.

The University has established an *Advanced Research Institute (ARI)* with a focus on Defence Research. This Centre receives funding from DRDO. At present the Centre has 4 Scientists and 6 Research Fellows. The University -*Creating enabling mechanism for research*-has hired a Patent Agent for help in the patent application process. *Provision of R&D investments to create a research infrastructure,* fellowships and start-up grants for faculty are being provided. The University has initiated fellowships for full-time Ph.D. students from 2014.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The highlights of the University are highly qualified and experienced faculty in all the disciplines, well equipped Laboratories with Centres of Excellence for doing research, 201 state of the art Laboratories, collaboration with Confederation of Indian Industries, More than 100 and odd Experienced Professors with Doctorate qualifications, 100 Mbps Internet connection with Wi-Fi facilities, Fiber Optics Intra-net facilities, individual Central Libraries at all campuses, Digital Library, 700 Bedded Multi-specialty own Hospital, Laser & Sedation Dentistry and Cosmetic Smile Designing, University Research Centre ARI-Advanced Research Institute, Founder . Chancellor's and President's Scholarships, Entrepreneurship Development Cell, Academic Affiliate of IET. U.K., Active Students. Chapters of Professional societies like CSI, IEEE, IETE, ISA, IET, ISOI, SAE and SPE , National Entrepreneurship Network Chapter, Active Cambridge recognized Literary Seminary(Esol), Active Placement and Training Cell, Separate hostels for Gents and Ladies with all modern facilities with attached Toilets, National Experts and leading Psychiatrists giving regular Group Counseling , Student Exchange Programs with foreign Universities, Medical Card for Students and Faculty Members and an A.C.S. Convention Center; one of the largest in Tamil Nadu which can accommodate more than 9000, Collaboration with Microsoft IT Academy, Microsoft Advantage Platinum Partner, Oracle Workforce Development, and MOU with IBM Software Center of Excellence, National Instruments Lab View, etc., providing the students to acquire additional Certificates in specialized subjects during their course of study, Banking facility with ATM, Indoor and Outdoor Games Facilities, Gymnasium and Fitness center facilities, Hi-tech A/c and Non A/c Buses and many other facilities are there in University to fulfill the needs of the stakeholders.

A built-up area of 2, 69,050 sq.mts. The ACS Convention Centre in our University campus is one of the largest Convention Centre available in Chennai city/Tamil Nadu. The Convention Centre at ACS Medical College and Hospital can accommodate more than 9000. Important functions like Convocation, Annual Days, Inter Collegiate cultural programs and other major events are conducted in this spacious indoor auditorium. Besides, well designed A/C Seminar and Conference Halls are also available in each of the constituent colleges of the University

The University has Sports facilities with a playground area of 18,471 sq. mts. and a gymnasium with 980 sq.mts. It has 5 Gents hostel blocks with an area of 30932sq.mts. with 1404 inmates and with all facilities. It has also 5 Ladies hostel blocks spreading over 18807sq.mts. with 587 inmates with all facilities. It has also 4 Staff Quarters occupied by 180 inmates with all facilities. The University has 4 Nos. of cafeteria with an area of 1897 sq.mts. It also has health centre facilities and banking, transports facilities, etc. for students and staff. It also has an animal house, a power house, and waste management.

Departments have taken initiative to establish Centre of Excellence in the upcoming domains. Very recently a budget for Rs.3 crores has been granted to augment the infrastructure. Faculties are encouraged to participate in workshops, seminars and conferences to update their knowledge. Experts from industries are invited to conduct Faculty Improvement Programs through Academic Staff College. Various MOU.s have been signed with leading industries. All the stake holders are connected through the Cloud-based University Information Management System. This facility is for research activities. A separate digital library is available where International journals such as IEEE, IET, Elsevier, ASME, ASCE, and Science Direct are available. E-books from McGraw Hill have been subscribed. NPTEL on line course material is also available. Residential facilities are available with internet facility for Research Scholars. Specialized Research Centre, C-DAC, GARUDA, Grid, Super Computing Connectivity is available in our University – *High Performance Computing Facility*: HPC is a key component in many applications: designing vehicles and airplanes; designing high-rise buildings and bridges; discovery of drugs; discovery and extraction of new energy sources like oil and natural gas; weather forecasting; and many more.

The University has established an *Advanced Research Institute (ARI)* with a focus on Defence Research. This Centre receives funding from DRDO. At present the Centre has 4 Scientists and 6 Research Fellows. The University -*Creating enabling mechanism for research*-has hired a Patent Agent for help in the patent application process. *Provision of R&D investments to create a research infrastructure,* fellowships and start-up grants for faculty are being provided. The University has initiated fellowships for full-time Ph.D. students from 2014.

6.3.6 Human Resource Management

- Rewards/ Merit follows a process of fair selection at teaching and non-teaching levels
- Regular induction programs for new teaching and non-teaching staff
- Mentoring by senior faculty
- Conduct regular orientation programs,
- Refresher courses, staff development programs, and short term capacity building Workshops

6.3.7 Faculty and Staff recruitment

Faculty and staff recruitment are Centralized

Only competent members selected with qualified degree

Experienced members are given priority while recruiting

The candidates are selected for appointment based on their merit and passion for this teaching profession.

Based on the rules and regulations and directions given by the Government and UGC, the recruitment of the faculty and non-teaching staff is followed strictly

6.3.8 Industry Interaction / Collaboration

Industry interaction
- Establishment of Industry-Institute Partnership: Centers of Excellence
- Organizing Workshops, Conferences and Symposia with joint participation of the faculty and the industries.
- Encouraging engineers and management experts from industry to visit our Institution to deliver lectures.
- Participation of experts from industry in curriculum development.
- Arranging visits of staff members to various industry
- Professional consultancy by the faculty to industries.
- Industrial testing by faculty & technicians at site or in laboratory.
- Joint research programs and field studies by faculty and people from industries.
- Visits of faculty to industry for study and discussions or delivering lectures on subjects of mutual interest.
- Visits of industry executives and practicing engineers to the Institute for seeing research work in laboratories, discussions and delivering lectures on industrial practices, trends and

experiences. Memoranda of Understanding between the Institute and industries to bring the two sides emotionally and strategically closer.

- Human resource development programs by the faculty for practising engineers and management
- Collaborative degree programs. B.Tech. MBA/MCA and M.Tech. Projects / dissertation work in industries under joint guidance of the faculty and experts from industry.
- Short-term assignment to faculty members in industries.
- Visiting faculty/Professors from industries.
- Scholarships/fellowships instituted by industries at the Institute for students.
- Practical training of students in industries.

Internationalization

The University has an office of International relations which facilitates MoUs and Agreements with universities abroad. There are a number of active MoUs in which the University is currently engaged. There is also a *Center for International Collaboration* office which actively facilitates admission of foreign students to Dr MGR Educational and Research Institute. Students from many countries study with us and create an interesting diversity.

6.3.9 Admission of Students

Admission Process

Admission to all UG / PG / MS / Ph.D is processed in the University following the norms of UGC and concerned statutory bodies.

All India Common Entrance Examination is conducted for all the courses every year (i.e.) MGR Engineering Entrance Examination (MGREEE) throughout India in major cities like Chennai, Mumbai, New Delhi, Tirupathi, Guwahati, Patna, Lucknow, Bangalore, Kolkatta and Bhopal depending upon the registration of the candidates. Even at the time of advertisement, it is clearly indicated that the selection of students is done on merit basis only.

Date of Issue and Receipt of Application forms and Centers for Entrance Examination are being advertised in leading newspapers throughout India. This practice has been followed from the inception of the University till date.

For admission to UG courses, candidates are selected through merit, entrance test and interview. For admission to PG performance in written test and interview are considered for selection

The University Management reviews the admission process annually for modifying eligibility criteria as per the State and Central government norms and analyses the students profile by organizing meetings with Heads of the Departments. Further, scrutiny of the profile of students

is done centrally by the Admission section in the central administrative office. A separate committee is constituted to get ideas from the Board Members, Faculty members, Parents, Alumni, Stake Holders and also with the current students on a regular basis of once in a year or whenever necessary and discusses the current selection procedures. It also gives suggestions/recommendations to be adopted to improve the Admission

6.4 Welfare schemes for

Teaching	Health Insurance
Non teaching	PF, Health Insurance
Students	Health Insurance

6.5 Total corpus fund generated

10 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	Yes	Dept Wise Audit
Administrative	Yes	ISO	Yes	Management Audit

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?

The Controller of Examination Office is functioning with a full time Controller of Examinations, 3 Joint Controllers of Examinations and 20 supporting staff. The duties and responsibilities are well defined and the work flow is smooth and streamlined.

This Office has the facilities for central valuation, Store room, Computers, Database Server and Printing/Photocopying facilities within it. Relative grading is introduced to remove the variations in valuations. Exam time table, seating arrangement are computerized.

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Dummy Numbers are generated for the answer scripts before being sent for valuation, to ensure absolute confidentiality.

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Usually results are published within two weeks after the end of the final examinations and made available on the website, and also on the University notice boards.

The University ensures transparency in both internal and final evaluation. Internal assessment is done based on the Continuous Assessment Test and model exams, in which the answer scripts are returned to the students for verification. Evaluation is done by external and internal

examiners who are chosen at random. The students are allowed to apply for re-totaling, revaluation and access to Xerox copies of their answer scripts.

Receipt of Question Papers:

With a view to ensure confidentiality of the questions, the question paper setting is done by different examiners working in the Colleges and Universities outside Chennai area.

Confidential Room

The processing of question papers is carried out in the confidential room under the direct vigil and supervision of the Controller of Examinations.

Dispatch of Question Papers:

The question papers required for the examinations are supplied to the Chief Superintendent separately for each session of the examination, 30 minutes before the commencement of the examinations.

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

- University encourages autonomous functioning of the department. The Departments have autonomy, within the rules and regulations of the University, in the following roles:
- Teaching Learning Process
- Organizing Guest Lectures
- Deciding on the conduct of short term/augmentation courses for students, like, CCNA,
- DB2, DOTNET, Microsoft Programs, Lab view programs and any other Industry centric training programs etc.
- Deciding on the purchase and procurement of new and advanced equipment
- Decide on Seminars, Workshops and Conferences both National & International
- Modifying the syllabi being a member of the Board of Studies
- Members of various committees like the Board of Management, Academic Council, Boards of Studies, etc.
- Member of Student Disciplinary Committees, Anti Ragging, Sexual Harassment Committees
- Departmental stock verification
- Assisting the Controller in the conduct of Continuous Assessment Tests and end Semester examinations

However, there are bodies where decisions of departments are analyzed as and when required for instance the Internal Quality Assessment Cell, Board of Studies, Academic Council, Class Committees, Mentor- Mentee Forum, Committees etc.

6.11 Activities and support from the Alumni Association

We have a University Strong Alumni Association and it conducts a Global Alumni Meet every year on January 26th, since 2012. Very recently we had signed an MOU with ALMA CONNECT to maintain the MGR Alumni. The committee members of Alumni Association consist of members from all the departments and the few members of the current final year students. Alumni are involved in providing feedback on the curriculum and act as a bridge between industry expectations and academic requirements. They also raise funds to help the needy ones.

Last three years the following activities are in action

      Minimum of two Alumni Lectures per Department / Semester

      Maximize the Alumni interaction with the current final year students

      Yearly Best Student Award hosted by the Alumni Association

      Involved as committee members in CDC, PDC and Professional Societies

6.12 Activities and support from the Parent – Teacher Association

In interacting with its stakeholders

The University leadership interacts with all the stakeholders, viz. the students, parents, alumni, faculty members, support staff, industry, and the community. Interaction with the students initiated from the time of admission continues up to placement and even after they leave the University and become cherished alumni. The Commencement Day and the department orientation programme initiate the interaction. The Mentor-Mentee system and the co-curricular and extracurricular activities create a sense of belonging in the student community. In addition, all faculty and Heads of Departments are easily approachable by the students. The management interacts with the parents during admission and whenever the parents seek a meeting. The University fosters a strong interaction with the Industry by including industrialists on the Boards of Studies, organizing Academy-Industry Meets, Campus Placements, Industrial Visits and undertaking Consultancy Projects. Student feedback is obtained once in a semester which helps to improve the teaching -learning process in departments.

The University has Class Committees in all departments. These Class Committees have students and staff as members and they meet thrice in a Semester for obtaining feedback and deliberating on all aspects related to academic and non-academic affairs, infrastructure, grievances, and improvement. All issues are discussed at length and the minutes of the meetings scrupulously filed. Introduction of value added courses, up-gradation and modification of curriculum, changes in teaching

pedagogy, infrastructure related changes, all have been initiated after interacting with students, alumni, industry and other academicians.

Industry feedback helps to improve our shortcomings. Many recruiters visit our campus during campus placement. Based on the feedbacks received, special training is given to all the students to improve their hardcore skills, soft skills and leadership skills. There is a significant improvement in number of companies visiting the campus. Alumni feedback received during Alumni Meet and on other occasions, helps us to improve working knowledge about companies and identifying areas for skill development. Alumni mentor our students to give an update about industry and help the students getting internships and placement.

6.13 Development programmes for support staff.

They are encouraged to undergo summer training and to attend specialized workshops for capacity building in their respective areas of specialization. A number of MoUs have been signed with Government and other industries in order to facilitate faculty exchanges. Faculty members are given on-duty for various professional development programs and encouraged to go for consulting assignments and higher studies.

Non-teaching staff development: Training has been conducted for non-teaching staff to provide opportunities for updating their professional skills in departments such as IT, Library, and Administration (including training on software, document writing, etc.). The Academic Staff College conducts periodical training programs for staff.

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

The University is situated at the heart of the city. But once any person comes inside our campus they forget that they are still in the city. This is because our University has taken all steps to make the environment look green and natural. Our University is well gardened and is maintained with adequate plants and trees. Students in the campus will never feel that they are in some cement structures, rather they feel the greeneries and it contributes towards a good learning environment.

The University campus is totally eco-friendly. The University has adopted various measures
to maintain the greeneries of the campus and it has been observed that it creates a positive impact on the beholder and helps in developing an environment-friendly attitude amongst everyone. The University conducts a Green Audit of its campus and facilities. The audit is done in three phases.

Pre-Audit: The scope of the audit is defined. Various initiatives during the academic year are confirmed.

Audit: Conducting Green audit in yearly basis.

Post-Audit: The University (Internal Green Audit Team) reviews environment related initiatives that are implemented. It formulates the action plan for the next academic year in order to have better environmental sensitization.

Buildings are designed and structured in such a way that there is adequate natural lighting and good cross ventilation from the environment. Buildings are architecturally designed taking into account maximum utilization of natural resources. Adequate care is taken while designing the super structure.

The management, staff and students are targeting at making the campus as "polythene zero zone" by 2015. Proper steps are in process to attain it at the earliest. Since our University is having proper natural lighting and good air from the environment, good amount of energy is conserved. Besides, proper awareness is given to students and staff on how to conserve energy. This is done through workshops, placards and notices. This has helped to a large extent in conservation of electricity. University has initiated a save energy campaign and also initiated a ***Energy Audit. 10MW***

The following are the major environmental initiatives undertaken by the University.

Energy Conservation

Energy Audits are conducted by the Electrical and Electronics Department to optimize power consumption in Dr. M.G.R. Educational and Research Institute campus and also in the Hostels. The suggestions given through audits are implemented. Students have carried out energy audits and have also studied energy consumption and optimization of water resources.

.The MGR Vision 10MW was inaugurated in our University with an objective to save 10MW of energy in the period of 10 years. Team of .MGR Vision 10MW has involved and audited 25 residential houses, 2 industrial and 1 commercial building till date.

The following are implemented by the construction and maintenance department for the conservation of energy.

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- Energy saving fans used in class rooms and hostels. Many light fixtures have begun using
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- Staff monitors unnecessary AC, Fan other electrical appliances used in the unoccupied class rooms and staff rooms.
- The maintenance department also tracks the costs of equipment repairs in comparison to the original cost of the equipment to determine whether or not it would be more cost effective to replace that piece of equipment with a more environmentally-friendly model.

Use of Renewable Energy

The University has installed solar panels in the ACS Medical College and in some campuses. University also has installed wind mills in two places of our main campus, and through that we are in a position to tap the wind energy to some extent. Our students designed and fabricated a solar power operated digital display board. Various activities highlighting the importance of Renewable Energy had been conducted like Conferences, Seminars, Research works leading to energy conservation, bio-diesel as fuel for engines to reduce emission.

Water Harvesting

Rain water harvesting system is completely installed in the University and Hostel campus. Soak pits are provided in all buildings of the University /Hostels. University practices waste water management system effectively, to keep the campus clean, hygienic and free from any sort of pollution. Every building in the campus is surrounded by trees and lawns. Different plants and trees decorate the campus and the campus looks beautiful. To create awareness on Rain Water Harvesting several Bike Rallies were organized by the University along with Metropolitan Water Supply and Sewerage Board, Chennai.

Efforts for Carbon Neutrality

The University makes the student aware of the carbon credits, carbon neutrality and its advantages etc., as a curriculum in the subjects of the University core course. The major contributors to CO2 are the vehicles. Even though our campus is in city region, you can.t find the smoke or fume inside our campus. Because, having understood the hazardous nature of CO2, we promote the idea of students coming to University by pooled motor bikes, by pooled cars or by college bus. This way we avoid a maximum inflow of motorized two wheelers which would pollute our environment. As well as the University is declared as ***Tobacco Free Zone***. We also conduct many workshops and awareness programs for the stakeholders of our University to promote the idea of Carbon Neutrality inside and outside campus. Projects are also given to students based on topics like carbon credit policy, earning from carbon credit, industrial waste, e-waste etc.

Plantation

Our University's ACS Medical College and Hospital is also known for the greenery and the pleasant environment. Students and staff relish the feel of being at a good environment. This is due to the management's planning and proper execution of the planting and maintaining the greeneries around. Various trees are planted and maintained to keep the campus green. To keep the greeneries in the

campus, we regularly maintain the gardens which are looked after by the staff under the guidance of a member. No tree is cut unless it becomes dead. Moreover, every year we try to plant new trees. Seasonal flower garden is also a unique feature of this University. Our University has also planned to plant medicinal herbs.

Hazardous Waste Management

Soak pits are built separately for discharging waste water from Chemistry and Biotech laboratories. Water based chemical reactions are carried out minimizing hazardous solvent chemical usage. Polythene bags and other non-decomposable are separated and sold to vendors before disposing the organic wastes. Waste and effluent water from college as well as hostel is treated and treated water is used for gardening. To create awareness among the public, our Prime Minister's pet project Swachh Bharat had been initiated and our University students were involved in cleaning The Central Railway Station, Chennai to create awareness amongst the public.

E-Waste Management

E-waste can be best described as consumer /business electronic equipment that are near or at the end of its useful life. The University is on a five-year cycle of changing computers with many of the newer ones entering the general computer laboratories and power users about every two or three years. The older computers are removed and reused in and other administrative offices. Sometime computers, printers and other equipments are donated to charitable organizations, if they are in good working condition. The computers that are out of commission are cannibalized for parts and then finally the ones left over are put up for sale by the Purchase Office. A future audit will explore the purchases for academics to see how much thought was given into buying recycled or sustainable equipment and supplies from eco-friendly companies.

The *Sustainability Committee* should be able to provide information as to which companies are the most sustainable and relay this information to the people interested in making purchases. Our aim is to improve the environment through the management of electronic assets throughout the life cycle, including purchasing, operations and maintenance, and end-of-life management.

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.

Over a period of years, University has introduced innovative measures which have created a positive impact on the overall functioning of the university. They are:

- Creation of additional technical facilities in the departments on yearly basis
- Conduct of value added courses/ beyond curriculum courses to make students industry ready
- Encouragement & support the students for appearing and doing well in competitive exams like GATE, GRE, GMAT, CAT etc. for higher studies
- Financial rewards for University rank holders and class toppers in the institute
- Frequent annual project contests and competitions at University level to encourage the students
  The University has adopted new teaching methods to make learning easier Micro teaching with Audio Visual Aids

- Content analysis test (pre-post-test)
- English Communication Programme

Introduction of New Courses:

University has taken initiative to start new courses as a part of addressing the challenges in the emerging world. Towards this, the University has introduced many new courses at the PG level. University has switched over to ***CBCS system for Electives*** from the inception of the University. This has given flexibility to students to select the courses of their choice and help them to go beyond compartmentalized disciplinary studies. A new practice such as ***Continuous Evaluation System*** has been initiated concurrently. Many interdisciplinary courses have been initiated by different departments this will help transborder mobility for the students. Students have been given the option of accumulating the credits before the tenure of the course. This in turn would help them to foresee the future and plan accordingly. Teachers are given freedom to upgrade syllabus every year. ***The Curriculum and Syllabi have been upgraded / modified in 2007, 2008, 2010, 2011, 2013/2014, and 2015, to suit the demanding industry situations and student interests, and to cope with the globalization scenario.***

- ***Introduction of Elective Courses***

- ***Initiative towards Collaborating with Institutes***

- ***Initiative for Regular Publication and Web Information***

- ***Introduction of Bloom Level Taxonomy***

University has developed the following innovative methods for quality assurance within the existing academic and administrative systems:

- The students having smoking and drinking habits are counseled by a team of members
- Encourage students to be open and transparent to their respective mentors, so that the root cause of problems with defaulters can be identified
- Motivate students to be more practical than being theoretical and not to commit material by heart the concepts and reproduce in examinations
- Staff were allotted with expert counselors, where staff problems concerning all matters were heard to and proper measures were taken to redress any such issues
- The syllabus is framed only after having proper discussions and inputs from the industry
- experts
- Academic Innovations - the institution has introduced many new innovative practices to help the students in their pursuit of attaining quality education
- Feedback mechanism - Students feedback about each teacher collected at the end of every Semester. Besides, informal interaction between the students and the Class Teacher/Head of the Department about issues pertaining to teaching quality is also encouraged
- Teachers are counseled by the Departmental Head regarding measures to improve subject
- understanding and/or teaching skills
- Enrichment courses like Personality Development programme and English speaking courses are conducted to improve personality of students and make them industry ready

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

The University has • Women protection cell□ which will look after the concerns of women faculty and students. The Cell will interact with women student representatives frequently to identify any of sexual harassment incidents that may occur. Until now there were no such incidents that were needed to be handled. If any such minor incidents are identified by the Cell, then there will be disciplinary action against the offenders who violated the decency. The Women protection Cell deals such cases very confidentially to preserve the self-respect of women students. It was constituted as per guidelines issued by UGC. Recent Circular of University is to constitute, if not done already, and to send copies to UGC, State Govt. It was implemented by the University

The University has anti-ragging Committee. The Committee consists of faculty and students from different departments to prevent and register cases of ragging in University headed by a senior professor by close monitoring and intensive surveillance of the campus, class rooms, buses, hostel & cafeteria by the anti- ragging committee, instances of ragging have been prevented before they took place. Further, anti-ragging Squads are also constituted at department level, to monitor day to day tendency. Anti-Ragging undertaking form will be filled up by the parents and the students at the time of admission in the University.

Example:-

What is the official policy of the University to check malpractices and plagiarism in research?

Three cases in doctoral theses have been found and they have been denied the Ph.D. degree.

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

Best Practice 1:

1. Title: Effective Teaching Learning & Evaluation Process

The core purpose of student assessment and evaluation is to strengthen the knowledge, skills, dispositions, and classroom practices.

Goal

The principles on the basis of which this best practice was decided was to raise the curiosity of a student in a particular topic, to encourage the students to question the obvious and to increase the interaction in the class.

The Context

The teaching/learning process is given immense importance in the institute. The institute is as good as its students. The students are as good as the teachers. The institute trains their facilitators continuously to help them enhance their teaching abilities. The learning imparted to the teachers is implemented in enhancing the learning experience of the learner.

The Practice

- Learner-centered activities like participative learning, interactive sessions, student seminars, case studies, project work, assignments, problem solving exercises, practical's/field work and use of audio-visual teaching aids.
- Blue Print of teaching schedule for the academic year.
- Teacher diary with personal information/achievements/academic growth / unitized syllabus / teaching programme schedule plan / students performance record / leave record/movement register
- Augmenting of teaching / learning through the e-resources available in the computer lab catering to diverse needs
- Regular Tutorials (LTP system).

- Creative and innovative strategies to cater to advanced / slow learners.
- Value-added courses to enhance personal and professional skills.
- Admission on a preferential basis for top scorers, sports champions and physically socioeconomically challenged

Teacher Quality

- Teacher quality is maintained through orientation sessions, observation of lessons and taking annual feedback from students
- IQAC promotes the growth of the teaching staff by organizing quality enhancement and teacher enrichment programs regularly.
- Performance appraisal of the faculty is taken up with a view to enhance performance and quality.
- Buzz sessions and sharing of innovation and creativity in teaching and using contemporary techniques
- Faculty is encouraged to organize and attend International /National /State/Regional level
- Seminars /Workshops/Symposia
- Vacancies are filled on a regular basis with the initiative and interest taken up by the management
- Orientation and induction programs are conducted for new recruits and new entrants of the college.
- Staff enrichment programs are conducted for the growth and development of faculty.

Curricular Aspects

Academics - Choice Based Credit System (CBCS-Electives) Choice Based Credit System is going to be introduced in Dr. M.G.R Educational and Research Institute from the academic year 2016-17 onwards. Currently students are able to choose subjects of their choice for *Electives* following the CBCS guidelines. The present system of curriculum of fixed credit system of learning offers flexibility to students in choosing the elective courses. As part of providing quality education, Dr.M.G.R. Educational and Research Institute are taking the next step in this direction by introducing the Choice Based Credit System (CBCS) into its academic curriculum from June 2017. Different areas of specialization are offered and their curriculums were designed, and also provide opportunity to gain knowledge and improving employability skills.

Curricular Update

- Board of Studies meetings
- Faculty meetings
- Alumni feedback
- Industry expert feedback during their visits to department and during visits of faculty to companies

- Academic expert feedback
- Student feedback
- Learning, Linkage, Research, and Responsibility
- .Continuous industry interaction through IVs, Guest Lectures, Seminars, and Placement interactions. Using all these industry interactions for syllabus up-gradation, curriculum feedback, and placements. Documenting these interactions on as and when required
- MoUs with reputed professional associations and industry for growth of the University
- Organizational structure of the Department ensures effective delegation and empowerment the team members, Coordinators for each role, Decisions taken based on continuous team meetings and consensus building. Organizational chart displayed in the department.
- Process of continuous feedback from the students through interactions with the students by the HOD on a regular basis. Interaction through class committee meetings also
- Organizing several innovative events for the department.
- Value added Certificate courses by MSME
- Student Clubs based on specialization
- Focus on Entrepreneurship - ED programs, Business Plan competition business run and funded by students.

Innovative Outreach programs
- The students participated in many outreach programs in various capacities such has organizers, volunteers and Participant.

Evidence of Success

The evidence of success is visible, qualitatively as well as quantitatively. The qualitative indicators are a more positive outlook towards life, improvement in etiquettes and desire to understand things rather than learning by the rote. The quantitative indicators for learners who actively participate in co-curricular activities are that they show improvement in academic performance. Students who have passed out have done extremely well in the corporate world. Some students have put their learning into application by starting their own businesses. Some of the facts are that students when shown the right direction and given the right encouragement can achieve the goals they desire. Holistic development rather than only academic success, contributes in creating socially sensitive individuals which is a prominent requirement of an educational institute.

Problems Encountered and Resources Required

Resources in terms of finance are continuously required to upgrade technology requirements. This is not available consistently. In a city like Chennai, space is another constraint. Activity based games cannot be implemented due to paucity of space.

Notes

Other Teaching Methods

Crossword puzzles

Construction of vocabulary lists

Vocabulary drills

Flowcharts

Open textbook study

Pen pals

Making of posters by students

Problem solving and case studies

Best Practice: 2

2. Title: Student Monitoring, Progress and Support

The University provides adequate student welfare measures to all students irrespective of caste, community, creed o9r religion, economic status and linguistic groups. The assistance rendered contributes towards the holistic development of students.

Goal

Educational Institutions around the globe are growing at a rapid rate. Educational providers from Overseas are interacting with Institutions in India. Universities abroad are trying to have their presence in India. Many students prefer to study in a foreign University than studying in Indian universities. The .survival of the fittest.phenomenon is applicable to Educational Institutions also. The students of our University are motivated and guided for pursuing higher education according to their choice and capabilities.

The Context

Reviewing and updating the students.knowledge including curricular, co-curricular and extra-curricular activities is deemed an essential ingredient to keep the system as vibrant as possible. An opportunity to redesign the curriculum in tune with the vision and mission of the University is given through conferring autonomy by the UGC.

The Practice

Student Progression

The academic performance of each student is monitored by the course teacher and the Resume is maintained by the mentor who imparts personal and academic guidance. Academic guidance is given both to the slow and the advanced learners by the course teachers and they are properly channelized for their improvement. Their performance in curricular, co-curricular and extra-curricular activities is brought to the notice of the parents.

Communicative English is a part of the regular curriculum of English which includes special aural- oral practice given to all students in the Language Laboratory.

Department of English offers courses for UG students and courses for PG students in English for Communication with a special thrust on Spoken English

College provides personal enhancement and development schemes for students, through Placement and Career Guidance Cell with a team of faculty members

Career guidance and information cell headed by a full time Coordinator assists the students in the areas of higher studies and employment.

Field visits/projects/internship augments progress to research activities. **Student support**

Special attention is paid to slow learners by conducting remedial coaching and series of tests after the working hours and a separate register is maintained to assess and enhance their performance. They are also encouraged, motivated, personally and academically counseled in the mentoring session. Dropouts are readmitted and facilitated with the needs required to complete their course.

- Scholarships / Fee concessions
- Finance for bus pass/books
- Medical aid
- Students grievance redressal cell/sexual harassment cell/counseling cell
- Campus recruitments: The University has an active Placement and Career Guidance Cell which comprises a coordinator and a group of faculty. The cell organizes the following programs regularly: Soft Skill training, Mock aptitude tests, model entrance examination, Interview techniques and Resume writing for final year students, Spoken English training for UG students, Campus drives once or twice a year to recruit the students

A well-equipped health centre with a qualified staff nurse functions to treat the sick and administer First Aid for the students. In case of severe illness, the doctor from the University hospital attends on the patient.

Students are exposed to other institutions of higher learning through projects, MoUs, Implant training, visit to industries, instrumentation centers and research institutes, hands-on training and campus drives at other institutions and educational tours.

A separate cell functions with two counselors for helping the students to solve their personal problems of different kinds. The students are free to approach the counselors at the scheduled time after the college hours.

University offers several career training programs Like IBM DB2 Database Associate training and certification, Microsoft Certified Professionals training and certification Oracle Data Base Associate Training and Certification, CISCO Certified Network Administrator Training, Soft Skills Training

Student Activities

- Participation in and organization of diverse cultural activities both at the intra and intercollegiate levels to promote interest in and respect for Indian tradition.
- Extensive participation and achievement in intercollegiate fests at University /State/National levels.
- Commendable performance in sports field at institution/state/National levels winning accolades for the college.
- NSS and Physical Education are included in the curriculum in which all interested students can opt for Physical Education.

Two University Core subjects:

1. Environmental and Health Science-I and

2. Environmental and Health Science-II introduced after getting University status with 4 credits.

Physical Directors with Ph.D. qualifications make the students to participate in various Intramural competitions, Inter-collegiate Competition, Tournaments at different levels - University / District / State / National and International. Sports students are given fee concession in the College and Hostel. The players who represent the college in matches and events at different levels are privileged to appear for mid semester, end semester and semester examinations conducted specially for them, after special coaching. Celebration of Annual Sports Day ensures students .participation in every activity and enhances the Sportsmanship and Sporting Spirit among the students. The winners of Sports and Games are applauded and their photos are displayed on the General Notice Board. Department wise or year-wise cultural competitions are conducted and the winners / the maximum scorers are awarded a Rolling Shield.

Empowerment of women is the motto of the cell and it is realized through special lectures on Women's rights, Role of Women in Society, conduct of competitions and organizing rally on issues related to women. Women's Day is celebrated on March 8th of every year.

7.4 Contribution to environmental awareness / protection

Energy Conservation

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maximum inflow of motorized two wheelers which would pollute our environment. As well as the University is declared as **Tobacco Free Zone**. We also conduct many workshops and awareness programs for the stakeholders of our University to promote the idea of Carbon Neutrality inside and outside campus. Projects are also given to students based on topics like carbon credit policy, earning from carbon credit, industrial waste, e-waste etc.

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to improve the environment through the management of electronic assets throughout the life cycle, including purchasing, operations and maintenance, and end-of-life management.

7.5 **Whether environmental audit was conducted?**   Yes ✓   No ☐

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

- 1.80 % of the faculties are well qualified and experienced.

  - Faculty retention rate is almost 100%.

  - . Innovative curriculum and course programmes

  - Centre of excellences and augmentation courses supported by industry State of Art Technology and infrastructure

- United Team Of Smart Working Faculty
- A team of committed, hardworking and skilful teaching and non-teaching faculty.
- Projects are Industry oriented.
- Projects based on renewable energy (Solution for Energy Crisis).
- Research activities - Publications by Students and Faculty.
- Projects connected with publication.
- Students are encouraged to do real time projects.
- Apart from Syllabus - advanced topics are taught.
- Motivation awards.
- Research Centre - One for Electrical, One for Electronics (SUPERCEN, CEAIR).
- Continuous Assessment Test Cell in the department.
- EETA - Department Association.
- LABVI EW, PSCAD, MATLAB, PSPICE - activity based on learning.
- Professional societies like IEEE and IET.
- Bulletin courses (BEC) - To develop English language.
- Scholarship for Meritorious students.
- Travel grants from various Funding agencies – To attend Conference, Seminars etc.
- International Cooperation Research – Exchange of research ideas with foreign Universities.
- Innovative learning practices for all courses prescribed in the curriculum.
- Well equipped Laboratories.
- ISO CERTIFIED Department for procedural functioning.
- Consistent thirst for knowledge- Motivation for higher studies.

- Innovative curriculum development cell – up gradation and modification of syllabus.
- Energy Awareness – To conduct Energy Audit.
- Industry Institute Interaction.
- Evaluation of Faculty Performance – API.
- Evaluation of Student Performance – Result analysis.
- Counselling and Mentoring for students.
- Value added certification programmes.
- Career Guidance.
- Intra department Placement & Training activities.
- Social Activities.
- E- Journals (IEEE, ETC.,)
- Digital library
- Resourceful department library.
- Department NEWS LETTER.
- Women Empowerment Programme - Women's day celebration.
- Organizing National level Conference and Workshop.
- Consultancy for parent University.
- Initiatives for applying Funding projects.
- Sponsored Faculty and Students Higher Education.

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

- Department has planned for International Collaboration with renowned Institutions and Laboratories in India and World over.
- The ABET accreditation to be seeked.
- Faculty exchange programs are in pipeline.
- International projects to be applied.
- funded Research Projects
- Students exchange program.
- Patents
- Entry in International Project competition.

- Experienced, dedicated and committed staff who provide not only in-depth theoretical knowledge but also practical knowledge which is imperative for this industry.

- Good curriculum with choice of 11 specializations
- Better internships for students, more corporate projects, soft skills training to be made more effective so as to improve communication skills, and improvement in placement performance
- More of funded research and publication in top level journals
- More linkage with industry required
- Syllabus modification as per the current industry requirements
- Industry – Academia interface: MOUs, IVs, Seminars, Conferences, Board of Studies, Guest Lectures, Projects & Internships
- Delegation, empowerment, and leadership roles for faculty and students
- Scope to start more Centers of Excellence
- Develop entrepreneurship & Business Incubation Centers with the help of Government support and partnerships and greater student involvement in becoming entrepreneurs
- Visionary leadership

There is a growing need for well trained and job-ready work force to handle the growing demand. And the industry is looking for Hotel Management and Catering Institutes to step in and fill the skill-demand gap.

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Name Dr. K. Senthil kumar

Name Dr. K. Meer Mustafa HUSSAIN

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQA