



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	
	<b>GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY</b>
• Name of the Head of the institution	<b>Dr. Praveen Jugge</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>7207344440</b>
• Alternate phone No.	<b>7207714441</b>
• Mobile No. (Principal)	<b>9652313434</b>
• Registered e-mail ID (Principal)	<b>principal@griet.ac.in</b>
• Address	<b>Bachupally, Kukatpally</b>
• City/Town	<b>Hyderabad</b>
• State/UT	<b>Telangana</b>
• Pin Code	<b>500090</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>05/02/2014</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

<ul style="list-style-type: none"> <li>• Financial Status</li> </ul>	<p><b>Self-financing</b></p>																		
<ul style="list-style-type: none"> <li>• Name of the IQAC Co-ordinator/Director</li> </ul>	<p><b>V. Vijaya Rama Raju</b></p>																		
<ul style="list-style-type: none"> <li>• Phone No.</li> </ul>	<p><b>09440821902</b></p>																		
<ul style="list-style-type: none"> <li>• Mobile No:</li> </ul>	<p><b>09440821902</b></p>																		
<ul style="list-style-type: none"> <li>• IQAC e-mail ID</li> </ul>	<p><b>iqac@griet.ac.in</b></p>																		
<p><b>3.Website address (Web link of the AQAR (Previous Academic Year))</b></p>	<p><a href="https://www.griet.ac.in/annual_reports.php">https://www.griet.ac.in/annual_reports.php</a></p>																		
<p><b>4.Was the Academic Calendar prepared for that year?</b></p>	<p><b>Yes</b></p>																		
<ul style="list-style-type: none"> <li>• if yes, whether it is uploaded in the Institutional website Web link:</li> </ul>	<p><a href="https://www.griet.ac.in/academic_calendar.php">https://www.griet.ac.in/academic_calendar.php</a></p>																		
<p><b>5.Accreditation Details</b></p>																			
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<p><b>6.Date of Establishment of IQAC</b></p>	<p><b>01/08/2013</b></p>																		
<p><b>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.)?</b></p>																			
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<p><b>8.Provide details regarding the composition of the IQAC:</b></p>																			
<ul style="list-style-type: none"> <li>• Upload the latest notification regarding the</li> </ul>	<p><a href="#">View File</a></p>																		

composition of the IQAC by the HEI		
<b>9.No. of IQAC meetings held during the year</b>	<b>3</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>		
Establishment of Lecture Recording Room to produce quality Video Lectures		
Policy document on Starting of Industry supported courses and appointing Professors of Practice (POP) as part of implementation of NEP 2020		
Implementation Strategic Plan 2020-25		
Identification of top performers in n R&D and provide incentives to them		
Establishment of a full-fledged Higher studies and competitive Examination Center (HSCE) to assist students opt for higher education.		
<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
<p style="text-align: center;"><b>Improvement of Institution's perception among the stakeholders</b></p>	<p style="text-align: center;">The NIRF ranking of the institution have been improved from 172nd rank in 2020 to 165th rank in 2021 to 148th rank in 2022</p>
<p style="text-align: center;"><b>Improvement in placements</b></p>	<p>In 2019, amongst 796 selections, 02 students were placed in Amazon with 28 Lakhs Per Annum, a student was offered in Flipkart with 25 LPA, 02 students were selected for Service now with 10 LPA. In addition to this, nearly 50+ students were offered with 7 Lacs and above packages. In 2020, around 930 students were placed, and a substantial growth was observed as 01 students was selected for Microsoft with 41 LPA, 04 students were selected for Amazon with 30 LPA, 05 students were selected for CISCO with an offer of 12 LPA, 05 students were selected for DBS with an offer of 8 LPA. Apart from this in this same year, nearly 120 + students were offered with 7 lacs and above packages</p>
<p style="text-align: center;"><b>Growth in R&amp;D activities</b></p>	<p>There is a significant increase in the number of publications from 423 in the year 2021 to 490 in the year 2022. In the year 2021-22, GRIET has secured funded research projects (DRDO, DST AICTE, AR&amp;DB, etc.) worth Rs. 88.403 lakhs .</p>
<p><b>13. Was the AQAR placed before the statutory body?</b></p>	<p><b>Yes</b></p>
<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	12/12/2022

<b>14. Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>
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- Year

Year	Date of Submission
2020-21	23/02/2022

**15. Multidisciplinary / interdisciplinary**

Institute is working towards multi-disciplinary approach to enhance attitude among the students through disciplinary, co-curricular, extra-curricular activities. Skills are enhanced by trainings, industry-internships and practical knowledge. Core Knowledge will be given current industry technologies like IoT, AIML, Cyber Security, Deep Learning, Block Chain Technology, Nano-Technology and 3D printing.

The courses of humanities and sciences like Mathematics, Engineering Physics, Engineering Chemistry, Design Thinking, Data structures, C programming, Engineering Graphics (with AutoCAD), Engineering workshop, Basic Electrical engineering Labs are integrated in different engineering programs to solve the practical problems in Engineering.

The institution offered flexible and innovative curricula that includes credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and multidisciplinary education. Institute strongly committed to provide the education which is oriented so as to meet the rapidly changing needs, challenges of the society.

GRIET introduced industry-internship as integral part of its curriculum. Students under supervision of the faculty will apply the knowledge acquired in the classroom to find solutions to real life industrial problems. From the outcome of the courses like Environment science, Value ethics and gender culture, Constitution of India, students can engage in giving the service to the community. Multi-disciplinary courses which enhances creative

knowledge among the students which turnout to be society related innovative projects.

Presently GR22 regulations curriculum is approved by Board of studies and Academic council for all UG and PG programs. Institute is planning to offer multidisciplinary and flexible curriculum for all years of UG and PG in all programs in upcoming Regulations for multiple entry and exits.

Students of various Engineering Programs together do the research on multi-disciplinary projects which are useful to the society.

1. Robot Applications: Areas such as health care, space exploration and manufacturing sector with Artificial Intelligence involve multi-disciplinary challenge for societal context.

2. Green life science labs: the challenge to save energy and reduce waste using practices such as waste-sorting in the institute like plastic bottles, scraps from Laboratory etc. Making use of waste materials and greening the institute through internal channels.

3. Nanotechnology: Planning to establish in the fields of nanotechnology, where there is a big expectation about technical progress and solution to essential economic, medical and ecological problems.

4. Global sustainable development: Reproduce and regeneration of power through Solar, wind, Biomass, Hydroelectric source related interdisciplinary/multi-disciplinary projects

1. GRIET Competency Level Improvement Program(G-CLIP): GRIET is being a premier technical institution functions with the vision of the blossoming into the best of institution for engineers with attitudes, skills and knowledge so as to become an epi centre of creative solutions, take every effort to groom the students into the best professional through G-CLIP program.

2. GRIET Social Relevance and Self Reliance (G-SRSR): Outcome based education philosophy focuses on the attainment of program outcomes which are essential graduate attributes, are the behavioral transformations is expected from our graduate students.

3. GRIET Laboratory on board (GLOB)

<https://www.griet.ac.in/syllabus.php>

#### **16.Academic bank of credits (ABC):**

The registration process of National Academic Depository and Academic Bank of Credits is in progress.

Credit mobility is being practiced at GRIET. All the students are encouraged to attain 6 to 8 credits out of their 160 credits through online learning through various portals like NPTEL, EDX etc., The credits earned through these online platforms and MOOCs are considered for credit transfer and calculation of their SGPA & CGPA. Students are benefited by these MOOCs in view of their structure and very high quality.

GRIET have Academic Collaborations with Foreign Universities like University of JAEN at Spain, Texas A&M University, Lucerne university of Applied Sciences and Arts at Switzerland Aleksandras Stulginskis University at Lithuania and Karabuk university at Turkey. These foreign university collaborations opens various avenues for our students to students to pursue some of their courses at those universities and credits will be transferred after successful completion of their course. The Dean, Higher Studies and Competitive Examinations (HS & CE) is held responsible for managing academic collaborations with foreign universities.

The academic autonomy at GRIET encourages the faculty to prepare the curriculum with utmost freedom. The course coordinators are given full flexibility to create their own curriculum, propose textbooks and availability of learning materials. As part of preparation of course files, the assessments and assignments shall be proposed by the course coordinators. The academic regulations and credit structure shall provide a framework for preparation of course content and proposing assessment methodologies and pedagogical approaches. The underlying principles for preparation of curriculum are:

1. Holistic Development of graduating students
2. Experiential Learning
3. Empower students through flexibility in course choices
4. Curricular Integration of Essential Subjects, Skills, and Capacities

5. Transforming Assessment for Student Development

6. Technology Use and Integration

At GRIET, the students can choose to earn some of their credits from various MOOCs and online platforms like SWAYAM NPTEL, EdX etc. The credits earned through online courses will be considered for credit transfer. These new learning pedagogies will help the students to explore and learn new possibilities of learning and make them ready for global mobility.

**17.Skill development:**

GRIET SDC (SKILL DEVELOPMENT CELL) has been entrusted with the responsibility to train students by providing them with various courses to enhance their Employment/ Self-Employment opportunities.

To meet its objectives GRIET Skill Development Cell (SDC) is focusing on the improvement of the Skills of the students on various fronts. This is done by Inculcating Skill development programs among students from the first year onwards. Anticipating, before they complete their graduation, they will be ready with the necessary skills required by the industry

GRIET Skill Development Cell (SDC) is tied up with various world-renowned industrial giants like CISCO, AWS, REDHAT, BLUE PRISM UNIVERSITY, PALO ALTO NETWORKS, etc. GRIET has collaborated with TASK (a Telangana Academy for Skill and Knowledge) for industry-specific training and skill development. Apart from this, online courses through Coursera, Infosys Spring Board, edX support the students to improve their skills to a further level.

In GRIET, course structure is designed such that, Students inculcate positive attitude and develop their capabilities in most of the aspects like humanistic, ethical, human values through a course on "Value Ethics, and Gender Sensitization", Constitutional values through "Constitution of India" course, righteous conduct, peace, love through competitions organized annually for the students in GRIET on occasion of "International Day of Peace", "WHO World Mental Health Day, "World Food Day" , life skills through course on "Life Skill and Personality Development" and value added course on "YOGA".

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

The rapid changes in the global knowledge economy with the advancement in science and technology have led to dramatic changes



in the society. No doubt that India has leaped many boundaries in all sectors- commerce, technology and development etc., but at the same time there has also been detachment from our belief and fall in values.

India is always looked up to for its spiritual and transcendental elevation. India has much to offer to the world from its glorious past. Thus, the promotion of Indian arts and culture is important not only for the nation but also for the individual.

"The acquiring of culture is the development of an avid hunger for knowledge and beauty".

India has always been known as the land that portrayed cultural and traditional vibrancy through its fine arts. GRIET shelters a diversified crowd of engineering aspirants from all parts of India with its high quality academic skills required to build in the technical minds for the future. GRIET has very active and enthusiastic cultural body named as "RHYTHMS" managed by students themselves under the guidance of faculty members.

Along with this, as it is said, "Art speaks the soul of its culture", GRIET equally educate its students with the importance of arts and culture in one's life with association of RHYTHMS club. We strongly believe that academic knowledge and cultural knowledge go hand in hand in which the art and cultural growth enhances the student's academic growth as well.

Since the genesis of Rhythms, new talent has been blooming in our college. Rhythms is an opportunity for students to explore their talents and come up with new objectives. It is amazing to see how Rhythms organizes events with so much passion and perfection. Since its inception, it has been steadily escalating and hope we can reach greater heights in the field of cultural.

#### I. Spiritual elevation through

1. Yoga and Meditation
2. Prophecy by Garikipati Narasimha Rao, Indian Telugu Avadhani (literary performer) from Andhra Pradesh
3. Speeches by Tridandi Chinna Jeeyar Swamiji is an Indian erudite Vedic scholar. • He is a philosopher, an unparalleled spiritual teacher
4. Sloka Competitions
5. Spiritual and Meditation classes by Rama Krishna Math, Domalguda, Hyderabad.

## II. Art and culture

1. Bathukamma represents cultural spirit of Telangana
2. Celebrations of Hindu festivals like Ugadi, Srirama Navami, Bonalu, Vinayaka Chaturthi, Dasara, Deepavali, Sankranti, Holi, Mahashivaratri are celebrated with pomp, gaiety and devotion.
3. The other widely famous dances in Telangana are Gusadi Dance, Kuchipudi, Tribal Dhimsa Dance, Lambadi Dance, etc. performing by the Students of GRIET

### 19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

GRIET has adopted rightly the outcome based education and has designed various OBE elements such as Program Educational Objectives, Program Outcomes, Program Specific Outcomes and Course Outcomes for all the UG and PG programs and their respective courses offered, in consonance with the needs and aspirations of the state and the nation.

Students, having experienced the learning environment as per defined PEOs, POs and PSOs are graduated from the Institute. Based on the Graduate Attributes laid by the NBA, Program Outcomes are developed for both under graduate & post graduate programs. POs, PSOs are mapped to curriculum and used the feedback received from the stakeholders through surveys. We have a system to review the results of the evaluation of our outcome based education at the end of each semester. After receiving results of each semester, faculty analyses the outcomes of each course, in order to recommend necessary remedial actions to improve. After receiving inputs from the internal committees, Program Assessment Committee and Board of Studies, Academic Council will give the final approval for the necessary improvements. Once the action plan is defined, data for the performance indication is to be collected and analyzed and evaluated by the course coordinator. This process continues till the attainment of course improves to the target value.

Assessment is done through internal and external semester examinations. Indicators are assigned for each program outcome for the degree of attainment of PO. Direct assessment of attainment of POs is done through examinations and indirect assessment is done through surveys collected through stake holders like faculty, alumni, employers, parents, students at regular intervals. Calculation of CO attainment is done through internal examinations, assignments, tutorials, end semester examinations for theory and practical through relevant CO-PO mapping and the marks for each

question.

Curricula developed and adopted at GRIET includes all aspects of providing engineering knowledge and solutions in a global, economic and societal context, ethical responsibility. Also, the need for environment and sustainable development solutions and to function on multi-disciplinary context so as to communicate effectively with engineering community and society. For the accurate and reliable measurement of attainment of course outcomes various assessment tools are used which are useful for proper guidance at the program level for the curriculum design, delivery and assessment of student learning. POs and PSOs are connected with course content, course outcomes and assessment, further to identify the competencies and Performance Indicators.

[https://www.griet.ac.in/NAAC21/PO%20Attainments\(2021-22\)/](https://www.griet.ac.in/NAAC21/PO%20Attainments(2021-22)/)

## **20.Distance education/online education:**

Moodle stands for modular object-oriented dynamic learning environment. Moodle is a learning platform designed to provide educators, administrators and learners with a single robust, secure and integrated system to create personalised learning environments.

GRIET-MOODLE(LMS) is a learning platform provides lecture notes, reading material, assignments, video lectures, online quiz, and announcements to students.

Moodle basic structure is organized around courses. These are basically pages or areas within Moodle where teachers can present their learning resources and activities to students. They can have different layouts but they usually include a number of central section where materials are displayed and side blocks offering extra features or information. Courses can contain content for a year's studies, a single session or any other variants depending on the teacher or establishment. They can be used by one teacher or shared by a group of teachers.

GRIET-Interactive Panel is a digital class board which allows different documents and media for teaching and interacting. Convenience access to multi forms of documents and media makes it flexible and convenient for teachers and students. It is used to play digital content like images, videos, flash, graphs, subject tools, NPTEL Videos, Video lectures of IIT Faculty. It also supports digital annotation and can be saved at any time.

The SWAYAM PRABHA is a group of 32 DTH channels devoted for telecasting of high-quality educational programs on 24X7 basis using the GSAT-15 satellite. Every day, there will be new content for at least (4) hours which would be repeated 5 more times in a day, allowing the students to choose the time of their convenience. The channels are up linked from BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

ICT enabled education at GRIET aims to provide effective teaching and learning for all the stakeholders at anytime and anywhere. The following are practiced using ICT

- Blended learning
- TPS activity
- Active learning
- Real chance of independent learning
- Student centered learning
- Usage of open educational resources
- Spoken tutorials
- Blogs
- Slide talk
- G Suite
- Jam Board
- Plickers

#### Technological Tools for Teaching Learning Activities

Technology provides numerous tools that teachers can use in and out of the classroom to enhance student learning.

1. Google Forms
2. Flipgrid
3. Video games
4. Augmented Reality Apps
5. Kahoot
6. Socrative
7. Class Dojo
8. Clickers
9. Edvoice
10. Virtual Reality
11. Prezi
12. Padlet
13. Popplet
14. Edmodo
15. Information visualization Tools

## 16. Podcasts

### Good Practice at GRIET

1. We have established Lecture Capturing System (Media Center) where faculty can record their video lectures and those lectures will be shared with students using Google classroom.
2. GRIET is conducting online classes through GRIET-E classroom (Newton), and it also provides lecture notes, reading material, assignments, video lectures, online quiz, and announcements to the students.

### Extended Profile

#### 1.Programme

1.1 Number of programmes offered during the year:	15
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File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

#### 2.Student

2.1 Total number of students during the year:	5373
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File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 Number of outgoing / final year students during the year:	1250
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File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	5370
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File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3.Academic

3.1	<b>557</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	<b>353</b>
Number of full-time teachers during the year:	

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

3.3	<b>353</b>
Number of sanctioned posts for the year:	

### 4.Institution

4.1	<b>705</b>
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	<b>86</b>
Total number of Classrooms and Seminar halls	

4.3	<b>2257</b>
Total number of computers on campus for academic purposes	

4.4	<b>5094.17</b>
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.

GRIET, with the autonomous status bestowed on it, constantly endeavoured to update the curricula and make it relevant so as to address the challenges of liberalization, globalization and privatization being faced by the industry and the society under the changed global scenario. The institution has adopted rightly the outcome based education and has designed various OBE elements such as, PEO, PO, PSO and COs for the various academic programmes and courses offered, in consonance with the needs and aspirations of the state and the nation. The guidelines of AICTE and affiliating universities are always followed in the curricular development process. The institute strives to extend comprehensive education for all-round development of the students to equip them with necessary skills and capabilities to develop innovative and critical thinking, problem analysis and scientific perspective. The objective is to provide the students a holistic learning experience by imparting theoretical as well as practical knowledge, apart from encouraging participation in extracurricular activities. Further, the programmes offered have social relevance and meet the demands of the industry, economy and society. In order to meet the demands of the industry, certification courses like Oracle certified Java programme, Oracle certified associate, CISCO certified network associate, AutoCAD are offered. Python, AI&ML are offered as professional core, elective and mandatory courses. In order to achieve a higher level of academic achievement in Bachelor programmes, GRIET is taking steps towards framing B.Tech Honors(CSE) and Minors(AI ML) programmes.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="http://www.it.griet.ac.in/uploads/NAAC/Criteria/1.1.1_PO_Attainment.pdf">http://www.it.griet.ac.in/uploads/NAAC/Criteria/1.1.1_PO_Attainment.pdf</a>

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

15

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
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**

**502**

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	<a href="#">View File</a>

**1.2 - Academic Flexibility**

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

**204**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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**

**15**



File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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

GRIET, utilizing the academic freedom given as an autonomous institute, aims at the holistic growth of the students, leaves no stone unturned for integrating crosscutting issues in to the curriculum. The curriculum includes courses that are diverse and cater to the cross-cutting issues relevant to sustainable environment, gender equality, human values and professional ethics for addressing the economic, social and environmental challenges of globalization. The students of GRIET moulded as responsible Engineers by creating awareness and addressing the societal and generic needs. Along with a standardized learning plan, the curriculum is enriched with cross-cutting courses. This enriches the knowledge base of the student and improves the self-actualization and belongingness to the society. Curriculumhas such courses like Environmental Engineering,Engineering Materials for Sustainability, Green Building Technology. Courses on Gender Sensitization, Values and Ethics, Gender Culture, Stress Management by Yoga, Human Resources Development and Organizational Behaviour are offered to groom the engineering graduates in to effective citizens. The pedagogy focussed for these courses is based on project-based learning, where in the assignments are so structured for the student's collect information in their vicinities so that awareness of societal impacting concepts is understood by the student and his society. Students are encouraged to take up projects with emphasis in social relevance in tune with the Mission of the college and SRSR (Social Relevance and Self Reliance) the best practice of the institution.

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	<a href="#">View File</a>

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

**37**

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	<a href="#">View File</a>

**1.3.3 - Number of students enrolled in the courses under 1.3.2 above**

**13095**

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.3.4 - Number of students undertaking field work/projects/ internships / student projects**

**5248**

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>

**1.4 - Feedback System**

**1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained**

**A. All 4 of the above**

**from 1) Students 2) Teachers 3) Employers and 4) Alumni**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="http://www.ce.griet.ac.in/department_feed%20back.html">http://www.ce.griet.ac.in/department_feed%20back.html</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	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**

**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="http://www.me.griet.ac.in/feedback.html">www.me.griet.ac.in/feedback.html</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**

**1434**

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)**

**633**

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.

After students are admitted, the Institution examines their learning levels and develops tailored programs for advanced and slow learners

### Categorization of Learners:

A new student's initial learning level is assessed using their performance in qualifying exam (Intermediate, SSC) for normalized distributions into sections. Through ongoing evaluation in classroom interaction by teachers and mentors, students are classified as fast or slow learners. In addition, various tests are also conducted such as Aptitude Assessment Test by Dean Training and Placement, a Written test by Dean AAC, Emotional Stability Test & Career Expectation Test and internal continuous assessment through Mid-1 for all courses to categorize the students.

### Learning methods for slow learners:

Slow learners are assisted with Remedial Classes by Dean finishing school. The results after every semester end examinations shall be analyzed and students having backlogs will be arranged with remedial session to clear the backlogs. This practice is yielding good results and more than 75% of students could be able to clear their backlogs.

### Learning methods for Advanced and improvised slow learners:

Advanced learners can take up additional credits to obtain their Honors or Minor degree along with their original degree.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.griet.ac.in/j_lab_griet.php">https://www.griet.ac.in/j_lab_griet.php</a>

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

Year	Number of Students	Number of Teachers
12/12/2022	5373	353

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:

GRIET incorporated the Choice Based Credit System and nurtures an academic environment guided by OBE philosophy. All academic procedures are focused on a student-centric learning environment. All programs and courses are designed in line with objectives and outcomes with due credits.

- Experiential Learning is done through practicals, Internships, Field projects, On Job Training (OJT), and Industrial tours. These help the students to improve their technical skills, exposure to industry workspace, and real-world engineering difficulties.
- Participative Learning is done through classroom interaction, Tutorial Interaction, Peer-Learning, Plickers, Conferences and Symposia, Community Learning Platforms, Group Discussions, and Road-shows.
- Fostering Creativity, Critical Thinking, and Problem-Solving is done through
  1. Learning through research-based projects
  2. Project-based Learning
  3. Case-based learning
- Faculty assists and encourages students in preparing research problem statements to apply for funding.
- The project work by B.Tech students in III Year and IV Year & II Year M.Techstudents in terms of Mini/Major projects gives an opportunity to explore various problem statements/PoC in their areas of interest and practice cutting-edge technologies.
- Students are encouraged to convert their projects into products and the product into patents.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://www.grietsdc.in/">https://www.grietsdc.in/</a>

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

GRIET uses ICT to support, enhance, and optimize the delivery of education.

“Effective teaching/learning environment for all the stakeholders at any time and anywhere” is the ICT policy at GRIET.

The following tools are used

- 90 LCD projectors
- 2257 computers
- Photocopier machine, Scanners-Multifunction printers
- Seminar Halls
- 5- Smart Boards
- Newton's classroom is a community/social learning platform to communicate with students online, sharing study materials, assignments, quizzes, etc.,
- MOOC Platform (NPTEL, Coursera, Udemy, Edx, etc)
- Digital Library resources (DELNET, J-GATE, ASME, ASCE, IEEE, Science Direct, NDL, e-books, e-journals, etc)
- Free Wi-Fi

1. Faculty uses PPT for teaching through LCD projectors. For effective teaching-learning, faculty are implementing TPS(Think-Pair-Share) activities, Flipped classrooms, Peer Learning, Plickers, etc.,

2. SwayamPrabha, a group of 32 DTH channels is used for telecasting high-quality educational programs using the GSAT-15 satellite.

3. Seminar and Conference rooms are digitally equipped for guest lectures and expert talks by eminent people from various industries.

4. Online quizzes are conducted through GOOGLE FORMS.

5. Video Recording lectures are available for long-term learning and future reference.

6. Teachers use various ICT tools for conducting workshops on the latest methods such as Programming languages, simulations, etc.

7. Labs are exposed using simulation software.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="http://grietcpds.co.in/moodle/">http://grietcpds.co.in/moodle/</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

353

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

Dean Academic Affairs (DAA) with the help of the Academic Affairs Committee organized and properly carried out all Institute's academic activities for the upcoming academic year. DAA prepares the CollegeDiary contains a calendar of events for curricular and extracurricular activities.

#### Academic calendar:

- Institute follows a well-planned academic calendar, prepared in advance and available on the college website.
- GRIET has a separate academic calendar for I B.Tech courses and the same academic calendar for II, III, and IV B.Tech courses.
- It encompasses dates for commencement of classes for two semesters, dates for Mid, and End (theory and practical) exams, preparatory holidays, and schedules for regular and supplementary

examinations, all of which adhere to the statutory guidelines of 90 instructional days per semester.

**Timetable:**

- Semester's timetable is prepared in advance.
- Institute and Department timetable coordinators create schedules for each program with guidelines.
- Separate hour is given for open electives, co-curricular activities, spoken tutorials, SwayamPrabha, and others.
- Heads of departments make sure that stakeholders have access to the timetables.

**Teaching Plan:**

- Course instructors create a teaching plan that includes course objectives, outcomes, Program Educational Objectives, Program Outcomes, Lesson Plan, Session Plan, and Number of hours needed for a topic, assignment, and other information.

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**

**353**

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	<a href="#">View File</a>

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

**106**



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)**

7.4

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**

13

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**

0.93

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

**GCAP (GRIET Campus Automation Portal) is a major reform for Pre and Post Examination Processes.**

**Pre-Examination Process**

GCAP automates and manages pre-examination procedures like timetables, Barcoded OMR answer booklets, Seating plans, Invigilator duties, and D form generation.

**Post Examination Process**

Subject experts from reputed institutions evaluate the end-semester answer scripts in the spot valuation camp. The results are announced by the Result Committee, including a University (JNTUH) nominee, via the GCAP portal within ten days. Both PC & CMM have been designed with 12 security features.

**IMPACT**

- A comprehensive examination handbook and academic regulations are prepared, distributed, and made available on the website.
- Results were declared within 10-12 days.
- Automation of Exam Section functions and effective grievance redressal
- Efficient mapping of COs & POs and Blooms Taxonomy for higher academic standards at both teaching and evaluation stages

GRIET has implemented summative and formative assessments, including:

1. Continuous Internal Evaluation(CIE)
2. Semester End Examinations(SEE)

In Continuous Internal Evaluation, To calculate sessional marks performance in two mid-examinations for theory courses and one internal examination for practical courses, as well as assignments, continuous assessment, quizzes, and records with proper weighting are considered. Periodic reviews are carried out in case of project work.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.griet.in/qcap/">https://www.griet.in/qcap/</a>

## 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

GRIET implemented the Outcome-Based Education (OBE) methodology in 2014. OBE guarantees that Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are attained.

In accordance with societal requirements, and changing trends in technology, POs, and PSOs developed by Program Assessment Committees in consultation with stakeholder references from globally accepted Graduate Attributes.

Cos are direct statements made by course coordinators. PAC is in charge of preparing CO attainments based on student achievement in midterm and semester exams, project presentations, and seminars.

All programs' POs and COs are carefully developed by departments and subject experts and communicated to all stakeholders.

POs and PEOs, PSOs have been displayed in the

- Notice boards
- Laboratories
- Corridors
- Chamber of HoD
- Staff Rooms
- Class Rooms
- Common Areas
- Departmental Web Sites.

COs and POs are specified in course files and are shared with the student through the Course plan, departmental websites, and student handbooks. COs are updated in accordance with COs redefined procedure. Teachers highlight the relevant CO and PO in the classrooms/ labs.

POs and COs are emphasized during

- Parents meet
- Induction Programs
- Workshops
- Industrial Visits
- Departmental Meetings
- Placement Drives.

Internal and external examination question papers were prepared along with COs.

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	<a href="https://www.griet.ac.in/syllabus.php">https://www.griet.ac.in/syllabus.php</a>

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

• Course Outcomes are measurable performance indicators that outline what students will achieve and be able to do by the end of the course. These specify students' major skills, knowledge, attitude, and ability.

• Assessment and evaluation methods are particular and measurable and are intended to increase student learning.

• Program Outcomes outline what students will achieve and be able to do by the time they graduate. These are more specific statements, refer to skills, knowledge, and student behaviors. It reflects the Graduate Attributes.

• CO and PO attainment in each course are estimated based on internal and external evaluations. It is mapped to each program's Program Educational Objective. It is analyzed by faculty and addressed in the upcoming semester.

- The Direct and Indirect Methods are used to calculate Program Outcome Attainment.
- Direct Measures are immediately observed by performance in Mid and External Examinations.
- Indirect measures are self-reports to determine the scope or worth of their learning experiences. It includes written surveys, questionnaires, exit surveys, and interviews. These are collected from individuals/stakeholders (Parents/Employers/Alumni/Faculty).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.griet.ac.in/NAAC21/PO%20Attainments(2021-22)/">https://www.griet.ac.in/NAAC21/PO%20Attainments(2021-22)/</a>

### 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

1250

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="http://www.exambranch.griet.ac.in/files/GRIET-Annual-Report-2021-22.pdf">http://www.exambranch.griet.ac.in/files/GRIET-Annual-Report-2021-22.pdf</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://www.griet.ac.in/NAAC21/SSS,2021-22.pdf>

## 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

GRIET established Research Centers in various departments of the institute with necessary software and computing facilities for carrying out research activities in research centers are recognized under Jawaharlal Nehru Technological University Hyderabad, Woosong University (South Korea) and Master PCB Hyderabad. In 2021-22, 27 eligible supervisors from all departments (CSE, IT, ECE, EEE, ME, CIVIL) doing guideship for research scholars from various institutes like NITs, Government and Private universities. Mechanical Engineering department recognized as research center by JNTUH, Hyderabad.

The faculty and students are given freedom to choose the research area of their choice and guidance is given to seek funding from funding agencies and industries. In 2021-22 GRIET received grants of Rs.292.83 Lakhs from various Government agencies DST, AR&DB, AICTE, GHMC and also private agencies Ample Tech, ICRISAT, Audintel and ATEK. The institute encourages faculty by providing incentives for publishing the articles in peer reviewed Journals, writing books and filing patents. In this academic year 401 Publications are published in various SCI/SCIE/ESCI, SCOPUS and UGC care listed journals, includes conference proceedings and Book Chapters. GRIET takes care of patent filing process, which is governed by the Research policy of the institute. 2 patents are granted and 8 patents are published.

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="https://www.griet.ac.in/2022/R&amp;D%20Policy.pdf">https://www.griet.ac.in/2022/R&amp;D%20Policy.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)

9.12

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**

**86**

File Description	Documents
e-copies of the award letters of the teachers	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
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)**

**292.83**

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	<a href="#">View File</a>

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

**22**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.griet.ac.in/research.php">https://www.griet.ac.in/research.php</a>
List of research projects during the year	<a href="#">View File</a>

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

27

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

7

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://www.griet.ac.in/research.php">https://www.griet.ac.in/research.php</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.

### GRIET-Technology and Innovation Cell Achievements:

1. Ministry of Education (MoE) Institutions Innovation Council (IIC)- GRIET got 4 Star Rating for inculcating Innovation and Entrepreneurship culture in Students and Faculty by conducting various Sessions, Workshops, Webinars, Events, Programs and Competitions on I & E.



2. Received Excellent band for Atal Ranking of Institutions on Innovation Achievements (ARIIA) under the category "Colleges / Institutions (Private / Self-Financed) (Technical)" for the AY 2020-21 by AICTE - Innovation Cell, Ministry of Education, Govt. of India
3. Got Platinum Grade in CII (Confederation of Indian Industry)
4. Participated and won several prizes in Hackathons.

**GRIET- Entrepreneurship Achievements**

5. Mr.Siddarth one of our alumni students has grown from a startup from our college to a private Ltd company with the name Syntizen Technologies which offers digital identity solutions provider that was funded by MasterCard and ACPL. The company is valued at 100 crores and having 150 employees.

**Incubation cell Notable Startups:**

Name of the Startup

Year of Inception

Achievement

CMO Foods

2021-22

FSSAI registered

6. There are 22-startups generated in the college and out of which 3 startups are generated in the academic year 2021-22.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://ecellgriet.epizy.com/?i=1">http://ecellgriet.epizy.com/?i=1</a>

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

38

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	<a href="#">View File</a>

### 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	<a href="#">View File</a>

**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**

7

File Description	Documents
URL to the research page on HEI website	<a href="https://www.griet.ac.in/research.php">https://www.griet.ac.in/research.php</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**

157

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**

237

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.me.griet.ac.in/naac/criteria3/2021-22/3.4.4.pdf">www.me.griet.ac.in/naac/criteria3/2021-22/3.4.4.pdf</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**

1677

File Description	Documents
Any additional information	<a href="#">View File</a>
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	No File Uploaded

**3.5 - Consultancy**

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

**85.37**

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**

**81000**

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**

**GRIET provides a platform for a holistic overall development and plays a major role on societal needs by continuously motivating students and organized activities focusing on social issues during Covid Pandemic last year. Institute has three National Service Scheme (NSS) units with**

400 dedicated student volunteers. In addition, there is a Street Cause wing with 150+ volunteers, Green Campus wing with 100+ volunteers and Women Development Cell with

150 volunteers. All these units work extensively on the societal issues in the neighborhood community of GRIET which NSS units sensitize towards social issues. These activities develop students into ideal citizens with high moral values and societal responsibility.

The institute carries out a number of extension activities in the neighborhood community. NSS club received most prestigious awards at national level, state level and at university level with 9 awards in community service through NSS in academic year 2021-22.

GRIET -NSS received appreciation from MGNCRE and Recognized as Swachhta Action Plan Institute.

GRIET adopted families in the slums providing them with monthly groceries for three months at Bachupally, Miyapur and KPHB Metro station Hyderabad.

Activities like Covid Vaccination drive (2021-22) was conducted in GRIET with the help of Government Primary health Centre- Nizam pet. Total activities were conducted 33.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.griet.ac.in/nss.php">https://www.griet.ac.in/nss.php</a>

**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**

9

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	<b>No File Uploaded</b>

**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)**

**33**

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**

**5150**

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**

**265**

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>

**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)**

**26**

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	<a href="#">View File</a>

## 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 institute has a well-maintained campus established over 24 acres of serene green land which includes aesthetically designed buildings, open air auditorium and playgrounds. Institute has 75 classrooms, 109 laboratories, 11 seminar halls, 24 tutorial rooms, 3 drawing halls and 4 computer centers. The college itself is situated on a hillock which gives panoramic views of all surrounding landscape. Maximising the undulations of the natural surroundings, all the buildings have been uniquely designed with no common walls between rooms such that all rooms are adequately ventilated with natural light and fresh air.

All 75 classrooms are equipped with E-Learning facilities like LED Projectors, Wi-Fi, Smart TVs, and Large Screens. The Institution provides laboratory facilities with state of art equipment suiting to the requirements of curriculum and research. All the laboratories/ classrooms have been established surpassing the specifications of AICTE as well as the affiliating university JNTUH.

Every department is equipped with their own seminar hall to conduct conferences, seminars, workshops and guest lectures by eminent speakers. Each seminar hall is built satisfying AICTE norms in size and area with Wi-Fi connectivity and air conditioning. Most of the technical events of the departments are conducted in their respective seminar halls.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.griet.ac.in/infrastructure.php">http://www.griet.ac.in/infrastructure.php</a>

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

For an all-round development of the mind, body and intellect, of student and staff, institute lays equal emphasis on beyond curricular activities, a practice which has been in vogue since inception of the Institute in 1997. Parallel to academics, the institute encourages the students to participate in sports and cultural activities and awards them accordingly. Four acres of land is provided for indoor as well as for outdoor games/sports.

**Facilities Available:**

The facilities provided by the institute for indoor and outdoor games are as follows

1. Cricket Ground
2. Football ground
3. Basketball Court
4. Volleyball Courts
5. Handball Court
6. Khokho Ground
7. Kabaddi Ground
8. Cricket Practice Pitches
9. Two indoor stadias with gym, carrom Tables, chess Tables, snooker Table, Table tennis tables
10. Yoga Centre
11. Medical Centre at service
12. Rest rooms

**Sports and Cultural Activities**

The institute promotes sports and games amongst the staff and students through a well-qualified male and female Physical Directors and a yoga instructor.

College teams are formed and trained to take part in state level, university level competitions and other intercollegiate competitions. Sports events are conducted at the



interdepartmental level and the winners are awarded accordingly. Apart from indoor games, outdoor sports such as volleyball, basketball, throwball, cricket, football, and kho-kho etc..

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.griet.ac.in/sports.php">http://www.griet.ac.in/sports.php</a>

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

**86**

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)

**1356.73**

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)

**Name of the ILMS Software: KOHA Library Management Software**

**Nature of Automation: Fully**

Version: 19.5

Year of Automation: 2017

Online Public Access Catalogue (OPAC): Open for all students and staff throughout the campus. Computerized Catalogue facility for the available book Search Services through the OPAC interface.

The GRIET Library is located in the " Block III" of the campus. It has a rich collection (1,28,350) of reference books, textbooks and research journals in both electronic as well as in print formats encompassing the field of engineering.

The Library is equipped with Reading Hall, Digital Library, Reference Hall and Newspaper Section. The entire Library is under the surveillance of CCTV cameras. Library has also Wi-fi access. The Library follows open access system encouraging the user to browse freely in the stock area.

**Digital Library:**

The Institute has a digital library with 30 Computer systems. It is automated through Knimbus Digital Library Software. It has a collection of e-journals from IEEE-ASPP, ASCE, ASME, Science Direct, JGATE The digital library is available at locally and remotely. Access to e-books from MGH and CBS publishers is available within campus. IP based access to DELNET is provided within campus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://grietstaff.bestbookbuddies.com/">http://grietstaff.bestbookbuddies.com/</a>

**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)**

**24.27**

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**

**1227**

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 provides a large range of IT amenities and services with a state-of-the-art networking environment to support all students and staff for their learning, research, teaching, and administration. The institute has services like powerful central servers, web-based email application, Internet security system, anti-virus software and Network services.

Implementation of WLAN/wired network helps the faculty and students

to connect easily within campus to the campus network without a wire. With this, all college blocks, laboratories, seminar halls and selected places in departments have excellent Wi-Fi connection at a speed of 1000 Mbps. CCTV/Video surveillance recording facility is available in entire campus . The Security System runs round the clock and provides network services to support the IT needs of the Institution. Software and hardware are upgraded periodically as when a demand for the same arrives. Turnitin licensed software has been purchased by the institution for Internet-based plagiarism detection.

Four servers are maintained in the institution for Anti-Virus, NPTEL, Biometric and CCTV. The institute network control center has been upgraded with Mikrotik Firewall. In addition, 2257 computers have access to internet, 1558 computers are having networking, 96 Wi-Fi routers are available & 65 switches are also available. The entire institute is under 24-hour surveillance by 358 CC cameras.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.griet.ac.in/networking.php">http://www.griet.ac.in/networking.php</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5373	2257

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. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**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	<a href="https://www.griet.ac.in/ict_gallery.php">https://www.griet.ac.in/ict_gallery.php</a>
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)**

1477.75

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

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.

The college has created an excellent ambience for academic activities. It takes adequate care to provide the state of art physical facilities. A separate maintenance department looks after the maintenance of the physical facilities. Well laid out procedures are made available for maintenance of all departments. Each lab is maintained by the faculty in-charge of the laboratory. Appropriate AMC's are signed for maintenance of advanced equipment.

Library is being maintained by the Librarian and is monitored by the Library Committee. The requirements are processed through this committee. The Physical Director takes care of all sports facilities including Gymnasium. The computers are serviced and maintained properly, and the software are updated keeping in view of requirements. The ICT devices used for teaching learning are always given priority in maintenance. The college has generator facilities so that power cuts do not affect the conduct of classes and laboratory sessions. The institution takes proper care and indulges in planning exercises so as to ensure

optimum use of physical facilities. Being an engineering institution, the students are also involved in the maintenance of air-conditioners, power devices and transport. The college has adequate man-power to look after the maintenance of the campus including physical facilities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.griet.ac.in/support_services.php">http://www.griet.ac.in/support_services.php</a>

## 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

3170

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

120

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

<b>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</b>	<b>A. All of the above</b>
--	----------------------------

File Description	Documents
Link to Institutional website	<a href="https://www.grietsdc.in/">https://www.grietsdc.in/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year</b>
<b>5373</b>

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

<b>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</b>	<b>A. All of the above</b>
---	----------------------------

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

1020

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

526

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	<a href="#">View File</a>

### 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

245



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

53

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

##### Student Council activity:

Yes, the institution does have Student Council that functions in integrating and executing the various activities of the institution.

##### IEEE:

The main purpose of the branch is the dissemination of the knowledge of the theory and practice of all aspects of engineering.

##### CSI:

The main motive of CSI student chapter is to encourage the students not only in academics but also in other technical aspects.

##### ISTE:

The ISTE at GRIET was started in the year 2004. The faculty, students and management of GRIET took keen interest in establishing ISTE student chapter, GRIET.

##### SAE:

Associate themselves with this world-renowned organization through the SAE local chapter.

**ICI:**

A reputed educational institute which excels in both academic and research.

**SME:**

The society of manufacturing engineers (SME) GRIET student chapter to promote manufacturing through organized effort in study, research and discussion of the profession and the dissemination of knowledge thereby gained.

**IETE:**

To promote the general advancement of Electronics & Telecommunication Engineering, Computer Science & Engineering, Information Technology and allied subjects & application of these(referred to as the discipline henceforth) and to facilitate the exchange of information and ideas onthese subjects amongst IETE members.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.griet.ac.in/ieee.php">https://www.griet.ac.in/ieee.php</a>

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

32

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	<a href="#">View File</a>

### 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

GRIET, since established in year 1997, it has been striving to achieve and impart quality education with an emphasis on practical skills and social relevance. Over the years many young men and women graduated through the portals of GRIET to be change masters in society. The alumni of GRIET are now spread across the world, contributing to the society as Engineers, Teachers, Scientists and Entrepreneurs. They are the brand ambassadors of our college. GRIET Alumni Association, a registered society, acts as a vital link between them and the institution.

Official website: <https://www.alumni.griet.ac.in/>

So far 10900 alumni are registered as alumni members in the GRIET alumni association.

Alumni meets are a regular feature. GRIET acknowledges the alumni contributions to the college in terms of establishing alumni awards to the students in academic excellence, which are given away during college days like Annual Day or Graduation Day and contributions in the form of guest lectures, referrals through strong networking.

The Alumni meet (SAMMELAN-2021) was conducted on 18st December 2021 in Hall 1 at GRIET Campus near Main Gate adjacent to PNB bank.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.alumni.griet.ac.in/">https://www.alumni.griet.ac.in/</a>

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

B. 10 Lakhs - 15 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

A Governing Body (GB) has been constituted as per the statutory provisions involving major stakeholders. Members sign a conflict-of-interest policy at the time of appointment to ensure transparency in decision-making. GB ensures that all decisions on the matters such as admission, new programmes, R&D, infrastructure, TLP, and placements are arrived at based on the strategic plan that reflects the vision and mission. While implementing the decisions top-down approach is followed and to realize the corrective mechanism bottom-up approach is followed using a feedback system, where all the stakeholders can voice in achieving the institution's vision.

The Principal, as Member-Secretary of GB, conducts all GB meetings ensuring that all provisions of the university by-laws, statutes, and regulations are observed. As Chairman, he convenes the meetings of the Academic Council, Finance Committee, IQAC, Selection Committees. Periodic meetings with all HoDs and Deans to monitor curricular and beyond curricular activities at the institutional level.

HODs conduct departmental meetings to implement decisions taken at the institution level, discuss the requirements of various sections in the department to achieve program objectives. The teachers, being members of the Departmental Development and Monitoring Committee, also respective Boards of Studies and other committees, are actively involved with all the decision-making bodies of the institution, contributing to governance and perspective plans, in achieving the vision and mission of the institution.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.griet.ac.in/governing_body.php">http://www.griet.ac.in/governing_body.php</a>

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

As a part of administrative decentralization and participative management, various bodies and committees are constituted to monitor academic, administrative, and research activities.

Senior management had one-to-one meetings with faculty to understand

their concerns and come up with the following initiatives to improve R&D quality:

1. A senior professor is tasked with supervising and guiding the research efforts of three to four faculty members.
2. M.Tech. projects are allocated to faculty members pursuing PhDs as a supervisor, with a senior professor from the department acting as co-supervisor.
3. To encourage faculty members to develop their areas of interest in research, which could result in the submission of large-scale research projects to national and international funding organizations, seed money is made available.
4. Each year, the faculty research awards will be given to honour and encourage faculty who demonstrate excellence in their research contributions to their field.
5. The institution has policies that reward faculty members for their research and publishing in esteemed journals.

These initiatives have secured positive outcomes in the form of an increase in the number of publications from 423 in the year 2020-21 to 551 in the year 2021-22. In the year 2021-22, GRIET has secured funded research projects worth Rs.292.83 lakhs.

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://eeedept.griet.ac.in/naac/21-22/6.1.2.pdf">http://eeedept.griet.ac.in/naac/21-22/6.1.2.pdf</a>

## 6.2 - Strategy Development and Deployment

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

During the last 25 years of existence, the institute has been planning meticulously to move forward in all three dimensions of education viz., teaching, research, and extension. The planning exercise involves all stakeholders viz., students, faculty, parents, industrialists, academic peers, and the management. Keeping in mind the needs of the industry and society, the institute has brought out a perspective plan document for 2020-25 which has been approved by the Governing Body and uploaded on the website. GB reviews the

strategic plan and attainment of goals/targets. Suggestions from all quarters are well taken for the journey toward academic excellence.

We at GRIET prepared, practiced, and implemented the following strategies to meet the goals.

1. Broaden the knowledge and skill horizons of students by encouraging them to register for value-added courses and global certification programs.
2. Remedial action for slow learners is initiated based on the performance in the I-Mid examination instead of waiting till the declaration of final exam results
3. Well-structured career guidance and placement training for students
4. Sensitizing more students and faculty to be involved in Outreach activities
5. Encourage faculty towards R&D through numerous initiatives like Research Awards, Seed money, Mentoring programs, One-to-One interactions, Funding awareness programs, etc.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.griet.ac.in/images/SP%202020-25.pdf">https://www.griet.ac.in/images/SP%202020-25.pdf</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.

GRIET has a well-structured administrative set-up which ensures the excellent conduct of academic programmes. The organogram gives the organizational structure that exists in the institution. GRIET is a self-financed institution and is governed through a Governing Body, which is responsible for its overall administration and control. The Academic Council regulates and guides all academic matters. AC supervises the academic work of the institute, direct method(s) of instruction, evaluation, research and improvements of academic standards. The principal along with HoDs and Deans supervises and maintains the academic ecosystem in the institution.

The rules and regulations of the institution are revised periodically following the due procedures. The following policies

are duly formulated, approved by the concerned committees are uploaded to the website.

- Admission Policy
- Recruitment Policy
- Research Policy
- Patent Policy
- Financial Support for Skill Upgradation Policy
- Consultancy Policy
- Exam Manual
- SOP - Maintenance Manual
- Administrative and Financial Rules

There is a proper grievance redressal mechanism in place. For faculty, staff, and students related grievances, a grievance redressal committee, as per the UGC/ AICTE guidelines, is set up in the institution. The institution has zero tolerance for sexual harassment, discrimination based on caste, colour, religion, etc. There are statutory committees like Internal Compliance Committee, Anti-ragging Committee, SC/ST standing committee as per the directions of UGC / MHRD which function effectively.

Detailed activities such as Promotions, Service rules, Recruitment, Discipline, etc. are available in Red Book.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="http://www.griet.ac.in/Organization_Chart.php">www.griet.ac.in/Organization_Chart.php</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://eeeddept.griet.ac.in/naac/6.2.2.pdf">http://eeeddept.griet.ac.in/naac/6.2.2.pdf</a>

**6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above

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	No File Uploaded

### 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

Institute recognizes and endeavours to maintain the welfare of all the employees with a high degree of satisfaction. The following are some of the amenities/service facilities provided to the Teaching and Non-teaching staff.

1. Disbursement of Research Awards worth Rs. 7.15Lakhs to encourage faculty to excel in Research & Development.
2. Financial support to an extent of Rs. 1.47Lakhs was provided to faculty attending conferences and workshops as well as patents and quality publications.
3. Full-time medical facilities with qualified Doctorand nursing facilities are available in the institution and an ambulance is available for the staff and students.
4. Well-equipped Sports and Gym facilities are provided for faculty and staff.
5. Subsidized food in the canteen for teaching and non-teaching staff.
6. Free transport for Teaching and Non-Teaching staff.
7. Pantry facility in all the departments with Refrigerator, Induction Stove, Coffee machine, water dispenser, etc.
8. Recreation trips to all Teaching and Non-Teaching Staff.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://eeeddept.griet.ac.in/naac/21-22/6.3.2.pdf">http://eeeddept.griet.ac.in/naac/21-22/6.3.2.pdf</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**

81

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

29

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.)**

229

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

**Institute conducts regular financial audits by a certified & recognized CA, M/s. PR Datla & Co., Hyderabad through Gokaraju**

Rangaraju Educational Society. Internal audits are also performed by the Management / Principal / CA.

GRIET ensures that financial audits are conducted regularly. Audits are done on all the aspects of the financial functioning of the institute in a systematic procedure, following all the financial policies and procedures. Final audit reports are uploaded to the institutional website.

The Finance committee conducts a periodic internal finance audit for verification and validation of payments, receipts, cash books, and ledgers for compliance.

The institute engages a reputed firm/agency for conducting an external audit, usually once in a financial year. The audits are duly approved by authorized officials. This way the audits ensure that all the functions are carried out in the strict interest of the institute and are directed towards the prosperity and development of the institute. Copy of final audit report is brought to the knowledge of the concerned officials to rectify any inaccuracies and inconsistencies that occurred in their working. All the accounts are monitored on regular basis internally by Senior Administrative Officer and Accounts Officer.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.griet.ac.in/finance_committee.php">http://www.griet.ac.in/finance_committee.php</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)**

0.5

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	<a href="#">View File</a>

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

**Mobilization of funds:** Being a self-financed institute, the major source of revenue is tuition fees collected from students. The fee collected will be deposited in FD and utilized as per the Institute needs to be decided by the finance committee. Interest on fixed deposits is also used for the developmental activities of the institution. Faculty also contribute in terms of R&D projects received from various government and non-government organizations amounting to an extent of Rs.292.83 Lakhs. Consultancy and Philanthropic contributions by the individuals are also a part of the fund mobilization process that resulted in Rs 85.37Lakhs.

**Utilization of resources:** Well-established procedures are in place for the effective utilization of resources to achieve the goals of the institution in line with the strategic plan. Planning for the utilization of funds starts with a section in charge presenting their annual budget proposals for the academic year before HoDs. After the deliberations at the department level, HoDs forward the budget requirements to the Institute Finance Committee (FC). FC reviews the income and expenditure made in the previous year and prepares the institute budget for the current FY. The same will be submitted to GB for approval. GB will review the budget estimates and discuss the future planning as per the strategic plan and approve the budget. FC communicates the approved budget to the departments and continuously monitors the utilization.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="http://www.griet.ac.in/Mandatory_Disclosures.php">http://www.griet.ac.in/Mandatory_Disclosures.php</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)

**IQAC at GRIET has contributed significantly to institutionalizing quality assurance strategies and processes. GRIET is highly dynamic and responsive to rapidly changing industrial needs. Therefore, IQAC in association with the placement team constantly analyses the job market to learn the changing trends and the employer's**

anticipations, to suggest proactive measures. Equipping students and authenticating the skill level of the pupil in 'specialization' through a 'certification program' apart from the imparted basic technical skills in the form of Campus Recruitment Training will be a game-changer. Considering these findings, our institute started offering various certification programs like AWS (Cloud Foundation, Cloud Solution Architect, etc), CISCO (Cisco Certified Network Associate), ServiceNow, Redhat Linux Admin, Blue Prism (RPA), ORACLE (Oracle Certification Java Programming), Simplilearn Cyber Security, NPTEL, Coursera, UdeMy, for increasing the students' prospects.

This has offered us immediate positive results. In 2022, around 1019 students were placed, and substantial growth was observed as 10 students were selected for Amazon with 44.15 LPA, 01 student was selected for Commvault with 31.0 LPA, 01 student was selected for Qualcomm with 26.5 LPA , etc. 600 + students were offered with 6 lacs and above packages.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.griet.ac.in/placements.php">http://www.griet.ac.in/placements.php</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

The IQAC periodically reviews the teaching-learning process as well as related infrastructure. The following strategies were adopted to improve the content delivery and evaluation procedures:

- Faculty are encouraged to participate in FDPs to learn how to use digital media/ tools effectively in the teaching-learning process.
- Faculty members are advised to continue the use of active learning techniques as a standard teaching pedagogy.
- Offline classes are augmented with Google LMS, and Google classroom to provide online assignments, quizzes, etc.
- The Internal Academic and Administrative Audit is carried out regularly and any shortfalls identified are addressed from time to time based on the benchmarks. Some of the measures include the submission of course handouts, monitoring of course delivery and assessment, remedial actions for slow learners, the timely conduction of project reviews, compliance with academic calendar and regulations, and uniform course

delivery and evaluation system.

- The Institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real-world experiences.

The teaching methodologies are improvised continuously by adopting several best practices, enabling the learning to happen by evolution rather than by enforcement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://classroom.google.com/c/NTIxMTc4ODM2NDc1">https://classroom.google.com/c/NTIxMTc4ODM2NDc1</a>

**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)**

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="http://www.griet.ac.in/annual_reports1.php">www.griet.ac.in/annual_reports1.php</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>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

**The Institute is highly conscious about gender sensitivity issues.**

Hence, it has taken many initiatives as given below:

Women's Development Cell addresses problems of women employees and empowerment of women with the following Objectives:

1. Create awareness of equal opportunity for women that will ultimately lead to improved socio-economic condition of women.
2. Bring about attitudinal and behavioural change in the adolescent youth of the female gender.
3. Provide a harassment-free working atmosphere by identifying and fixing responsibility on the concerned persons for ensuring equal treatment of and participation by women in all areas.
4. Conduct programs for women to empower them financially, emotionally, mentally and physically.

Deal appropriately with reported cases of sexual harassment, abuse or discrimination, and initiate action on the grievances of women, through Anti-Sexual Harassment Cell.

The institution is also aware of the need for the organizational practices and policies to be made in such a way that they will not hinder the participation of women. This is ensured by implementing in Resource allocation - Resources are allocated on priority for woman related facilities like common room, sanitary napkins dispensing machines, CC Camera's in every Classrooms and Blocks etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.griet.ac.in/Womens_Development_cell.php">https://www.griet.ac.in/Womens_Development_cell.php</a>

<b>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</b>	<b>A. Any 4 or All of the above</b>
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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)

GRIET has developed environmentally sustainable Solid Waste Management through Tri-Bin practices. The organic wastes like dry leaves, plant waste, etc. are collected and deposited in the compost pits further used as fertilizer in GRIET campus.

Dry waste in Blue, wet in Green, and electronic wastes in Red dust-bins are collected separately. All the other solid waste from the Campus including kitchen waste is handed over to Greater Hyderabad Municipal Corporation garbage collecting vans thrice in a week.

Big Book Collection Day is done through GRIET Street Campus-Student Chapter in the campus. Exam and restricted papers are handed over for shredding under supervision, remaining waste papers are collected in the campus and handed over to ITC Company for recycling on 09th December 2021.

Liquid waste from non-toilet plumbing fixtures such as showers, sinks/ basins, and taps are processed through STP - installed in GRIET with a capacity of 100K litres per day. Recycling of 85% (i.e., 40K litres) from the available 50K litres of wastewater generating from the campus is done. Chemistry Laboratory discharges neutralized acid base solution and dissolved salts are treated in STP through which parameters of water monitored to maintain in permissible limits. This water is used for garden watering and toilet flushing through dual plumbing lines provided in GRIET Campus.

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>

<b>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</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <ol style="list-style-type: none"> <li><b>1. Restricted entry of automobiles</b></li> <li><b>2. Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3. Pedestrian-friendly pathways</b></li> <li><b>4. Ban on use of plastic</b></li> <li><b>5. Landscaping</b></li> </ol>	<b>A. Any 4 or All of the above</b>
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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	<b>No File Uploaded</b>

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

<b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b>  <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions/awards</b></li> </ol>	<b>A. Any 4 or all of the above</b>
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**5. Beyond the campus environmental promotional activities**

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	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

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).

**During post CoVid'19 situation, GRIET has organized vaccination drive and medical check-up in the campus to Faculty, students, and people in nearby colonies. Donated the sport's equipment, furniture, and lab equipment's along with basic commodities to government schools. Hence NSS-GRIET acted his part of role in developing**

Village surroundings, donated blankets to home-les.

GRIET promotes the cultural activities like Bathukamma-A traditional festival of Telangana celebrated in the campus. As a part of health-conscious activity, NSS-GRIET organized Save Environment-Save Petrol Campaign in the nearby Traffic signals and motivated people to Turn OFF engines during STOP signal.

GRIET encourages students for planting of trees through Haritha Haram-Telangana State initiative, creates socio-economic impact in GRIET as well as in surrounding colonies. Plastic free drive has been organized in and around the campus with support of students to prevent and manage waste. Communal harmony through cooking event organized under "Spices" program. Patriotic skits through dramatic shows organized 70MM-event under Rhythms-GRIET which promotes socio-economic consciousness.

Through GRIET Community radio station "Pragnya-90.4FM" everyday 4 hours of broadcast done covering relevant community issues, cultural educational, social and entertaining facts. Radio station is responsive to the requests received from listeners

To condemn the acts by the Terrorists on our country, Anti-Terrorism Pledge has been taken by the students along with the faculty.

To create awareness against the corruption, GRIET organized competitions like essay writing, elocution and taken a pledge towards Vigilance Awareness Week.

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:

GRIET has incurred mandate guideline to the students and staff after post CoVid'19 scenario. Vaccination drive was held in the campus to the Faculty, Students and public in nearby colonies. Apart from this, GRIET educated to the public on precautionary measures from CoVid through prevention campaigns and themes organized under Pragnya 90.4-A GRIET community radio station.

GRIET-Green Campus organized "Haritha Haram-Telangana State initiative" by planting trees and distributing the saplings to the nearby colonies. To further promote this activity GRIET has taken a campaign "Save Environment-Save Petrol" on 25/03/2022. GRIET-Spirals Team motivates students to get idea on Indian Constitution through GRIET Parliament sessions organized annually. In addition GRIET-Quizzicals Team organized a session on Union Budget-2022 to give brief idea on Budget for the students.

Sensitized the GRIET students about fundamental right to have a safe water by organizing elocution, essay writing competition during UN World's Water Day celebrations by selecting the theme accordingly suggested by UN.

Remembering and recollecting the freedom fighters, their sacrifices for our country's freedom, sovereignty and prosperity is a primary responsibility of every Indian citizen. Anti-Terrorism Pledge on 21/05/2022 has been organized in the campus to condemn the terrorists' attacks and spread message of peace and humanity. GRIET celebrated Azadi ka Amrit Mahotsav as part of 75 Years Indian Freedom.

Vigilance Awareness Week from 27/10/2021 to 31/10/2021 is celebrated every year in the campus followed by the pledge taken by the stakeholders of the campus.

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	<a href="#">View File</a>

<p><b>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</b></p>	<p><b>A. All of the above</b></p>
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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	No File Uploaded

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

GRIET is always committed to celebrate National and International Commemorative days by organizing events like seminars, essay writing. To name a few activities like-

Date

Name of the Activity

21/06/2022

International Yoga Day was celebrated

21/05/2022

Pledge was taken by Faculty and Students on occasion of Anti-Terrorism

30/03/2022

Essay writing and other competitions organized for students on occasion of UN International Mother Earth Day

29/03/2022

Elocution competitions organized on occasion of UN World Water Day

08/03/2022

Union Budget 2022 - Pratispandana, a public speaking competition organized to students on occasion of release of Budget 2022

08/03/2022

"Break the Bias" was organized on "Women's Day" given by Dr. G. Jalaja Veronica

26/01/2022

Republic Day Celebrations are annually organized

23/01/2022

Entrepreneurship Week has been organized through Online on occasion of Entrepreneurs' Day

12/11/2021

GRIET Parliament session was organized for students on account of Constitution Day

11/11/2021

Quiz program was organized on occasion of "Azadi ka Amrit Mahotsav"

31/10/2021

Pledge was taken on occasion of Rashtriya Ekta Diwas

01/10/2021

Fit India Freedom Run 2.0 was organized in the Campus to commemorate 75th Independence Day celebrations

21/09/2021

Elocution was organized on occasion of UN International Peace day

15/09/2021

Essay writing Competition was organized on Engineer's Day

07/09/2021

Donation of Blood organized in GRIET Campus on World Blood Donor Day

15/08/2021

Independence Day Celebrations are annually organized

30/07/2021

Plantation drive was organized in the campus on Environment 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: G-CARE (Consultancy and Research Empowerment)**

**Objectives of the Practice:**

GRIETGRIET functions with the vision of blossoming into the best of institutions for engineers with attitudes, skills and knowledge so as to become an epicentre of creative solutions, take every effort to nurture research culture among faculty and students.

**The Context:**

Atma Nirbhar Bharat, Make in ndia, Startup India are the current mantras reverberating in our new look India in this millenium. Innovation, creativity, skillself reliance are the immediate transformational aspects in the young minds of our graduates. Temperament and culture need to be imbibed and nurturedcarefully in the minds of faculty and students. Hence, the need of G-CARE

**The Practice:**

G-CARE envisages encouragement through the following schemes which are publicised widely through appropriated policies

- Sanction of Seed Money
- Research Awards.
- Plaque and a Cash Prize
- Reimbursement of Conference Registration Fee
- Reimbursement of Patent Attorney
- Incentives of Consultancy
- Promotion through awareness programmes and focussed Centres

<https://www.griet.ac.in/2022/R&D%20Policy.pdf>

Furthre information is added in the link provided through Any other Relevant information

File Description	Documents
Best practices in the Institutional website	<a href="http://www.ce.griet.ac.in/department_bestpractices.html">http://www.ce.griet.ac.in/department_bestpractices.html</a>
Any other relevant information	<a href="https://www.griet.ac.in/NAAC21/G-CARE%202022.pdf">https://www.griet.ac.in/NAAC21/G-CARE%202022.pdf</a>

### 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)

**Teaching Learning Environment inclined towards Industry:**

GRIET is constantly endeavours to produce job ready graduates by including Industry expertise in every phase of Teaching Learning Process i.e., from preparation of Syllabus, introduction of value-added courses, Skill development courses driven by Industry, Industry supported laboratories, Internships in Industries, Industry personnel in Advisory Boards, Under graduate programme endorsed by Industry etc. With the exhaustive involvement of Industry in teaching learning process, GRIET becoming an institution of the Industry, by the Industry and for the Industry.

**Industry Involvement in preparation of Curriculum:** The Board of Studies of each Programme and Academic Council have nominees from industry as members to suggest industry requirements to be incorporated into curriculum.

Prominent Industrialists like Sri. V. Rajanna (Senior Vice President and Global Head - Technology Business Unit, TCS), Sri Ramesh Paturi (Enterprise Strategy Advisor, Microsoft India) and Mr. D. Rajendra Prasad (Technical Vice President, Bank of America INC), Mr. K. V. K. Raju (Executive Vice President, Aparna Constructions) are in the Governing & Academic Council of GRIET. The augmentation of advanced facilities including Scanning Electron Microscope, loading frame, setting up of Artificial Intelligence and Machine Learning Lab are the evidence of their involvement in preparation of curriculum.

Further information is attached in Any other relevant information

File Description	Documents
Appropriate link in the institutional website	<a href="https://www.griet.ac.in/research.php">https://www.griet.ac.in/research.php</a>
Any other relevant information	<a href="#">View File</a>

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

#### Theme

#### Actions

#### Targets

GRIET Lab on Board

GLOB to be implemented by all labs

Efficacy to be reviewed at the end of the semester

#### Faculty Recruitment

a. Increase faculty with Ph.D. qualifications

b. Professors of practice

30%

One faculty with AIML and DS Departments

#### Public Perception

Disseminating achievements to all stakeholders through social media



Effectiveness to be reviewed at every quarter

NIRF Ranking

Increase paper publications

100, progress to be reviewed twice in a year

Outreach Activities

Increase number of activities through Unnat Bharat Abhiyan

Adopt five villages

Carry out one activity in domain, health, environment.

Alumni Engagement

Strengthening by

a. Alumni meets

b. Alumni Talks

c. Involvement of alumni for placement related activities

Meets: Two per year

Talks: Two per semester

Review twice in a year

Institutional Scholarships

More scholarships to needy students to support their education

Within budget constraints increase scholarships to 21

Pedagogy and ICT

a. Strengthening of modern pedagogy activities

b. Establishment of ICT Room for video lecture recording and capturing

Efficacy of mind mapping technique, experiential learning, etc to be reviewed at the end of the semester

ICT Room

Placement Training

Imparting training in soft skills

Equip students matching to the industry requirements

Aligning industry requirements to academic curriculum

100% of first year students

Product and service batch trainings

Changes in curriculum (GR22)

Incubation Centre

Expand Incubation Centre

At least 2 startups should start operating