



## YEARLY STATUS REPORT - 2020-2021

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>		<b>GMR INSTITUTE OF TECHNOLOGY</b>
• Name of the Head of the institution	<b>Dr. C L V R S V PRASAD</b>	
• Designation	<b>PRINCIPAL</b>	
• Does the institution function from its own campus?	<b>Yes</b>	
• Phone No. of the Principal	<b>08941251592</b>	
• Alternate phone No.	<b>08941252944</b>	
• Mobile No. (Principal)	<b>9441406014</b>	
• Registered e-mail ID (Principal)	<b>prasad.clvrsv@gmrgroup.in</b>	
• Address	<b>G M R Nagar, G M R Institute of Technology</b>	
• City/Town	<b>RAJAM</b>	
• State/UT	<b>Andhra Pradesh</b>	
• Pin Code	<b>532127</b>	
<b>2.Institutional status</b>		
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>17/08/2012</b>	
• Type of Institution	<b>Co-education</b>	
• Location	<b>Rural</b>	

• Financial Status	<b>Self-financing</b>
• Name of the IQAC Co-ordinator/Director	<b>Dr. Govinda Rao Locharla</b>
• Phone No.	<b>08941251593</b>
• Mobile No:	<b>9440541768</b>
• IQAC e-mail ID	<b>iqac@gmrit.edu.in</b>
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="http://www.gmrit.org/AQAR2019-20.pdf">http://www.gmrit.org/AQAR2019-20.pdf</a>
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://115.241.205.4/gmritnew/AQAR2021/Proof_2.3.4(A)_Academic_Calendar.pdf">http://115.241.205.4/gmritnew/AQAR2021/Proof_2.3.4(A)_Academic_Calendar.pdf</a>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 3</b>	<b>A</b>	<b>3.06</b>	<b>2021</b>	<b>20/10/2021</b>	<b>19/10/2026</b>
<b>Cycle 2</b>	<b>A</b>	<b>3.16</b>	<b>2015</b>	<b>14/09/2015</b>	<b>20/10/2021</b>
<b>Cycle 1</b>	<b>A</b>	<b>3.24</b>	<b>2010</b>	<b>28/03/2010</b>	<b>27/03/2015</b>

**6.Date of Establishment of IQAC****04/02/2009****7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
<b>GMR Institute of Technology/Chemical Eng./Dr Deepshika Datta</b>	<b>POWER</b>	<b>SERB</b>	<b>18/03/2020</b>	<b>2874000</b>

<b>8. Provide details regarding the composition of the IQAC:</b>	
<ul style="list-style-type: none"> <li>Upload the latest notification regarding the composition of the IQAC by the HEI</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	<b>4</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
Submitted the AQAR 2019-20, NAAC SSR for 2015-20, NBA Pre-qualifier report for six programs during the academic year	
Conducted two academic audits, two ISO audits during the academic year	
Monitored the effectiveness of the online teaching-Learning practice through ICT tools like graphic tablets, Microsoft Teams, etc.	
Organized the programs on quality issues for teachers and the students of the institute.	
Initiated the collaborative quality activities to enhance employability skills such as Wipro Future skills, NASSCOM, Blue Prism, etc.	
<b>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</b>	

Plan of Action	Achievements/Outcomes
To submit the AQAR 2019-20 by November 2020	AQAR 2019-20 is submitted during February 2021 & got accepted
To submit the NAAC SSR by September 2020	NAAC SSR is submitted during December 2020
To sensitize the students on responding the NAAC Student Satisfaction Survey	Conducted two online meetings per department and 12.5% of the students participated in NAAC Student Satisfaction Survey
To prepare and submit the pre-qualifier report of NBA for six programs by April 2021	Pre-qualifier report of NBA for six programs are submitted by April & got accepted
To enhance the effectiveness of the remedial classes for slow learners	Introduced the track sheets leading to the increase of pass percentage
To conduct the IQAC academic audit & ISO audits	Two academic audits & Two ISO audits are conducted
To enhance the employability skill development programs across all the departments	Organized 34 activities related to Wipro Future skills, NASSCOM, Blue Prism to enhance the employability skills.
To review and revise the feedback forms from the stakeholders	New feedback forms have been developed
To define SOPs to ensure & enhance the effectiveness of online classwork and examinations	SOPs are defined and deployed for effective online class delivery and the conduct of examinations
To have review meetings for achievement of KPIs	Introduced the goal sheets for HoDs
<b>13. Was the AQAR placed before the statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name of the statutory body	Date of meeting(s)
Academic Council Meeting	11/09/2021
<b>14. Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Year</li> </ul>	
Year	Date of Submission
31/01/2022	31/01/2022
<b>15. Multidisciplinary / interdisciplinary</b>	
<b>16. Academic bank of credits (ABC):</b>	
<b>17. Skill development:</b>	
<b>18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)</b>	
<b>19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):</b>	
<b>20. Distance education/online education:</b>	

## Extended Profile

### 1. Programme

1.1

13

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

**2.Student**2.1 3710

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 728

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 3652

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

**3.Academic**3.1 630

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2 225

Number of full-time teachers during the year:

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1	<b>13</b>
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>2.Student</b>	
2.1	<b>3710</b>
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>
2.2	<b>728</b>
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.3	<b>3652</b>
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	<b>630</b>
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2	225
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3	257
Number of sanctioned posts for the year:	
<b>4.Institution</b>	
4.1	398
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	76
Total number of Classrooms and Seminar halls	
4.3	1321
Total number of computers on campus for academic purposes	
4.4	660.18
Total expenditure, excluding salary, during the year (INR in Lakhs):	

## 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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Keeping in mind the institute's short and long term goals, the vision and mission statements were evolved contributing to local, national, regional and global developmental needs. Curriculum development and revision is being done by obtaining feedback twice a year from all the stakeholders (alumni, industry, academia, professional bodies etc.) addressing the above needs to reflect in the Program Outcomes (POs) and Program Specific Outcomes (PSOs).



The feedback is deliberated in the subsequent Boards of Studies meetings and the changes are made in the curriculum from time to time to ensure its development and revision is done complying with POs. Further, aligning with the OBE philosophy the POs, the Course Outcomes (COs) are formulated by giving due weightage to the collated feedback ensuring the curriculum framework focusses on experiential learning, self-study, collaborative learning and other similar student centric learning experience. The Program Specific Criteria (PSC) is formulated in line with the recommendations of the respective professional society viz. ASME, ASCE, IEEE, AIChE, ACM. The curriculum developed facilitates the faculties and students towards community engagement addressing local/regional community issues pertaining to the agricultural and industrial needs. The OBE framework for curriculum development and revision is shown Fig 1.1

**Figure 1.1 OBE Framework for Curriculum Development and Revision**

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	Nil

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

**NIL**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### **1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year**

**337**

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced across all programmes offered during the year

323

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

13

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

**Aligning with the AICTE model curriculum and affiliating**

university curriculum framework, the curriculum is designed and deployed integrating the crosscutting issues relevant to Professional Ethics, Gender, Human Values and Environment & Sustainability. Accordingly the relevant courses are introduced as audit and regular credited courses. As per the POs the graduates are expected to exhibit the work etiquettes while working as an individual, as a team member with/without other genders safeguarding the values and beliefs of the organization. Eventually, the curriculum prepares the graduates by providing adequate exposure to understand the need and importance for providing sustainable engineering solutions considering the triple bottom line of environment and sustainability i.e. environment, society and economics. The course content developed and deployed will enable the integrity and value system to be instilled in the minds of the graduates to sustain as a way of life. To ensure that the students are sensitized about the importance of ethics, gender diversity, human values, environment protection for sustainability, continuous activities are organized beyond the courses offered as part of curriculum. To supplement the curriculum the relevant activities organized include motivational lectures, gender diversity sensitization, professional integrity, awareness rallies on the environmental impact and other similar activities.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	<a href="#">View File</a>
Any additional information	No File Uploaded

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

16

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	No File Uploaded

<b>1.3.3 - Number of students enrolled in the courses under 1.3.2 above</b>	
<b>1128</b>	
File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>1.3.4 - Number of students undertaking field work/projects/ internships / student projects</b>	
<b>1689</b>	
File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>1.4 - Feedback System</b>	
<b>1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni</b>	<b>A. All 4 of the above</b>
File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://tinyurl.com/3x59f8dh">https://tinyurl.com/3x59f8dh</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
<b>1.4.2 - The feedback system of the Institution comprises the following</b>	<b>A. Feedback collected, analysed and action taken made available on the website</b>

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://tinyurl.com/2p8fen8c">https://tinyurl.com/2p8fen8c</a>
Any additional information	<a href="#">View File</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment of Students

##### 2.1.1.1 - Number of students admitted (year-wise) during the year

907

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

##### 2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

316

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

**Yes.**

At all the levels of the student's progression the students learning levels are assessed continuously to understand the technical competency of the students based on which, different special programs are designed and deployed for advanced learners and slow learners.

Programmes for slow learners:

Right from the beginning of the every semester students are continuously assessed for the learning levels through the internal/mid-term examinations. Based on the score secured by the students in the sessional examinations, students securing less than 40% are identified as slow learners.

1. The slow learners are appropriately guided during the make-up classes/Remedial classes to follow the video records of the specific topics
2. Additional assignments are conducted for slow learners
3. After every semester-end examination, remedial classes are conducted for all the students who could not clear the examination enabling them to clear the course in the following supplementary examinations
4. Track sheets are maintained for all the students who are appearing for the supplementary examinations and the classes are conducted to ensure the students clear the course
5. Beyond the remedial classes, the students are also counseled by the respective mentors to understand the personal reasons if any

#### Programmes for advanced learners

Based on the student's engagement in the classwork, the spirit of inquiry, involvement in tutorials, problems solving skills, active participation in the lab classes, enthusiastic participation in the various competitions, professional body activities and other co-curricular activities advanced learners are identified

1. Encouraged to take online courses offered from time to time based on the industry requirements and student's option
2. Institute provides the options of going for
  1. Full Semester Internship (FSI) in industries
  2. Research laboratories
  3. Universities abroad
3. Students are encouraged to give seminars on contemporary topics internally to nurture the report writing and presentation skills
4. Irrespective of the branch, students are encouraged to develop computer programming skills to meet the market demand
5. Institution facilitates the Special coaching classes for higher education and competitive examinations

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
05/10/2021	3846	225

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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:

Yes. The curriculum has been designed meticulously to provide different types of student-centric learning experiences for the learners right from the beginning of the first semester onwards. Different types of learning experiences are introduced in such a way that the learners get experienced based on the students' progression. The learning experiences as furnished below in table 2.3.1.1. include experiential learning, Project-based learning (PBL), Layered learning, self-learning, Interactive & Collaborative learning, Guided & Inclusive learning, Contemporary learning, and Participative learning. Table 2.3.1.1. The learning experiences

S.no Student-centric methods List of courses 1 Self-directed learning 1.

1. All units are built in self-study topics and are italicized to differentiate in the syllabus
2. Students also have the full flexibility of opting full courses on self-study mode from the list of courses incorporated in the curriculum as well as MOOCs
3. Term paper

2 Layered learning In all the semesters from 3rd to 6th an

integrated course is kept as mandate across all the departments with a focus to make all the courses similar in nature possible extent in the long run 3

#### Experiential learning

Summer internship Full semester internship 4 Project-based learning Augmented experiments in all Laboratory courses 5 Interactive learning Tutorials in all courses where it is possible 6

#### Collaborative learning

1. Laboratory courses
2. Augmented experiments in all Laboratory courses
3. Mini-project and term paper
4. Full semester internship

#### 7 Participative learning CTLP

The percentage distribution of prominent learning strategies adopted across the curriculum is depicted in the info graph Fig. 2.3.1.1

Fig. 2.3.1.1: Learning strategies

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Yes.

The class room ambience and the teaching leaning process are technologically enabled with the use of ICT tools and services for effective teaching and learning process. Following are the ICT resources and services that are being deployed.

1. Customized digital learning platform with static learning



resources, and video courses to supplement the classroom delivery

2. NPTEL courses and access to Swayam portal with an intention of providing flipped class room environment
3. Online classes and expert talks through various video conferencing applications
4. Virtual laboratory class using cloud services viz. AWS, Lab VIEW, MS Azure
5. Usage of online coding platform for computer programming laboratories
6. Digital Library for 24x7 access to online books, journals, magazines and other learning resources through DELNET
7. Wi-Fi enabled campus with 1GB bandwidth
8. Roof mounted LCD projectors, Smart boards, interactive projectors and interactive class rooms

In addition to the above, other technology interventions are also deployed to create a digital academic resource planning system which includes the following.

1. Campus management system with Dynamic web reporting (Admissions, Classwork, Assessment)
2. Examination management system
3. Aadhar based biometric attendance system
4. Dedicated IT support systems for the maintenance of the teaching-learning resources
5. Hostel management system with gate pass issue with SMS tracking facility
6. SAP for Accounts, Finance, HR and Purchase departments

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://tinyurl.com/yeb3fpev">https://tinyurl.com/yeb3fpev</a>
Upload any additional information	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues

#### 2.3.3.1 - Number of mentors

184

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

##### Preparation of Academic Calendar:

Academic calendar is planned ensuring compliance with UGC regulations by having minimum of 90 working days in each semester. However, in line with the affiliating university JNTUK Kakinada guidelines, a minimum of 20 weeks of course delivery is planned in a semester following the L-T-P structure. Academic calendar is maintained uniform for all the years of study other than first year and the compliance is ensured by the IQAC. Also the calendar captures schedules of all the co- and extra- curricular events and academic audits as per the requirements of IQAC. The finalized academic calendar will be posted on the well in advance before the commencement of the academic year.

##### Course Plan, Delivery and Monitoring:

Based on the academic calendar the HoDs allocates the courses for the members of the faculty well before the commencement of the semester to enable the faculty members to plan and prepare their curriculum delivery. The institute has a standard operating procedure for allotting the courses to the members of faculty based on the subject proficiency, specialization, and previous track record of that particular faculty. Subsequent to the allotment of the course and preparation of the course plan, the same will be vetted by the senior members of the faculty who have already handled that particular course.

Further, the timetable coordinator prepares the timetable for the forthcoming semester as per the L-T-P pattern as prescribed in the curriculum. In line with the timetable, the concerned members of faculty prepare/update the lecture plan for their respective courses indicating the details of the mode of delivery. As per the OBE philosophy, faculty members follow a standard template for all the lecture plans and will be uploaded in the LAN portal well before the commencement of the class work. For effective course delivery and continuous improvement Program Coordinator/HoDs also

will share the feedback received from the course instructor of the previous batch of students.

#### Figure: 2.3.4.1 course plan

In multi section courses, the course coordinator will ensure the quality and uniformity in delivery on a weekly basis. To ensure the effectiveness of the curriculum implementation, the department conducts the Academic monitoring committee meetings comprising of all the course instructors, HoD and student representatives. The AMC addresses the issues like the syllabus coverage, the technician support during Lab/project, Special care of faculty towards slow learners, difficulty in leaning with any of the courses, the mentoring process , over or under emphasize on, ICT tools, clarification of the students' doubts, the courses opted over and above the graduation requirements etc.,. Based on the minutes of the AMC, corrective measures are initiated, documented and ensured by the IQAC. Apart from AMC, twice in a semester feedback is collected for all the teachers. Any observation made out of the feedback is communicated to the respective faculty members by the HoDs for corrective measures and compliance. To strengthen the curriculum delivery and to give practical insights of the courses taught, the guest lecturers from industry experts and academicians are organized.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

225

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	No File Uploaded

**2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year****130**

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)****1736**

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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****Nil**

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year****12**

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

All the pre and post semester end examination process viz. registration of the students and courses, generation of hall tickets and OMR sheets, scanning of marks, grading and grade memo generation are implemented through automated software. The performance of the students in continuous assessment and students' attendance is continuously monitored and updated to the parents periodically through the dynamic web reporting system.

Examination procedures:

Reforms during pre- examination processes:

- Standardized and foolproof question paper template is being used while inviting the question papers from the external/internal subject experts. The template ensures that all the learning levels as per the Bloom's taxonomy are assessed inline with the OBE philosophy.
- Multiple sets of question papers are invited well before the commencement of examinations and the question paper moderation committee randomly picks one question paper in the presence of the CoE ensuring the compliance.
- Question paper moderation committee comprising of the course coordinator and senior faculty members shall scrutinize the question paper to ensure the concurrence of the questions inline with the syllabus.

Reforms during the examination:

- To avoid proxy during examination and coding & decoding, barcode for the registration number is introduced in addition to the printed photograph of the student in the OMR sheet.

**Reforms during post-examination:**

- Question wise assessment is done to ensure the uniform and consistent evaluation of all the scripts.
- Subject chief evaluator shall pick-up randomly five scripts for second valuation to ensure the consistency of the assessment process.

**Processes integrating IT**

- Inclusion of seminar project, assignment, seminar presentation etc. as components of evaluation.
- Hybrid grading system is followed by having both earned grades (A+ and F) and awarded grades (A to E). Awarded grades are allocated based on the histogram and course average.
- For the easy access to the students and parents, all the semester end results are posted on the institute website within 10 days.

**Continuous internal assessment system**

- Continuous internal assessment is done through conducting various tests from time to time.
- Two descriptive mid semester exams , one assignment tests and a mid-practical exam are conducted for each paper of the subject in each semester
- In between, Review on the project and term paper is also conducted.
- The physical copies of the mid semester answer scripts along with the marks are given students in educate them in their presentation skills.
- The performance of the student in MID exams and final exam is analyzed and appropriate follow-up action is through makeup classes and remedial classes respectively.
- To assess the higher order thinking levels as well as the depth of understanding of a particular course in the continuous assessment process, open book examination is introduced.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Yes.

The stated POs and COs are disseminated to all the stake holders of the institute through Academic regulations, College website, Displays at the departments, LAN portal, Course handouts. Apart from this, Program outcomes are made reachable to all the students & faculty through sensitization, induction programs, etc.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of COs, POs is evaluated by the institution by deploying the direct assessment tools and indirect assessment tools. The continuous assessment during the semester is done by conducting three assessment tests. The attainment of each CO of the course is calculated based on the percentage of the students scoring more than the class average marks. To calculate the CO attainments for each of the courses, an appropriate tool is developed mapping the marks secured in each of the questions that are contributing to COs. The overall CO attainment is the weighted average calculated based on the questions contributing to COs.

Program articulation matrix is developed by mapping all the representative courses with respect to POs and PSOs. Mapping of the overall CO of the particular course with POs & PSOs is done at three levels 1, 2, 3. Further each PO attainment is calculated based on the weighted average of the levels of CO contribution and number of courses contributing. Alumni, Employer and Student surveys (Program Exit Survey) are taken as indirect tools for the measurement of POs and PSOs. The direct assessment tools and indirect assessment tools are used with a weightage of 85% and 15% respectively.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

### 2.6.3 - Pass Percentage of students

#### 2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

821

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://tinyurl.com/zm8dr8ze">https://tinyurl.com/zm8dr8ze</a>

### 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 weblink

<https://tinyurl.com/z85rn5c>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

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

Yes.

Institution research facilities are updated frequently and well defined policy is in place to promote research among the faculty members.

Research Facilities:

- More than 60% of the faculty members across all the



departments are Ph.D. qualified and actively pursuing research.

- Research equipment worth Rs. 3 Crores (Approx.).
- Grants of worth Rs. 2.23 Crores (Approx.) received towards research from various funding agencies.
- JNTUK Kakinada has recognized four of the departments as research centres.

#### Research promotion:

- Research mentorship through senior scientist and academicians
- Research incentive schemes and monetary benefits are provided in the name of Faculty development and assessment scheme (FADS)
- One month paid academic leave for the faculty members at the time of submission of their thesis
- For the A.Y: 2020-21, more than 300 papers got published in SCIE/SCOPUS/UGC.

#### National and International collaborations:

The institution has signed MoUs with reputed universities and Industries across the globe to enhance the academic and research activities.

- Luca Industries International, Germany
- Dassault Systems India Pvt Ltd in association with APSSDC
- Talent Sprint Private Limited
- Wipro Talent Next
- APSSDC NAASSCOM Future Skills
- SIEMENS in association with APSSDC

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="http://115.241.205.4/gmritnew/AQAR2021/3.1.1(B)%20Policy%20for%20Faculty%20Assessment%20and%20Development%20Scheme.pdf">http://115.241.205.4/gmritnew/AQAR2021/3.1.1(B)%20Policy%20for%20Faculty%20Assessment%20and%20Development%20Scheme.pdf</a>
Any additional information	<a href="#">View File</a>

**3.1.2 - The institution provides seed money to its teachers for research****3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)****4.04**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year****00**

File Description	Documents
e-copies of the award letters of the teachers	<b>No File Uploaded</b>
List of teachers and details of their international fellowship(s)	<b>No File Uploaded</b>
Any additional information	<b>No File Uploaded</b>

**3.2 - Resource Mobilization for Research****3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)****223.71584**

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	No File Uploaded

**3.2.2 - Number of teachers having research projects during the year**

12

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.gmrit.org/research_projects.htm">http://www.gmrit.org/research_projects.htm</a> 1
List of research projects during the year	<a href="#">View File</a>

**3.2.3 - Number of teachers recognised as research guides**

130

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

**3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year**

6

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="http://www.gmrit.org/research_projects.htm">http://www.gmrit.org/research_projects.htm</a> <a href="#">↓</a>
Any additional information	<a href="#">View File</a>

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

**Yes .**

The institution has the system in place enabling to create an eco-system for innovation and transfer of knowledge through the respective Research centers, Entrepreneurship and incubation center, Community oriented initiatives.

**Research centers:**

All the departments have dedicated research facilities enabling both faculty and students to initiate and take up research projects related to Fundamental & Conceptual research, Process research, Material research and Product research. Based on the research profile of the faculty members, different research groups are formed to promote inter disciplinary research in the areas of AI, IoT, Robotics & Mechatronics, Adaptive control systems, 3D Printing and Additive manufacturing. Further eco-system system is strengthened by enabling UG and PG students to participate in various competitions to hone their Research & Analytical skills. To inculcate the culture of publishing technical articles, both UG & PG students are encouraged to publish their final year project work.

**Entrepreneurship development cell (EDC) and Incubation:**

The institute has EDC sponsored by AICTE since 2006 with an objective of promoting entrepreneurship skills among the students by organizing guest lectures. Every year the institution felicitates the successful alumni entrepreneurs on the world entrepreneurship day to inspire the budding engineers. Further to promote entrepreneurship, successful entrepreneurs, bankers &

financing agencies and the department of industries are invited from National productivity Council (NPC) and MSME.

MSME, Ministry of industries identified the institution is as Business Incubation Center (BIC) in the year 2011 to motivate, support and mentor students for identification, development and commercialization of their innovative ideas. Later during the year 2019, MSME with a modified/revised regulations, identified the institution as Host Institute (HI) under the scheme "Support for Entrepreneur and Managerial Development of MSMEs through Incubators". Under this scheme the institution has recommended and forwarded the projects to MSME for further scrutiny.

To nurture and foster the integration of academics with industry and promotion of Entrepreneurship competencies among the students, institution has provided a dedicated space on the campus to enable new startup companies by providing services like training, office space, executive support for firm registration, Technology and infrastructural support. Along with final year students, BIC encourage also the start-ups coming from the Students/Staff/Alumni/ of GMRIT and from the community in and around GMRIT addressing the local and regional needs.

Community oriented initiatives:

To instill the value system of giving back to the society among the students, several initiatives have been taken up by involving the students to promote the social entrepreneurship. Apart from the formal bodies like NSS and UBA, the institution also promotes the engagement of the students in the community development through activities like Gamyam and Community Radio. Institute has taken the initiative for building awareness among the population within 15 km diameter on variety of issues ranging from child health care, to employment viz. importance of safe drinking water, personal hygiene, disadvantages of open defecation, Girl child education, implications of malnutrition and higher education & Employment opportunities of the youth through GMRIT Community radio broadcasting at 90.4MHz.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://115.241.205.4/gmritnew/ssr/criteria-3/3.3.1/Additional_Info_3.3.1(a)%20-Initiatives%20for%20research%20promotion.pdf">http://115.241.205.4/gmritnew/ssr/criteria-3/3.3.1/Additional_Info_3.3.1(a)%20-Initiatives%20for%20research%20promotion.pdf</a>

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

Nil

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software**

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

#### 3.4.2.1 - Number of PhD students registered during the year

8

File Description	Documents
URL to the research page on HEI website	<a href="http://115.241.205.4/gmritnew/AQAR2021/3.4.2-List%20of%20Faculty%20along%20with%20the%20names%20of%20Research%20scholars.pdf">http://115.241.205.4/gmritnew/AQAR2021/3.4.2-List%20of%20Faculty%20along%20with%20the%20names%20of%20Research%20scholars.pdf</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

313

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

64

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://tinyurl.com/3yrzh8as">https://tinyurl.com/3yrzh8as</a>

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

#### 3.4.5.1 - Total number of Citations in Scopus during the year

1274

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<a href="#">View File</a>

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

#### 3.4.6.1 - h-index of Scopus during the year

36

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

#### 3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

7.49

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0.84 Lakh



File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institute encourages and promotes the students' participation in the neighborhood community for the holistic development through NSS, Swatch Bharath Abhiyan (SBA). The NSS unit of the institution organized special camping programs in the villages in and around by motivating the public addressing the problems related to self-hygiene, cleanliness, public health and communicable diseases etc. To sensitize the public living in those villages NSS volunteers conducts rallies, demonstrations and awareness programs on the issues of the local interest. The institute involved in the distribution of COVID-19 safety essentials to the neighborhood community. As part of this activity, 500,000 of disposable face masks, 50,000 face shields, 10,000 safety keys, 10 sanitizing dispensing machines, 30 intubation boxes and many other essentials to sensitize the students to the social issues.

Under MHRD's Mahatma Gandhi National Center for Rural Education (MGNCRE) initiative, Swatchatha action plan is implemented by organizing various programs viz. Sanitation and hygiene, Water management, Waste management, Greenery and Plantation, Energy management and Solar Power successfully. The

The institution also runs community radio 90.4FM by broadcasting the programs having community relevance in the fields of Health with a special emphasis on COVID-19, Agriculture, Education, Cultural arts and entertainment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

2

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	No File Uploaded

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

24

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

752

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 3.7 - Collaboration

### 3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

15

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

8

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The Institution has adequate infrastructure and physical facilities such as classrooms, laboratories, computing equipment, etc. in sufficient number in compliance with the AICTE norms facilitating the teaching and learning process, as narrated below.

- The institution is located in a lush green campus spread over 150 acres catering to the needs of both academic and residential requirements.
- All the academic facilities for all the UG & PG programs are accommodated in six standalone academic blocks with a staggered layout.
- All the classrooms across the campus have standard dimensions to accommodate 75 students and are provided with audio visual and projection facilities.

- All the computer laboratories are equipped with an adequate number of computers with the licensed software. All the systems across the campus are on LAN and Wi-Fi equipped with a bandwidth of 1GB.
- All the faculty members are provided with desktops/ Laptops and other ICT facilities supporting the teaching learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

Apart from academics, the institution is also very much keen in building physical and mental health of the students for holistic development. The physical fitness and health of the students is ensured through regular sports and games while the mental health is sustained by Cultural, Yoga and Meditation sessions. Regular Yoga and Meditation sessions are conducted for the interested students at Swami Vivekananda Center for Human Excellence and Heart fullness meditation center in the institute. The indoor and outdoor sports facilities include air-conditioned Aerobics Centre, courts for Shuttle Badminton, Basketball, Ball Badminton, Throw ball and Volleyball, grounds for Football, Kho-Kho, Cricket (2 with cricket nets), cricket ground and Bowling Machines with auto feeder (two), 6 Lane 400mts synthetic running track and a Long Jump pit.

Table: Infrastructure facilities available in the institution to promote various activities:

S. No.

Facilities

Area (Sq. m)

1

Auditorium

152.11

2

Yoga & Meditation Center

98

3

Student Activity Center (SAAC)

220

4

Gymnasium

428

5

Indoor Sports

1040

6

Outdoor Sports

56273

Further, all the above said facilities are effectively used to cater the needs of various internal stake holders in a structured way and were ensured by the department of physical education.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

76

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

1.93

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

GMRIT has spacious Knowledge Resource Centre (Central Library) located at block-4, spread over three floors with seating capacity of 500 users. It is automated with Libsys-4 library management system since the academic year 2005. The Integrated Library Management System (ILMS) supports in house operations of Acquisition, Cataloguing, Circulation, Serials and OPAC through a dedicated server. The library has a rich collection of 69,037 volumes with 20,537 titles.

ILMS is upgraded to Libsys-7 version in the year 2016 to cater the Web centric LIBSYS & LMS on Linux (RHEL) platform, 5 Housekeeping Clients and 25 user licenses for Web OPAC. AMC is there in place to maintain the software periodically. It has the modules viz. Cataloguing, Web-OPAC, Circulation, Journals/Periodicals, Biometric, etc. facilitating Barcoded circulation, reservation of documents, notifications of the transactions.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.2.2 - Institution has access to the following:  
e-journals e-ShodhSindhu Shodhganga  
Membership e-books Databases Remote  
access to e-resources**

**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**

**15.62**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**

**4.2.4.1 - Number of teachers and students using the library per day during the year**

690

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institute has a well-defined IT policy for providing the services to students and faculty members. A dedicated IT support team with the support from all the departments will plan, execute, maintain and monitor all the facilities pertaining to campus networking and IT infrastructure. The institute has a structured campus network on LAN with OFC backbone supplemented by Wi-Fi environment across the campus and hostels. Also, antivirus endpoint protection and Content Keeper ensures the cyber security. The various IT services and application portals supported by the IT help desk are

- Support in Planning, Procurement and Installation of the IT infrastructure in the respective departments
- Network maintenance
- Troubleshooting Test and repair
- 24x7 monitoring of login authentications
- Maintenance of all the servers hosting the Campus Management System (CMS), Library management system, Online gate pass system, Campus & Classroom surveillance system
- Manages Digital signage, Touch screen kiosks, Video conferencing and all the official websites.

For general IT infrastructure maintenance and specific preventive maintenance, inventory is maintained in house to reduce the breakdown period of the IT support. Every year, the IT support team will have an annual operating plan and accordingly budget allocations are being done.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Student - Computer ratio**

Number of Students	Number of Computers
3710	1321

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	No File Uploaded

**4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

A. All four of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

**4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)**

208.3

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	No File Uploaded

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

A well-organized team is in place at Estate office to maintain all physical facilities. The Estate department having the expertise in all the trades shall carryout periodic and preventive maintenance of the respective infrastructural facilities across the campus. During the summer and semester break, all the major maintenance works that are notified by the respective departments will be taken up and executed by the estate department to ensure seamless academic operations.

The maintenance of all the general amenities like drinking water, uninterrupted power supply, Roads & Street lights, Washrooms, Food courts & Canteen is undertaken by the Estate office from time to time. The campus has power backup supported by 1MW solar power plant and 1000KVA DG sets with a changeover less than a minute. All the crucial equipment across the campus after completing the warranty period as an initiative of the preventive maintenance are put under annual maintenance contract (AMC). Further, calibration of the equipment used for the consultancy works in the respective departments is done periodically to ensure the compliance with certification.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**STUDENT SUPPORT AND PROGRESSION****5.1 - Student Support**

**5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year****2084**

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year****249**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 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
Link to Institutional website	<a href="https://bit.ly/3CNHfrP">https://bit.ly/3CNHfrP</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year****3710**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of outgoing students who got placement during the year

**434**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of outgoing students progressing to higher education

27

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	No File Uploaded

### 5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

#### 5.2.3.1 - 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

22

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The following committee are in place for the above said purpose.

**Academic Monitoring Committee:** The class committee meeting is organized at the department level with the head of the department seeking suggestions to improve the overall academic performance in

the department.

**Placement Committee:** Career Development Center (CDC) takes care of organizing Internships, Guest lectures, Placement training, and Campus recruitments and students are involved in organizing.

**Professional Bodies:** GMRIT has institutional membership with various professional bodies like IE, IETE, CSI, ISTE etc. Apart from this all the respective departments have the students' chapters affiliated with the professional bodies' viz. ACM, IICHE, IGBC, and SAE

**Entrepreneur Development Cell (EDC):** EDC regularly conducts activities related to entrepreneurship training and motivational classes by inviting the various successful entrepreneurs and GMRIT alumni.

**Anti-Ragging Committee:** Anti-ragging committee is formulated as per the guidelines of UGC and AICTE. The composition includes student members across all the years.

**Women empowerment cell:** To promote the leadership qualities and to enable girls student growth as individuals the institution is having a well-established womenempowerment cell.

**Food Committee for Hostels:** To encourage participative management, students are involved in the food committees apart from the other members of the hostel administration.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://bit.ly/3uqeJIB">https://bit.ly/3uqeJIB</a>

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

69

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	No File Uploaded

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The institute has a well-established alumni association and network (Beacon-Reach out, reconnect and Revive) with an objective of creating a strong alumni interaction for the development of the institution. To enable the alumni association work effectively across the country alumni chapters are formed in different locations viz. Visakhapatnam, Hyderabad, Bengaluru and New Delhi. Every year alumni meetings are conducted regularly at least once at every location creating an opportunity for the re-union of the alumni. The CDC department with regular coordination with alumni association enhances the industry connect thereby increasing the footprints of the recruiters. In all the departments at least twice in a semesters senior alumnus are invited to the campus for addressing the students. Since inception, the institute has an overall alumni strength of 9000+. All the Board of studies (BoS) has a nominee from the respective alumni.

The alumni are actively engaged in the following activities viz.

- Curriculum development and revision
- Enabling the institute to connect to the concerned SMEs for getting summer and full semester internship program for the students.
- Deliver guest lectures on the recent advancements in the industries and career guidance to the students
- Support startups for the student projects

Supporting for the placements

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://115.241.205.4/alumni/index.aspx">http://115.241.205.4/alumni/index.aspx</a>

#### 5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

##### Nature of Governance:

To realize the vision and mission, the institution follows a system-driven and participatory mode of governance with all stakeholders participating actively in its administration at different levels with accountability. The apex body "Governing Body" with regular reviews ensures the effective functioning of the key administrative leaders viz. Director, Principal, Deans, and HoDs for the realization of the vision and mission.

##### Policy and Strategic Plan:

The local management periodically interacts with all the stakeholders and revisits the policies and strategies in a short and long-term perspective. Further, based on the gap analysis policies are revised and strategic plans are formulated in line with the mission of the institute. To nurture middle-order leadership, all the administrative positions are nominated on a rotation basis. Regular town hall meetings are conducted among the internal stakeholders once in a month collecting the opinion and feedback on the various standard operating procedures (SOPs)

##### Participative Governance:

To inculcate the culture of participative governance, the majority



of the internal stakeholders are being involved as members in various governance committees (IQAC, AMC, Anti-Ragging, AC, GC, BoS, etc.,) related to various staff and student development activities for the holistic growth of the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.gmr.it.org/Accreditations_AOAR2021.html">http://www.gmr.it.org/Accreditations_AOAR2021.html</a>

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

Effective leadership at the institution level is reflected by the combination of both the strategies i.e., top to bottom approach and bottom to top approach. This enables decentralization and empowers the faculty members towards participative management confining to the annual operating plan (AOP). The proceedings of the various committee meetings are periodically reviewed by the Principal and HoDs to ensure compliance.

All the key governance issues at the institution level are classified and segregated as independent departments and in-charges are nominated to work independently avoiding the conflict of interest (protecting the quality norms of the respective departments).

Case study on Continuous Assessment:

The institute is following a decentralized and well-structured system of conducting and evaluating continuous assessment at the department level. In the case of theory courses, the CoE asks two sets of question papers from the HoDs, and one set is finalized to conduct the assessment. The evaluation will be done uniformly (question-wise) by the involvement of the entire faculty who handled the course. The institute also following a regular practice of conducting a series of course coordinator meetings for each course and identified the slow learners at department level. The remedial classes are conducted for slow learners to improve the academic performance of the students.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.gmrit.org/Accreditations_AQAR2021.html">http://www.gmrit.org/Accreditations_AQAR2021.html</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institution has a well-defined strategic plan to review and enhance the key performance indicators (KPI) of the institution in compliance with the Mission of the institute. One of the KPIs is Placements & Higher Studies. GMRIT's Career Development Cell (CDC) plays a critical role in graduating the students' industry ready and it enables the students aware of the company-specific recruitment process by collaborating and coordinating with the companies at the back drop.

The curriculum is devised to cater to the industry needs with courses like C, Object Oriented Programming and Database Management Systems, etc., apart from core courses with the traditional and blended modes of delivery. Every student undergoes 300 hours of employability skills training to nurture the Soft skills, Analytical skills, Coding, and Technical skills apart from the Company-specific training. Encouraging for higher education, students are given separate GATE coaching by Subject Matter Experts. Further, the Entrepreneur Development Cell (EDC) of the institute trains and supports the interested students to establish their own start-ups. With the above strategic Initiatives, more than 725 placements are achieved in the current academic year with salary packages between Rs 3 lakhs and Rs 25 Lakhs Per Year.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.gmrit.org/Accreditations_AOAR2021.html">http://www.gmrit.org/Accreditations_AOAR2021.html</a>
Upload any additional information	<a href="#">View File</a>

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

The functioning of the institutional bodies is effective and efficient as visible from policies, administrative set up appointments, and procedures, etc. The institute has a very well-defined organizational structure in place. In line with the approved annual strategic plan, the institution administration including academic heads has full autonomy in executing the duties as per the SOPs. Further, various administrative positions are appointed without a gap to function effectively at various levels and the visionary leadership teams viz. CEO, Director, Principal, Associate Deans, and HoDs are continuously involved in promoting best practices for continuous improvement in accordance with the Vision and Mission of the institute. Institute policies promote the faculty members to participate in professional development activities which ultimately leading to institutional development. Figure 6.2 shows the institution's Organogram.

**Figure 6.2 Institution Organogram**

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="http://115.241.205.4/gmritnew/AOAR2021/6.2.2(A)-Organogram.pdf">http://115.241.205.4/gmritnew/AOAR2021/6.2.2(A)-Organogram.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.gmrit.org/Accreditations_AOAR2021.html">http://www.gmrit.org/Accreditations_AOAR2021.html</a>

**6.2.3 - Implementation of e-governance in areas of operation: Administration Finance**

A. All of the above

## and Accounts Student Admission and Support Examination

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Yes, the Institute has well-defined welfare measures for teaching and non-teaching staff and a wide spectrum of avenues for their career development and progression. Table 6.4 shows the welfare schemes available for the faculty members and non-teaching staff. Further, the institution provides adequate scope for quality improvement and career development of the staff. Accordingly, HR policies were formulated and facilitating the staff to enhance their academic qualification (Ph.D.), professional development, and career progression.

The avenues provided for the staff:

- Internal Promotions facilitated to elevate them to a higher cadre
- For non-teaching staff, regular internal training programs are organized for professional development
- Incentives for the faculty members who are awarded Ph. D while working in the institute

Table 6.4 Welfare Schemes

S. No.	Welfare Measure	Beneficeries
1	Group Medical Insurance	340
2	Group Personal Accident	340
3	Group Term Insurance	340
4	Statutory Welfare Schemes	340
5	Children Education Fee Concession	71
6	Concessions for Medical Treatments	340
7	Campus Housing	111
8	Cooperative Credit Society	340

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.gmrit.org/Accreditations_AOAR2021.html">http://www.gmrit.org/Accreditations_AOAR2021.html</a>

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year**

34

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)**

153

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institution conducts internal and external financial audits regularly

The Institution has an internal financial and governance audit in the name of Management Assurance and Governance (MAG) audit every quarter. As a part of the MAG audit, all the finance-related transaction and governance SOPs are audited by an independent audit team.

1. Circular to all departments for raising AOP
2. AOP requirements sent by all departments to Accounts section including Lab renovation, furniture, Lab consumables, any other expenses
3. Accounts department, considering actuals of current Financial year up to December, last quarter's estimation and next year AOP projections - statement will be prepared
4. Meeting with Director, Principal, CFO - finalization of AOP at the internal level
5. Group Chairman Review
6. GMRVF Board of directors review - Final Approval
7. Material Receipt Note (MRN) raised by departments and sent to Accounts
8. Entry at Stores in SAP software
9. Purchase process

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.gmrit.org/Accreditations_AOAR2021.html">http://www.gmrit.org/Accreditations_AOAR2021.html</a>

### 6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists

**during the year (not covered in Criterion III and V) (INR in lakhs)****NIL**

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	No File Uploaded

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

Being self-financed, the institute is sustaining the revenue obtained from the tuition fee only. The institution runs depending on the annual operating plan (AOP) made based on the tuition fee revenue. The tuition fee is fixed by the government of AP for every three years based on the expenditure statement submitted by the institution. The management supports both the revenue and capital expenditure with the additional funds in case of any deficiency. GMR Varalakshmi Foundation (GMRVF) being a corporate social responsibility arm of the GMR Group, receives financial grants from its various business verticals. Most of the time the institution surplus fund available after the revenue expenditure will be utilized for the capital expenditure.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.gmrit.org/Accreditations_AQAR2021.html">http://www.gmrit.org/Accreditations_AQAR2021.html</a>

**6.5 - Internal Quality Assurance System**

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

**The Institution has a structured composition for the IQAC as per**

the objectives and roles and responsibilities of UGC with the following objectives and roles and responsibilities.

#### Objectives

- To develop a quality system for conscious, consistent, and catalytic programmed action to improve the academic and administrative performance of the College
- To promote measures for institutional functioning towards quality enhancement through internationalization of quality culture and institutionalization of best practices

Following are the post accreditation strategies initiated for quality assurance:

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.gmrit.org/Accreditations_AQAR2021.html">http://www.gmrit.org/Accreditations_AQAR2021.html</a>

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Yes.

IQAC has a structured review mechanism in place for periodic reviewing of Teaching - Learning Process, structures and methodologies of operations and learning outcomes through three major audit provision apart from ISO viz. Academic Monitoring Committee, Internal Audit Committee and External Audit Committee. IQAC trains the list of members identified for auditing as and when required enabling them for an effective auditing. IQAC through various sub-committees conducts regular audits with the help of both internal and external members from other national reputed institutions to make sure that teaching learning process has continuous improvements leading to the attainment of learning outcomes. The audits are carried out in a structured way with an opening and closing meeting with auditors briefing the SOP.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.gmr.it.org/Accreditations_AQAR2021.html">http://www.gmr.it.org/Accreditations_AQAR2021.html</a>

<b>6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Paste the web link of annual reports of the Institution	<a href="http://115.241.205.4/gmr.itnew/AQAR2021/Annual%20Report%202020-21%20highlighting%20the%20programs%20conducted.pdf">http://115.241.205.4/gmr.itnew/AQAR2021/Annual%20Report%202020-21%20highlighting%20the%20programs%20conducted.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

<b>INSTITUTIONAL VALUES AND BEST PRACTICES</b>
<b>7.1 - Institutional Values and Social Responsibilities</b>
7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year
<p>The management promotes gender equity in giving equal opportunities for the recruitment of teaching and non-teaching staff at all levels.</p> <p><b>Safety and Security:</b></p> <ul style="list-style-type: none"> <li>Women empowerment cell is established to sensitize all the women faculty and girl students about various safety and</li> </ul>

security issues.

- HR policy document of the institution has well defined sexual harassment policy to safeguard the women at the workplace.
- Institution organizes sensitization programs regularly to reinforce gender equity among all the stakeholders
- The entire campus including classrooms is on surveillance to reinforce the confidence levels in the minds of the female

**Counseling and Mentoring:**

- To resolve both academic and personal issues, an exclusive committee takes care of the girl students and women staff
- Regular motivational sessions are conducted for both women faculty and girl students by inviting the successful and popular women in the society

**Common Rooms and Sports facilities:**

- To create adequate privacy, exclusive common rooms are provided for the girl students in the academic blocks and library
- Separate timings for women and girl students are provided in the gym to give equal opportunity

**Support for working women:**

- The institution provides day care center (Crutch) taking care of the employee kids

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	Nil

**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
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

GMRIT established a sewage treatment plant (STP) for the reuse of wastewater for gardening purposes and sewage sludge as fertilizer. A "Biogas Plant" was put to use the food and kitchen waste from hostels to produce gas used for cooking in the hostel. "Sanitary Napkin Incinerators" in ladies hostel were setup for proper disposal. The most appreciated best practice is the "Pollution Free Thursdays" where no vehicle is allowed to move in the campus. The housewives and maids in quarters are given necessary awareness in maintaining a plastic free residential area. At the end, the existing Green office and residential practices with waste minimization dimensions such as Save Environment and adopt sustainability techniques, Use less paper and Practice recycling, Plastic free campus represent the multiple pronged approaches in promoting and strengthening the campus sustainability initiatives on waste minimization and management. Further, "Fume Chambers" also installed to manage chemicals and acids in the laboratories. In addition to the above, GMRIT is also focused towards conserving surface rainwater through "Rainwater Harvesting Pits" and maintaining watershed.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 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
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

### 7.1.6 - Quality audits on environment and energy 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 recognitions/awards
5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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 institution being a private self-financing affiliated autonomous college, it has a limited scope for having the students PAN India. However, to promote diversity among the students and faculty, the institution provides an eco-system and enabling environment for the co-existence of the people coming from different culture, region, linguistic and other socio economic**

diversities.

Institute encourages the community outreach of the faculty and students by involving them in various community related activities carried out with financial support. The institute also conducts outbound get together programs giving opportunity for the faculty members promoting the cross cultural interactions.

Similarly, to promote cross cultural interactions, national level programs are organized for both students and staff enabling the peer learning. In the similar lines, national level sports competitions are hosted by the institution giving opportunities to learn the best practices that exists across.

In order to ensure holistic development of students and staff, the institution encourages them to involve in community service to develop good citizenship. The outreach programs are conducted for the welfare of the society and to create awareness among students towards social issues.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

As per the Indian constitution, following are some of the prominent responsibilities of the citizens which were focused and initiatives were taken on the campus to promote and inculcate the same among the students.

- Develop scientific temper
- Preserve natural environment
- Strive for excellence
- Instilling the spirit of brotherhood and Promote composite culture
- Abide by the Constitution and respect national flag & National Anthem
- Defend the country and render national services when called upon

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized**

A. All of the above

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institute celebrates Days of national festivals, commemorative days various events and festivals.

- 24th Jan National Girl child day (India)
- 26th Jan Republic Day (India)
- 2st June International Yoga Day
- 15th Aug India's Independence Day

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

### Title of the Practice

Student Abroad Internship and exchange program

### Objectives of the Practice

- To facilitate the students to interact with the outside world and universities
- To provide the required skill set for students and make them industry ready

### The Context

GMRIT has achieved the milestone in students' excellence with vibrant MoUs across the globe viz the University of Petronas and Asia University. University of Petronas facilitates students for international full-semester internships. Asia University offers a student exchange program.

### The Practice

The internship program brings the best outcome from the students and the students can avail the best opportunity to enhance their skills and prove themselves as a newage engineers. The practice includes the following steps:

- Open call to the students who are interested to avail the opportunity
- Offers letters will issued to the eligible students
- Students will study in the host university for the stipulated time



- The continuous assessment will be done by the host university
- Host University may offer courses in virtual mode and these courses can be completed as part of Honors / Minors / Electives under MOOCs

#### Evidence of Success:

- Five students successfully completed abroad internship
- Asia University has offered five courses on virtual student exchange program

File Description	Documents
Best practices in the Institutional website	<a href="http://115.241.205.4/gmritnew/AQAR2021/7.2.1.%20Documents%20related%20to%20the%20metric.pdf">http://115.241.205.4/gmritnew/AQAR2021/7.2.1.%20Documents%20related%20to%20the%20metric.pdf</a>
Any other relevant information	Nil

### 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)

GMRIT is distinctive for its enabled resources to both students and staff beyond regular working hours. The Knowledge Resource Center i.e, library on campus works from 7am to 11pm on all working days and during the days of examinations, it is open round the clock. The uninterrupted Wi-Fi connectivity 24x7 with high-speed internet is available for all the stakeholders. The faculty-researchers can work in their free time after academic hours, accessing the subscribed online journals in library and conduct their research in the well-equipped labs in the late evenings.

Besides arranging hygienic food and comfortable lodge, the well-maintained Hostels on campus offer the students with a great scope to study additional time in library, and take part in games and sports of their choice in the sophisticated sports arena and modern gymnasium. The labs of all departments are also kept open throughout the day to support the students who practice lab modules and experiments. The access to LAN-based courses and video-lectures is another facility to the students to supplement and complement their classroom learning. Majority of professors are within the immediate reach of students for their personal guidance

and continuous academic support, as they live in GMRIT Staff quarters.

File Description	Documents
Appropriate link in the institutional website	<a href="http://115.241.205.4/gmritnew/AOAR2021/7.3.1%20Institutional%20Distinctiveness.pdf">http://115.241.205.4/gmritnew/AOAR2021/7.3.1%20Institutional%20Distinctiveness.pdf</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

GMRIT strives for excellence in the teaching-learning process and offers the best possible education to its students. The following initiatives are planned to achieve digital transformation and improve the institute's ranking:

- Explore and Identify the suitable LMS platforms and tools with the support of various academic and technology partners
- To explore and identify the suitable comprehensive Campus Management System (CMS) integrating all the campus functions from entry to exit
- Develop in-house software development and maintenance team to develop, customise and adopt various Open source technologies and tools leading to the complete automation of the campus for a sustainable growth
- Collaborate with Technology Mentors/Partners and SMEs to facilitate digital innovation coaching for faculty to transform classroom learning and teaching
- Road map to participate in World Rankings - QS and THE
- Explore collaborations with Foreign Universities in the field of Academics and Research
- Network with resource people and organize Accreditation and assessment related training for faculty and staff