

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY::NELLORE



Internal Quality Assurance Cell (IQAC)

Dt: 28-12-2022

To

The HoD ECE
GIST
Nellore.

Sir/Madam,

Sub: Observations made during the auditing -Reg

After reviewing the information submitted by the department for the academic Session 2021-22 II semester and interacting with faculties of department the following observations are made by the team and requested to suggest action plan towards quality enhancement.

S.No	Items	Observations
1	Course file audit	1.CO Feedback form analysis is not found in few course files. 2. Topic beyond the syllabus evidences not found. 3. Gaps identification is not properly addressed for the courses.
2	Lab file audit	1. List of experiments including additional experiments and their CO, PO/PSO mapping is not available in few Lab files. 2. list of working models /photo types/products with proper documentation not available in few lab files.
3	Department audit	1. Research publications by faculties was poor 2. NPTEL course by faculty was not found 3. Number of FDPs conducted for faculty was poor
4	Student quality enhancement audit	1.NPTEL certifications for the students found to be very low 2. It has been found that all the students are not involved in workshops, symposiums, internships. 3. It has been found that remedial classes are not adequate.
5	Teaching methodologies audit	1. Less number of teaching methodologies are used by faculty. 2. Outcome of teaching methodologies is not mentioned
6	Project file audit	1.Rubrics of the project evaluation should be precisely defined. 2. papers to be published in good reputed journals.

Other Observations:

- The number of Research Projects of the department is lacking.
- The teaching according to the academic schedule is good.
- Class room teaching is supplemented with special lecture with eminent academicians, groups discussions, paper presentation by students, industrial visits.
- Drop out rate is low.
- Importance to be communication and soft skills classes found to be low.
- No visiting professors.

The academic performance of the department is required to be improved further. It may be recommended that the department should give emphasis on collecting funds for research projects as well as organizing seminars.

Signature of the member of Audit team
Name

- ① K. Vijaya
- ② P. BHANU SRI
- ③ K.V. Revulakonda
- ④ A. Harikrishna

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GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY::NELLORE

Department of Electronics and Communication Engineering

Dt: 30-12-2022

To

The Principal
GIST
Nellore.

Sir,

Sub: Action plan suggested as per observations-Reg

Based on the observations received from IQAC for the AY: 2021-22 II Semester the following is the action plan suggested made towards quality enhancement.

S.No	Items	Action Plan Suggested
1	Course file audit	<ol style="list-style-type: none"> 1. Maintain the Result Analysis at the end of the course. It will be helpful in comparison with previous academic years and in improving the results 2. Update the Course Assessment (Plan & Execution) to reach the target. 3. CO's Summary need to be verified in PAC and DC meetings. 4. Suggested to maintain the Topic beyond the syllabus and summary of all topics beyond the syllabus need to be maintained. 5. Gap should be identified based on the pre requisites of the course and bridge between industry and curriculum. Gaps should be addressed by conducting workshop, certification courses, etc.
2	Lab file audit	<ol style="list-style-type: none"> 1. Update the List of experiments including additional experiments and their CO, PO/PSO mapping 2. Maintain the List of Major/Mini projects done by the students in this lab with Documentation
3	Department audit	<ol style="list-style-type: none"> 1. Increase the number of Research publication in reputed journals by faculty. At least one publication per semester by the entire faculty. 2. NPTEL course by faculty are to be made mandatory. 3. Online Alumni meet can be organized. 4. Encouraged PhD. Scholars to publish their work in reputed Journals.

		<p>5 Encouraged faculty and students to apply for funded research projects.</p> <p>6. Faculty members attend FDP as required for the overall development of teaching skills in terms of communication, methods and technical.</p> <p>7. Technical FDP, expert lectures, seminars etc. to be arranged by the individual departments at least once in a semester.</p>
4	Student quality enhancement audit	<p>1. Encourage all the students to register for NPTEL certifications for the student to achieve knowledge in Engineering</p> <p>2. Increase more number of training programmes and involve all the students to participate in various events.</p> <p>3. Increase number of remedial hours for difficult subjects.</p>
5	Teaching methodologies audit	<p>1. It is advised to adopt innovative teaching methodologies by each faculty member which in turn help to achieve outcome based education</p> <p>2. Outcome of teaching methodology applied should be maintained.</p>
6	Project file audit	<p>1. publish the papers in UGC journals.</p> <p>2. Literature survey on the latest papers and also from the IEEE papers ,scopus etc should be considered.</p>

Copy to IQAC



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