YEARLY STATUS REPORT - 2020-2021

Part A
Data of the Institution

1.Name of the Institution	Dr MGR Educational and Research Institute
• Name of the Head of the institution	Dr S. Geethalakshmi
• Designation	Vice chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04423782186
• Mobile no	9840056785
• Registered e-mail	vc@drmgrdu.ac.in
• Alternate e-mail address	registrar@drmgrdu.ac.in
• City/Town	Chennai
• State/UT	Tamilnadu
• Pin Code	600095
2.Institutional status	
• University	Deemed
• Type of Institution	Co-education
• Location	Urban

	Name of the IQAC Co-ordinator/Director	Dr K Balasubramanian
	Phone no./Alternate phone no	04423782186
	Mobile	9840096197
	IQAC e-mail address	iqac@drmgrdu.ac.in
	Alternate Email address	iqac-director@drmgrdu.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year)		https://www.drmgrdu.ac.in/uploads/AQAR-_2019-2020.pdf
4.Whether Academic Calendar prepared during the year?		Yes
	if yes, whether it is uploaded in the Institutional website Web link:	https://www.drmgrdu.ac.in

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	78.55	2007	10/02/2007	09/02/2012
Cycle 2	A	3.31	2016	02/12/2016	01/12/2021

6.Date of Establishment of IQAC	15/02/2007

7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr. M.G.R. Educational and Research Institute, Deemed to be University	UGC and MHRD (Categorized as Category II with Graded Autonomy)	UGC	2018, 5 YEARS	0

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
Upload latest notification of formation of IQAC	View File	

9.No. of IQAC meetings held during the year	4	
• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)	Yes	
• (Please upload, minutes of meetings and action taken report)	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes	
• If yes, mention the amount	50000	

11.Significant contributions made by IQAC during the current year (maximum five bullets)

1. Student and Faculty maturation program as per UGC Quality mandate - Deeksharambh and Gurudakshta.

2. Student Satisfaction Survey is conducted and shortfalls are identified and action taken accordingly.

3. Enhance Research Publication.

4. Analyzing the Quality Enhancement of the Departments through Auditing after the last NAAC assessment.

5. Ensuring effective teaching-learning through ICT and Outcome-based curriculum framework for all the programs.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1. Student and Faculty maturation program as per UGC Quality mandate - Deeksharambh and Gurudakshta.	1. Student and Faculty induction program was followed effectively across the University.
2. Student Satisfaction Survey is conducted and shortfalls are identified and action taken accordingly.	2. A sample student satisfacation survey was taken in which 5935 students participated and the average score was 3.27 in a 0-4 scale and taken was taken two words minimum score secured.
3. Enhance Research Publication.	3. The MGR 999 challenges was promoted by Individual, Online departmental meetings and this reached around 700 Faculty members. The winners were rewarded.
4. Analyzing the Quality Enhancement of the Departments through Auditing after the last NAAC assessment.	4. Based on NAAC SOP Academic Auditing was done. And Based on the Academic audit report SWOT analysis was done and action plan was initiated.
5. Ensuring effective teaching-learning through ICT and Outcome-based curriculum framework for all the programs.	5. Online teaching followed by Online end semester examination was achieved. The effectiveness was ensured by mapping the CO's and PO's of the program.

13.Whether the AQAR was placed before statutory body?	**Yes**

- Name of the statutory body

Name	Date of meeting(s)
IQAC Core Committee	30/12/2021

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	**Yes**

15.Whether institutional data submitted to AISHE	
Year	Date of Submission
2020	18/02/2020

16.Multidisciplinary / interdisciplinary

17.Academic bank of credits (ABC):

18.Skill development:

19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

21.Distance education/online education:

Extended Profile

1.Programme	
1.1 Number of programmes offered during the year:	151

File Description	Documents
Data Template	No File Uploaded

1.2 Number of departments offering academic programmes	67

2.Student	
2.1 Number of students during the year	16941

File Description	Documents
Data Template	No File Uploaded

2.2

Number of outgoing / final year students during the year:

2962

File Description	Documents
Data Template	No File Uploaded

2.3

Number of students appeared in the University examination during the year

2991

File Description	Documents
Data Template	No File Uploaded

2.4

Number of revaluation applications during the year

22

3.Academic

3.1

Number of courses in all Programmes during the year

16554

File Description	Documents
Data Template	No File Uploaded

3.2

Number of full time teachers during the year

1072

File Description	Documents
Data Template	No File Uploaded

3.3

Number of sanctioned posts during the year

1072

File Description	Documents
Data Template	No File Uploaded

4.Institution

4.1 Number of eligible applications received for admissions to all the Programmes during the year	**13618**

File Description	Documents
Data Template	No File Uploaded

4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**3249**

File Description	Documents
Data Template	No File Uploaded

4.3 Total number of classrooms and seminar halls	**468**
4.4 Total number of computers in the campus for academic purpose	**3129**
4.5 Total expenditure excluding salary during the year (INR in lakhs)	**103666**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

All the courses in any programme of study offered by Dr. M.G.R. Educational and Research Institute are developed in such a way that has relevance to local, national, and global developmental needs. Every department of study which offers any programme has a Board of

Studies (BoS) comprising the faculty and external subject experts who after deliberations approve the syllabus of any course. Every programme presents programme outcomes, programme specific outcomes, and carries course outcomes of each course. Additionally, each course/subject of any given programme carries a course objective that unfolds the learning outcome for that course. The Institute has separate OBE cells that ensure teaching and learning methodology and focus on measuring student performance i.e. outcomes at different levels.

The Board of Studies of each department oversees the relevancy and requirements of any course in the programmes that the department offers. For research programmes, the courses are discussed usually in Departmental Research Committees (DRCs) and are recommended for approval in the BoS, where they are discussed and approved and forwarded to School Boards and Academic Council for final ratification.

File Description	Documents
Upload relevant supporting document	[View File](#)

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

40

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

720

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

720

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

41

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Our curriculum effectively integrates cross-cutting issues that are socially relevant subjects like gender, environment and sustainability, human values, and professional ethics that ensures a strong value-based holistic development of students. Various activities are organized throughout the year that helps us in achieving this endeavor. 1. Gender Sensitivity: Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective. Counselling services are provided through a Counselling Cell. Gender sensitization talks are organised on women's rights, human rights, gender justice, and gender equality. A wide range of outreach programmes like health and hygiene camps and village adoption enables exposure to real-life situations. 2. Environment and Sustainability: The strong community-oriented work culture in our Institution ensures the integration of quality education, healthcare, and innovation. Environment awareness camps, Energy Conservation campaigns, seminars, guest lectures, and field visits are organized. Environment Day, Earth Day, and Energy Conservation Day are annually celebrated. Our Institution accords great importance to interdisciplinary research areas focused on renewable energy, environmental pollution and is a part of

curriculum 3. Human Values and Professional Ethics: To enable the students to understand the ground realities in life Human values and professional ethics are an integral part of our curriculum

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

85

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

9840

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

3049

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni	• **All 4 of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

1.4.2 - Feedback processes of the institution may be classified as follows	• **Feedback collected, analysed and action has been taken**

File Description	Documents
Upload relevant supporting document	[View File](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

9641

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

6463

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the studentsand organises special Programmes for advanced learners and slow learners

Student representation is diverse not just in terms of regional and linguistic aspects but also in their level and pace of comprehensibility. Since it would be inappropriate to divide a class

into groups based on students' level of comprehension, classroom observation, interaction, continuous and periodic assessment are used as a measuring system to assess the learning levels of the students.

The Faculties organise remedial classes for slow learners. This exercise is done in a discreet manner and slow learners are encouraged and insisted to recognize their shortcomings. This ensures that students are given one-to-one attention and focus is on individual problems. The departments use monitoring and mentoring to keep track of slow learners' progress. Revision classes and counselling sessions are held to encourage and motivate students. Tutoring by peers, senior students, and mentors is offered. The Institute has an Advanced Research Centre and IAS coaching center to assist the growth of advanced learners. Training and Placement Cell invites Companies and Industries to hold their placement drive at the University and students are encouraged to actively register for the interviews. Apart from this various programs are organised to enhance employability and strengthen the knowledge base of the students.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	file:///C:/Users/Admin/Downloads/2.2.1%20(ONLY%20Supporting%20document).pdf

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
16941	1072

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

The University practices a teaching methodology that focuses on imparting education through a student-centric approach that is

problem-based and system-based. The teacher facilitates learning by allowing each individual student to comprehend at their personal level by ensuring their involvement in-class activities so that they can grasp information at their own pace.

Courses of the University are defined highlighting course objectives, programme specific objectives, and programme outcomes. This provides a comprehensive understanding to the student right at the beginning of the course as to what should be the primary focus. It also helps them in self-evaluating their performance at the end of the course. Feedback on the Course and teachers, given by students at the end of each semester provides an opportunity to identify any lacunae which are then addressed.

Teachers make classes as interactive as possible and encourage innovative and novel interpretations. Audio-Visual methodology, Google Classroom, Laboratory, Industrial Visits, Internships, and Projects are some of the means utilized by the Departments to provide experiential and participative learning to improve problem-solving ability. Discussions and debates on contemporary issues are encouraged so that students can reflect and analyze by eliciting responses to the subject under discussion.

File Description	Documents
Upload relevant supporting document	[View File](#)

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The teachers of our Institute use online education resources, social networking sites, and blended learning platforms like google classroom to effectively deliver teaching and provide an enhanced learning experience to the students. All the teachers use in some way or other ICT tools to teach and train their students. Smart classrooms are used for screening video lectures and for presentations. Teachers prepare modules on important topics which are produced and recorded and are made available for students online. The use of ICT by teachers in classrooms apart from enabling students to keep pace with the contemporary digital and virtual world has helped our Institute create a student-centric learning approach. Jackprodigy (LMS), Flipped classrooms, YouTube, Emails, WhatsApp group, Zoom, and Google classrooms are used as platforms to communicate, provide material and syllabus, make announcements, conduct tests, upload assignments, make presentations, address queries, mentor and share information. Every teacher is required to

upload students' attendance, internal assessment marks, and term-end assessment marks in addition to the feedback on the course and the class that they taught on the Jackprodigy portal. On the other hand, students get all their academic information on their Jackprodigy portal.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

1072

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

167

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

143

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

1078

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

143

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

9

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

9

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

0

File Description	Documents
Upload relevant supporting document	[View File](#)

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The Institution is striving hard to bring the Examination Reforms by means of improving Examinations procedures, integrating tools of Information Technology, and by incorporating continuous Internal Evaluation. The college keeps its examination system open for modifications and thus strengthens it from time to time, ensuring the system foolproof and addresses the grievances of students. The institutional reforms in all the activities of the examination system are kept at par with the reforms pushed by various regulatory bodies. The drivers for reforms in the examination system of Indian education have been incorporated into our examination system and that includes the OBE- a framework for the assessment process, evaluation of higher-order abilities and professional skills in different forms like internship experience and project works, Bloom's taxonomy for assessment design etc. The following are the significant reforms in the Examination system. • Quizzes / Surprise Test(s) /Project works and assignments are made part of evaluation. • Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation, and declaration of results. • Continuous Assessment tests (CAT), periodical assignments/tests/quizzes, etc. are conducted to keep the students meaningfully engaged with the subject content throughout the semester.

File Description	Documents
Upload relevant supporting document	[View File](#)

2.5.4 - Status of automation of Examination division along with approved Examination Manual	A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The Institute has clearly stated the learning outcomes of all the Programs and Courses. The following mechanism is followed to

communicate the learning outcomes to the teachers and students. · Copy of the Syllabi is available in the department for ready reference for students and Faculty. · Learning Outcomes of the Programs and Courses are discussed with students at the end of each topic of the study · The learning outcomes are stated using Bloom's Taxonomy and are expressed in the lesson plan that clearly describes the knowledge skills and competency expected from the students to acquire at the time of completion of their programme of study · The PO, PSO's and CO's are incorporated in the curriculum for display on the Institution's website which can be accessed by all the stakeholders namely Faculty, Students, Industry and Alumni. · Soft Copy of Curriculum and Learning Outcomes of Programs and Courses are also uploaded to the Institution/university website for reference · The importance of the learning outcomes has been communicated to the teachers in every IQAC Meeting and Institution Committee Meeting. The students are also made aware of the same through Tutorial Meetings

File Description	Documents
Upload relevant supporting document	[View File](#)

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The Institute has a system in place for measuring the levels of attainment of course outcomes, programme specific outcomes, and programme outcomes. The objective and outcomes are properly mapped for testing and evaluation of students so that PSO's are attained through the competency mapping in terms of knowledge and skills. The Departments adopt both direct and indirect methods of assessment to ensure the attainment of PO's and CO's. Direct Assessment methods · Group discussion · Student projects · Assignments · Continuous Assessment Tests · End semester exam. The score of this assessment is taken into account for evaluation CO's. Indirect Assessment Methods · Feedback · Alumni survey · Co-curricular activities · extracurricular activities. The feedback mechanism is used to improve the Teaching-learning process in outcome-based education. Internal assessment is the requirement of the continuous assessment and is essential for the fulfillment of the COs and PO's.

File Description	Documents
Upload relevant supporting document	[View File](#)

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

2962

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://www.drmgrdu.ac.in/uploads/IQAC/Doc/SSS19-20.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The institution's Research facilities are frequently updated and there is well-defined policy for the promotion of research which is uploaded on the institutional website and implemented.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

11000000

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

871

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

173

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery	A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

9.25

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

230.95

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

240

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

Yes, the Institution has created an eco-system for innovations including an Incubation center and other initiatives for the creation and transfer of knowledge. Dr. A.P.J. Abdul Kalam Centre of Excellence for Innovation and Entrepreneurship was set up by Dr. M.G.R. Educational and Research Institute as an interdisciplinary Centre with the objective of developing innovative products with excellent commercial potential. The Institute takes all measures to drive innovation and start-up ecosystems at campus while connecting with ecosystem enablers at the regional and national levels. The Institute has certified Innovation Ambassadors who mentor the students and organize various programs related to innovation and start-up and spread the message of innovation & start-up among the students and faculties. Apart from this, the students and the faculties get an opportunity to incubate their start-up under the

`MGR NewGen IEDC program.`

File Description	Documents
Upload relevant supporting document	View File

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

`219`

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

`219`

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

`90`

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

| 3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio- | `A. All of the above` |

ethics etc)
3. **Plagiarism check**
4. **Research Advisory Committee**

File Description	Documents
Upload relevant supporting document	[View File](#)

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

`A. All of the above`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

`31`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

`649`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during

the year

472

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

1035

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS	**B. Any 4 of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
404	**134**

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
404	134

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

Yes, the Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

359282

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

The institute promotes regular engagement of faculty, students, and staff with the neighborhood community for their holistic development

and sustained community development through various activities. Every Year, programmes are organized under which students and staff participate voluntarily in community-based activities within the neighborhood. The Institution organizes Swachh Bharat programmes and Medical Outreach Programs. The Institution has adopted a village to create awareness regarding Energy conservation. All the homes in the community preached about energy conservation and the conventional lights were replaced with LED lights. Continuous voluntary activities like Blood donation camps and Health Awareness Programs are organized by our Institution. The activities conducted lead to imbibing the values of social responsibility such as 1. To help people in need and distress 2. To understand and share the need of underprivileged children 3. To promote cleanliness in all spans of life and common places. 4. To acquire social values and a deep interest in environmental-related issues.

File Description	Documents
Upload relevant supporting document	[View File](#)

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

46

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

167

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

16269

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

187

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

196

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Our Institution has a well-developed high-tech campus and is

equipped with modern facilities and learning resources to achieve academic excellence according to its vision and strategic objectives. The infrastructure facilities and learning resources are categorized under (a) Learning Resources include resources and infrastructure required for the library, laboratories, computer center, classroom, events, meetings, and conferences. (b) Support facilities include hostels, canteens, convocation halls, seminar halls, gyms, and sports grounds (c) Utilities include safe drinking water, restrooms, and power generators. Classes are scheduled for optimal utilization of the available physical infrastructure. Sophisticated equipment availability is ensured and also sharing of laboratory facilities is encouraged between faculties. Apart from the central facilities, such as Computer Centre, Central Library there are many laboratories that cater to students from other faculties. The Institute continuously strives to create and enhance infrastructure both in terms of buildings and other facilities to provide a good teaching-learning environment.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

The Institute, with its compulsory Core Courses and the continuous evaluation scheme, integrates sports and extra-curricular activities as essential components. The Institution has adequate facilities for sports, games, and cultural activities. The Institute has a well-maintained Basketball court, Cricket ground, Throw ball, volleyball courts, and Indoor space for games like Table tennis and Chess. The Institution also has a gymnasium for the benefit of students and faculties. All faculties have well-equipped seminar halls for organizing events. Major cultural events are organized at the majestic ACS Convention Hall. Gymnasium and other facilities are also available at the Girls and Boys Hostels. Intra-faculty and inter-faculty games and sports competitions are organized regularly every year for students. Students are specially trained for participation in Zonal and Inter-Zonal competitions. Apart from sports activities, cultural activities are also organized on various occasions.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.1.3 - Availability of general campus facilities and overall ambience

Dr. M.G.R. Educational and Research Institute is spread over a vast 300 acres. The institute provides a high-class infrastructure that caters to the needs of students, faculty, and patients to offer the finest patient care and technological resources. The campus houses well-ventilated spacious hostels for girls and boys separately with cabinets, wardrobes, and cots, purified water for drinking, uninterrupted electricity supply with generator backup, and 24 hours high security. Laundry service is available for the convenience of the students. The hostel mess provides good quality, hygienic well-balanced food enabling students to experience a sense of "home away from home" while on campus. The cafeteria on the campus offers a varied menu and comfortable surroundings, thus becoming students' favorite hangout. The Institute also houses a Transport office and ATM for the benefit of students and faculties. Solar panels have been installed on our campus as a source of renewable energy. A water treatment plant is present on the campus for water recycling. To ensure easy accessibility on the campus signage boards is kept everywhere. We have ample parking for staff, students, visitors separately. The campus has Wi-Fi facilities for all staff members to enable all education services and resources.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

18505.61

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

The Library in the University contains books for all the engineering branches, medicine, law, pharmacy, nursing, humanities, social sciences, and physiotherapy. The collection of books has increased over the years. The library caters to the needs of the faculty,

students, and Research Scholars. Appropriate infrastructure is provided in the library to meet the requirements of both students and faculty members. The major collection of the books in the library is arranged in various racks according to the subjects. This consists of books on all branches of engineering and technology, medicine, humanities, social sciences, and law. In this section, books are permitted to users for borrowing purposes. The books are issued using a defined process. The University library has automated library management software for the value-keeping functions of the library. Every document in the library bears a tag that is used for issue and returns purposes. The availability of our Library holdings can be checked by using Online Public Access Catalogue (OPAC). The Institute provides access to online resources like Elsevier, EBSCO, ASME, ASCE, IEEE, Springer Journals, Del Net, DOAJ, Sage, J gate, J Scholar, and IET Digital Library.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases	A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

109.66

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

430

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

371

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

The Institution has a clear policy regarding Information Technology. The University has been always at the forefront of adopting technologies and providing IT-enabled services to all its stakeholders. The policy provides a framework for the use of IT infrastructure and also lays down the Vision and Mission of the University in making all its tasks IT-enabled. The Institution has appropriate budgetary provisions for expansion and updating its IT facilities including Wi-Fi. Our Institution has the following state of the art IT infrastructure Hardware infrastructure: · Computers · Servers · Data Centre · Storage · Projectors · Printers Networking infrastructure: · LAN · Wi-Fi network access points. · The University has a campus network and Wi-Fi facility. Old and outdated computers are upgraded periodically. They are either replaced or enhanced with respect to configuration. Additional computing facilities are added based on the need arising out of requirements of students, research scholars, and faculty.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
16941	**3129**

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• ?1 GBPS

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	A. All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)
Upload the data template	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

1571.00

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Each department has the required number of fully equipped labs for use by students. In addition, two labs fully dedicated to research work are also functional. Students, faculty members, and research scholars of the University are free to use any facilities in any of the labs provided they obtain the required permission from the concerned Department Heads.

The students of the University have complete freedom to use the playground for outdoor games. The gym facilities available can also be utilized after class hours. Students from various departments undergo selection trials to participate in specific sports events. Library Register is maintained and the Library users were not allowed with already borrowed books inside the Central Library.

Books and other periodicals will be issued only on producing the membership card ID card. A membership card has to be produced in the library at the time of no due certificate request. Sufficient classrooms and computers are available. Classrooms being the doorstep of learning, Students are allowed to use the classrooms for all interactive teaching and learning modules. Computers are utilized for all learning and research activities by both faculty members and students.

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

8571

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

11049

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology	**A. All of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	• **All of the above**

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

30

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

351

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

655

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

87

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

The Student Council in the name of Magic Association represents students in various clubs YACE, STEM, and LITERARY SEMINARY, and committees both at the departmental level (class Committee) and also at the institutional level (IQAC student representatives) to create the right platform for them to voice their views, concerns, and opinions. It enables the students to exhibit their leadership skills. The involvement of students in academic bodies increases their awareness of the various rules and regulations of the institutional environment. The student activities of the council are coordinated by a faculty member. The student representatives act as Executive Members of the Council. The primary objective of the Student Council is to ensure the holistic development of the students which will serve as a firm foundation for their bright careers. Students are involved in the feedback system, where their

responses will not only help us to identify and improve the gaps in the Teaching-Learning process but also maintain the quality of the process itself. It's a testimony to the fact that we solicit advice from the students in the process of quality improvement that we allow their participation in most of the committees, the students also reciprocate with great enthusiasm.

File Description	Documents
Upload relevant supporting document	[View File](#)

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

45

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

MGR Alumni Association (MAA) seamlessly connect alumnus with the Institute, faculty, students and fellow alumni The objectives of this association are: • To establish and maintain an alumni association structure Board, Chapters, Batch representatives enabling the smooth governance of the association. • To inspire alumni to enhance their total participation for their personal growth and for the university. • To provide a platform for the alumni to deliver their expertise to their junior batch. • To strengthen ties between the Institute and alumni and encourage them to participate in various cultural and social activities.

Apart from this, the MAA conducts reunions and Yearly meetings to strengthen the alumni network which strives for Institutional Development.

File Description	Documents
Upload relevant supporting document	[View File](#)

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs

File Description	Documents
Upload relevant supporting document	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Being an established institution in the heart of the city, Dr. M.G.R. Educational and Research Institute have a strong and committed institutional leadership with an established system of governance. The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance. Our Vision is to provide contemporary knowledge delivery of global standards, excellence in knowledge creation in emerging areas, and mutually rewarding university-societal interaction. Our Mission is to make the Institution a Resource Centre for Higher Level Teaching-Learning processes, in the fields of Engineering, Dental Surgery, Medicine, Allied Health Sciences, Humanities & Sciences, Architecture, and Management & Education. We wish 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 modern industries, businesses, or research and development organizations. We also wish to promote ethical values and encourage creative ideas among the younger generation and thereby developing their entrepreneurial skills which will ultimately benefit the Society and Nation. The motto of our Institute is "Our Students are to be Job Creators and not Job Seekers"

File Description	Documents
Upload relevant supporting document	[View File](#)

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The Institution promotes participative management. Ideas pertaining to academic goals, organizational progression, and better campus life are collected from all stakeholders to promote the efficient

functioning of the College. The staff and other stakeholders help in infusing a positive attitude that leads to increased efficiency, improved communication, heightened morale, motivation, and job satisfaction. Believing in decentralization, the Management takes policy decisions, finance, infrastructure, etc. with the help of members of the Advisory Committee. Believing in democratic values, the institution has decentralized and participative management. The fruition of this was channelized into many multi-disciplinary programs.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The Institution promotes participative management. Ideas pertaining to academic goals, organizational progression, and better campus life are collected from all stakeholders to promote the efficient functioning of the Institute. The staff and other stakeholders help in infusing a positive attitude that leads to increased efficiency, improved communication, heightened morale, and motivation. Believing in decentralization, the Management takes policy decisions, finance, infrastructure, etc. with the help of members of the Advisory Committee. Believing in democratic values, the institution has decentralized and participative management. In view of the strategic plans, the institute has a perspective plan of advancement. This arrangement is made according to the necessities of the students and so as to oblige the requirements of the institute and the society. The strategic plans for the year 2020 – 2021: conduct of Induction program –Deeksharambh & Faculty Maturation Program - Gurudakshta, Effective teaching and learning through ICT, Enhanced research Publication, and Ensure Outcome-based Curriculum Framework for all the programs. Students' academic excellence, empowerment, and welfare are of prime importance. One of the successfully Implemented tasks is the enhancement of Research Publication and the MGR 999 challenge paved a major role to achieve this plan

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institute has the vision to be a center of excellence in Education and Technology committed to the socio-economic advancement of the country. The leadership of the Institute is through participative management all the way through a structured organizational system with the involvement of all the Stakeholders. The management reviews the institutional strategic plan which in turn sets the academic aims and objectives of the institution and identifies the financial and recruitment strategies. Various stakeholders of the institute are members of different committees constituted by the institution. The decision-making procedures are made at appropriate levels in the organizational hierarchy.

As per the guidelines, IQAC Cell, Anti-ragging Cell, etc. are also in place for the institution. A committee comprising of administrative staff and faculty members is involved in the planning and implementation, academic audit, and evaluation. The recruitment process is carried out according to the norms of the Institute, and the candidates are recruited based on their performance in Interviews. The institution follows transparent promotional policies previously through Appraisal forms and through Academic Performance Indicators (API). The grievance redressal committee looks into the matters related to grievances of staff and students. Also, every student has been assigned a mentor.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The Institution strictly follows the service rules according to the norms. The recruitment process is carried out according to the norms of the Institution, a body comprising of the Institution's representative, management representative, Faculty Dean and Head of the Department who is also the subject expert decides the worthiness of the candidates by his/her performance in the interview. The teaching and non-teaching staff have the benefits of ESI, PF, and other benefits as applicable. The institution follows transparent promotional policies previously through Appraisal forms and through Academic Performance Indicators (API) henceforth. Regular student feedback on improving the quality of the teaching-learning process as well as Institutional governance is taken twice a semester for timely corrections. This feedback is analyzed and discussed with concerned faculty in the presence of the Head of the Department.

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

755

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

31921

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

1667

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Institute maintains & follows a well-planned process for the mobilization of funds and resources. The finance committee headed by the Chairman of the committee (Vice-Chancellor) conducts meetings to approve the financial budget of the University and the Audited Financial Statement of the University. Before the financial year begins, the Institutional Budget is prepared · The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationery & other maintenance costs. · It includes planned expenses such as lab equipment purchases, furniture, and other development Expenses. · The budget is scrutinized and approved by the top management and Governing Council. · Accounts department and Purchase department monitor whether expenses are exceeding budget provision. Optimal utilization of resources: The Institution aims at promoting research, development, consultancy, and other activities, involving the faculty at various levels. The faculty, who exhibit initiative and receive substantial grants for R&D works or for strengthening the infrastructure in the institute would be encouraged and will receive a special commendation. Effective utilization of infrastructure is ensured through the appointment of adequate and well-qualified lab technicians & system administrators. The optimal utilization is ensured by encouraging innovative teaching-learning practices.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

5

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.4 - Institution conducts internal and external financial audits regularly

The University has Internal Audit System for all Faculty/ Departments and an External Statutory Audit system headed by a Chartered Accountant. All the financial statements, Books of Accounts are audited regularly by a Chartered Accountant. The Accounts of the Institutions are filed with the Income Tax Department every year regularly and on time.

File Description	Documents
Upload relevant supporting document	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

Our Institution attempts to chisel out the total quality person through a persistent focus on imparting quality education, through its innovative, comprehensive, and flexible education policy. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning. The IQAC has immensely contributed to the implementation of quality assurance strategies and processes at all levels. The two examples of practices institutionalized as a result of IQAC initiatives are as

follows: Academic Audit through IQAC: The Institution takes an academic audit of each department and various committees every year through IQAC to increase and maintain the quality of education. The academic Audit Committee is set up for this purpose. Due to the implementation of such academic audits, it is found that all departments and committees have been constantly improving their curricular, co-curricular, and extra co-curricular performances. · Use and enrichment of ICT infrastructure: The use of ICT tools have become an integral part of the teaching-learning process. IQAC always encouraged teachers to utilize these tools in classroom teaching and laboratories. In teaching and learning, the feedback system is implemented to take the review reliability and uses of ICT facilities.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. Any 5 or all of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting documnent	[View File](#)

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

Post Accreditation Quality initiatives Institute was awarded an 'A' Grade by NAAC in the year 2016. Since then, several quality initiatives and actions on the observations given by NAAC have been successfully implemented with the active involvement of IQAC. Some of the prominent Academic and Administrative quality initiatives are as under 1. Institute has adopted an effective internal and external quality enhancement mechanism and is audited periodically for

improving the quality. 2. Institute is an ISO 21001 certified organization 3. Participation in NIRF 4. To enhance the quality of the teaching-learning process, a robust OBE system is incorporated. 5. Stakeholder feedback system is structured and streamlined. 6. With the objective of ensuring industry exposure to learners, the association of industry has been sought at different levels and in different domains to impart quality to the teaching-learning processes such as (a) Design and Development of Curricula (b) Co-teaching by industry experts (c) Industry offered courses (d) Industry offered projects (e) Internships in Industry 7. Major Initiatives for fostering research amongst faculty include · Incentives for research publications · Incentives for patents. · Financial and legal support for filing patents 8. Memorandum of Understanding (MoU's) with Foreign Universities / Academic Institutions / Industry.

File Description	Documents
Upload relevant supporting document	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institution Shows gender sensitivity through various initiatives and actions for creating a safe, secure, and healthy atmosphere on the campus. Sensitization is done through special lectures, awareness talks, and Celebrations. A two-day conference on Ethical & Social Moral values and Social & Gender equity was also organized to promote gender equity. Specific initiatives with respect to key areas are as follows · Safety and security Hi-Tech Surveillance system: E-Surveillance with high definition cameras are operated on the campus as well as in hostels to ensure the safety*Hostels: Separate hostels for boys and girls students exist on the campus. The behavior of students is monitored by the respective hostel wardens. Security personnel: The University has strong security personnel deployed all around the campus to create secure enrollment. Medical Facilities are available for the students and faculties · Counselling: The Institution has a system of mentoring for inculcating social, Moral, and ethical values. A separate girl's common room is created with facilities like indoor games, a first aid box, and newspapers. · Ladies' Gymnasium facility is available on the campus and hostel.

File Description	Documents
Upload relevant supporting document	[View File](#)
Annual gender sensitization action plan(s)	https://www.drmgrdu.ac.in/Infrastructure-amp-Facilities/511
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://www.drmgrdu.ac.in/Infrastructure-amp-Facilities/511

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The Institution facilitates several techniques for the management of degradable and non-degradable waste. The primary focus is to reduce, reuse and recycle the waste. The university has different bins to segregate different waste like solid, biomedical, etc. Actions are taken to avoid plastic items to the best possible capacity. For solid waste management, different bins have been placed in different departments. This ensures that solid waste is segregated at the source. Suitable techniques are applied for disposing of solid waste. The garbage generated is preferably treated at the site of generation. For biomedical waste, there is a classification of waste in hazardous and non-hazardous, and infectious. The waste like plastic disposables, liquid waste, and other things are again segregated then collected and kept in storage then transported, and finally sent for the treatment of disposal. For personal protection, it has been advised to use masks while handling the waste. Proper

safety measures like headgears, eye covers, apron, gloves, and boots usage are ensured. Care has been taken to immunize against Hepatitis B. The Institution also has a Wastewater recycling system.

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus	**A. Any 4 or all of the above**

recognitions/awards

5. **Beyond the campus environmental promotional activities**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and setting communal harmony. The Institute has adopted Thiruverkadu village and conducted awareness camps for energy conservation and replaced the conventional lights with LED bulbs in the locality. The various departments of the Institutions conduct seminars, workshops, and outreach programs to promote communal harmony and tolerance. Theseextension activities aretargeted toward enabling a holistic environment for student development. The Institute celebrates world cancer day, International Women,s day and Doctors day. A blood donation camp is annually organized where faculties and students contribute voluntarily by donating blood for the noble cause of serving society. The Institution also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs. To cater to linguistic diversity, all student-related competitions like Essay Writing, Elocution are conducted in

languages like Tamil and English.

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The Institution undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties, and responsibilities of the citizens. On 5th March 2021, a webinar was organized on provisions in the Indian constitution for women empowerment where the participants were enlightened about human dignity, equality, Social justice, Human rights and freedom, Rule of law, equity and respect, and superiority of the constitution in the national life. Every year Independence Day and Republic day are celebrated every year by unveiling the flag. During the celebrations, the struggles for freedom and the Importance of the Indian constitution are highlighted.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized	**All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates national and international commemorative days, events, and festivals. National festivals play an important role in planting the seed of Nationalism and Patriotism among the people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay

tribute to our great National Leaders. The Faculty, Staff, and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. Republic day- The institution celebrates Republic day on the 26th of January every year, commemorating the adoption of the Indian constitution and spreading the message that India is the largest democratic country in the world. Independence Day is celebrated every year on the 15th of August, parades and flag hoisting are organized and are celebrated to mark the freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices. International Yoga day is celebrated on 21st June every year. The yoga Instructor organizes the yoga camp and a speech is conducted to make everyone aware of how Yoga embodies unity of mind and body; thought and action; restraint and fulfillment.

File Description	Documents
Upload relevant supporting document	[View File](#)

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

1. Title of the Practice:

Promoting Research through Sir. C. V. Raman Journal club

2. Objectives of the practice:

The Objective of CVR JC is to update the current research topics with the students through JC Faculty members, to review the research progress, and to achieve quality research publications, indexed in SCI / WOS.

3. Context:

Research is instrumental in building and improving knowledge and supporting existing knowledge with verifiable facts, to facilitate learning, and a mandatory minimum publication requirement is needed in the academic setup for the up-gradation of the position.

4. The practice:

a) Plan to enhance the research publication was fixed as one of the

agenda in the 2020-2021 I Quarterly University IQAC meeting. Sir C.V Raman Journal club came out with a Publication incentive scheme of Rs.7, 58,800/- through which a total of 183 faculty members benefited.

b) Annual MGR Research Award function is arranged to appreciate research talents and for motivating the research spirit among the researchers, the winners are honored with awards.

5. Evidence of Success:

An increase in the number of Publications among various Departments.

6. The problem encountered:

Lack of collaboration for interdisciplinary research and Funded Projects

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

An institution's success depends on Research & Publication. Dr. M.G.R Educational and Research Institute, Sir CV Raman Journal Club ensures the Faculty and Student, promote critical thinking skills, dissemination of scientific information, and generate novel research ideas into publications. The purpose of JC is to facilitate the review of a specific research study and to discuss the implications of the study for practice. It also provides a platform to meet research Faculties, Research Scholars, UG/PG Students, and external research experts to observe the best practice with all. The Objective of CVR JC is to update the current research topics with the students through JC Faculty members, to review the research progress of the JC member, and to achieve quality research publications, indexed in SCI / WOS. The operation of CVR JC structures as Department wise JC Monthly Discussion Meeting, Organize promotional Events for Publication to the benefit of Faculty, Appreciate the Faculty Research Progress through MGR Research Awards, University JC meeting to be scheduled per Semester to review the Publications of the departments and Provide a platform to check the paper English Correction and Plagiarism. The Annual MGR Research Award ceremony is conducted to appreciate and motivate the research spirit among researchers.

7.3.2 - Plan of action for the next academic year

1. Dr. M. G. R. Educational and Research Institute have identified

the following plans of action for the next academic year. 2. To create an atmosphere for the holistic development of students, faculty members, and support staff. 3. To ensure physical and intellectual development as well as to promote sports activity. 4. To facilitate continuous up gradation of knowledge and use of technology by both the students and teachers. 5. To fulfill its social obligation in terms of formal and informal education, dissemination of knowledge, and organizing programs, and activities for the benefit of the community and other stakeholders. 6. To create awareness and initiate measures for protecting and promoting the environment. 7. To encourage and facilitate a research culture by promoting interdisciplinary research by students and faculty members. 8. To introduce some more job-oriented and skill-based courses. 9. To give additional thrust to campus placement initiatives. 10. To identify talent among students for various sports and cultural activities.