



Internal Quality Assurance Cell (IQAC)

Dt: 04-02-2020

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 2019-20 I 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. Result Analysis at the end of the course is not found in few files. 2. Course Assessment (Plan & Execution) is not available.. 3. Topic beyond the syllabus evidences not found. 4. Gaps identification are not properly addressed for the courses. 5. No evidences of slow learners and advance learners in file.
2	Lab file audit	1. List of experiments including additional experiments and their CO, PO/PSO mapping is not available in few files. 2. List of Major/Mini projects done by the students in this lab with Documentation not available. 3. Student and Master manual prepared by the department with additional experiments
3	Department audit	1. Research publications by all faculty not found. 2. Very few NPTEL course by faculty 3. MOU activities found to be low. 4. Conference is not organized. 5. Add the scopus database, citations for publication support
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

  
6/11/2021  
Head of the Department  
Dept. of Electronics & Communication Engineering  
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SCIENCE & TECHNOLOGY  
GANGAVARAM (V), Kovur (M)  
P.S.R, Nellore Dt. A.P. Pin : 524 137

Other Observations:

- Success rate of the student is found to be average.
- Employment of student is average.
- The number of Research Projects of the department is lacking.
- The teaching according to the academic schedule is good.

Recommendations:

- It may be recommended that the department should give emphasis on funding on research project.
- It may be recommended that the department should give emphasis on attending conferences of good standard for all faculties and funding for research.
- Microsoft certifications for students and faculty can be introduced.
- Online platform workshops can be introduced.

Signature of the member of Audit team

Name

Signature

ms. V. Bhayatri, CSE	V. Bhayatri
ms. D. Swaroopa, S&H	— D. Swaroopa
ms. B. Srinivasa Rao, ECE	— BSR
Dr. P. Vinoth Kumar, EEE	P. Vinoth Kumar
ms. K. Raga Mounika, Civil	— K. Raga Mounika
ms. CH. Mani Kiran, mech	— CH. Mani Kiran

IQAC Convener

6/11/2021  
Head of the Department  
Dept. of Electronics & Communication Engineering  
**GEETHANJALI INSTITUTE OF  
SCIENCE & TECHNOLOGY**  
GANGAVARAM (V), Kovur (M)  
G.P.S.R. Neelam Dr. A.P. Pin : 524 137

IQAC Chairperson



**GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY::NELLORE**

**Department of Electronics and Communication Engineering**

Dt: 11-02-2020

To


The Principal  
GIST  
Nellore.

Sir,

Sub: Action plan suggested as per observations-Reg

Based on the observations received from IQAC for the AY: 2019-20 I 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"><li>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</li><li>2. Update the Course Assessment (Plan &amp; Execution) to reach the target.</li><li>3. Suggested to maintain the Topic beyond the syllabus and summary of all topics beyond the syllabus need to be maintained.</li><li>4. 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.</li></ol>
2	Lab file audit	<ol style="list-style-type: none"><li>1. Update the List of experiments including additional experiments and their CO, PO/PSO mapping</li><li>2. Maintain the List of Major/Mini projects done by the students in this lab with Documentation</li><li>3. Update the Student and Master manual prepared by the department with additional experiments</li></ol>
3	Department audit	<ol style="list-style-type: none"><li>1. Increase the number of Research publication in reputed journals by faculty. Atleast one publication per semester by all the faculty.</li><li>2. NPTEL course by faculty are to be made mandatory.</li><li>3. Increase the MOU's and activities in department.</li><li>4. One conference should be mandatorily organized by the department.</li></ol>

  
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		<p>5. Online Alumni meet can be organized.</p> <p>6. Encouraged PhD. Scholars to publish their work in reputed Journals.</p> <p>7 Encouraged faculty and students to apply for funded research projects.</p> <p>8. Faculty members attend FDP as required for the overall development of teaching skills in terms of communication, methods and technical.</p> <p>9. 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>

Copy to IQAC

*PNV*  
HoD

*PNV*  
6/11/2021  
Head of the Department  
Dept. of Electronics & Communication Engineering  
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SCIENCE & TECHNOLOGY**  
GANGAVARAM (V), Kovur (M)  
G.P.S.R. Neeraj Dt. A.P. Pin : 524 137