

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)
Hyderabad - 500 090

External Academic & Administrative Audit Report
Academic Year: 2021-22

The report is the result of the external auditor's inspection after visiting the institute facilities and interaction with the stakeholders on February 10, 2023.

Being a self-financed institution, Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) strives to meet the expectations of all its stakeholders and complies with all statutory requirements. GRIET's mission is to empower youth with quality technical education with an emphasis on practical skills and social relevance that caters to the industrial needs and Nation building. Since its inception in 1997, the college has successfully created itself as a reputed and reliable academic institution with autonomous status in its domain by offering the technical education training required at the higher education. Its management, principal, faculty, students, alumni, and parents who are socially conscious support it in this endeavour. The institution is promoted by a passionate Management, which is committed to expanding the institution in many ways to give students and staff members access to cutting-edge technologies and resources. The institution offers academic programmes and courses that are cutting edge, intellectually inspiring, socially important, and well-connected in a variety of traditional and classic engineering fields as well as in contemporary areas of interest.

The Auditor found that all the departments, the administration office, and the central facilities were adequately staffed and administered. The Auditor exercised freedom to pose some provocative and intriguing questions, to which the faculty gave positive answers, even though its goal is to provide constructive guidance and positive direction for sustained growth aimed at posterity, not to criticise, judge, or issue any character statements on any individual or group. The auditor expressed gratitude to the GRIET Management for the invitation and assistance. This document does not fully serve as an evaluation summary since it only submits preliminary observations that were made during the one-day visit.



In an attempt to contribute to the development of the institution, auditor submits the following observations as an outcome of his visit:

Academic:

- Academically and pedagogically, all departments are highly accomplished and cohesive.
- Institution has successfully implemented choice-based credit system as part of Outcome Based Education.
- To catch up with the pace at which technology advances, the institution implements an excellent mechanism for curriculum development and updates its curriculum every two years.
- Though all the departments are using ICT tools and implementing active learning techniques in their pedagogy, there is a scope for improvement in the LMS.
- To address the pressing needs of the industry, value-added courses have been offered across all departments.
- Stakeholder's feedback is highly valued while updating the curriculum.
- Faculty members were supported financially and with leave to attend faculty development programmes to advance their technical and pedagogical skills.

Research:

- Management has given utmost priority to the research & development and consultancy. In order to encourage faculty members to engage in R&D and consultancy, management has come up with numerous initiatives and incentives.
- The institution identifies top performing researchers and honoring them with research awards.
- Faculty and students were encouraged to patent their inventions by providing the necessary financial assistance.
- The Faculty Members are sensitized on various funding agencies and the benchmarks for publications. They are also encouraged to apply for funded projects.
- Whilst few startups have been incubated and graduated from GRIET, there is a scope to improve the eco-system in order to stimulate the growth of more startups through GRIET portals.



Extension:

- In general, student bodies like NSS, Green Campus, Street Cause, etc. are actively involved in community outreach initiatives at the institution level.
- Even though the majority of the departments have the capability of carrying out community engagement initiatives, very few attempts have been done. All departments may be requested to carry out outreach initiatives unique to their disciplines and may plan socially relevant extension activities within their respective specializations.
- There is a need to make an effort to include extension into the academic framework.

Evaluation:

- It is praiseworthy that the entire examination system has been meticulously and flawlessly digitalized and maintained in-house.
- It is appreciated that examination reforms are being implemented on time and in accordance with the outcome-based education policy.
- The examination department was maintained with professionally qualified personnel and equipped with adequate infrastructure.
- There is scope to promote environmentally friendly initiatives while utilizing the resources for the conduct of examinations because the examination department is one of the primary units in the institution that utilizes a significant amount of paper.

Infrastructure:

- Office automation is being used effectively.
- It is evident from interactions with students that the administration departments provide excellent support for the student body.
- Feedback from the stakeholders reveals that the office efficiently serves them.
- The infrastructure necessities are fulfilled and maintained above the necessary standards.
- The offices, laboratories, and buildings are all well-maintained.
- 50% of the electrical needs are managed by Roof-top solar system.

Library:

- In addition to the conventional issuing of books, GRIET is implementing a novel strategy to meet the needs of students by providing a set of books that includes a prescribed textbook for each course in their curriculum.

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- Effective measures could be employed, to attract the students and the faculty.
- To assist the students who are working on collaborative projects and preparing for competitive exams, separate discussion rooms may be set up in the library.
- The library should adopt the natural/organic book preservation methods.

Placement:

- The placements department's efforts to integrate design thinking, problem solving, and programming languages into all of the programmes are yielding positive outcomes.
- The efforts taken to train the students and arrange for placements are indeed laudable.
- Placement in core companies is an issue that must be addressed because it is a prevalent phenomenon in the country.

IOAC:

- The Auditor records his appreciation for the effective quality sustenance activities.
- The timely submission of AQAR and other reports are noteworthy.
- Improvements in the domain of research and the insistence of quality metrics in publications could well be the next target of IOAC.

Student Activities:

- The college offers adequate opportunities for students to develop and showcase their natural talents.
- Students perform admirably while organizing numerous programmes within the campus.
- They are also actively participating in initiatives from other institutions and bringing laurels to GRIET.

Sports & Games:

- In spite of hilly terrain, the facilities created are to be on-par with National standards.
- The department of physical education prepares the students for various meets at the local, state, and national levels.
- Facilities for sports & games to be improved, including coaching.

Stakeholders' views:

- All students have a great deal of faith in the college administration.
- Students enjoy their time on campus and can easily communicate with faculty members.
- Students are delighted with the opportunities offered for showcasing their abilities.
- The faculty members have expressed their gratitude for receiving the essential amenities required for their professional activities.

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- Discrimination on the basis of gender or community doesn't appear to be an issue on campus.
- Staff members receive financial support for their travel expenses abroad, to attend conferences in order to complete their PhDs, etc.

To wrap up, the auditor concludes with the following remarks.

- Although there is always a scope for improvement in the design of the curriculum, research, and extension activities, the institution has been functioning quite well across all the aspects.
- The Auditor recommends to focus more on entrepreneurship activities to increase the number of startups incubate from GRIET portals.
- For good governance, there may be a greater focus on outreach initiatives and MIS adoption.
- Institutionalize the good practices nurtured in the departments.

The Auditor once again records his appreciation to the management, Director, Principal, Deans, HODs, teaching and non-teaching staff members for the cooperation extended during the visit. It is certain that GRIET will lead other institutions through the excellent quality enhancement measures.

The Auditor wishes the institution very well in all its endeavors.

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