

**SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY**

**ACADEMIC YEAR 2021-22**

**INTERNAL QUALITY ASSURANCE CELL**

<b>S. No</b>	<b>Plan of Action</b>	<b>Outcomes</b>
<b>1</b>	Initiative need to be taken for increase in intake for emerging courses	Got Approval from AICTE & JNTUH for increasing seats in CSE(AIML)-120, CSE(DS)-120, CSE (CS)-90 and AI & DS-120.
<b>2</b>	To Conduct TechnoStav'22 and annual day for increasing the student's involvements.	Conducted with good number of participations
<b>3</b>	To conduct CRT Classes for all Third year and final year students	Company specific trainings and CRT classes were conducted for 15 days to ensure the readiness of the students for placement scope.
<b>4</b>	To conduct academic audit process and to strengthen the academic T-L Process	Audit process was initiated for ensuring effective teaching-learning process and qualitative measures. In a semester 2 audits were conducted.
<b>5</b>	To cultivate strong research activities and to conduct corporate level Faculty training Program	R&D Cell is strengthened and also conducted FDP on Effective Research Paper Writing, Drafting Project Proposals and Identifying Trust Areas etc.,
<b>6</b>	More project proposals are to be submitted for various funding agencies	21 Project proposals were submitting to various funding agencies and 9 for extension activities.

<b>7</b>	More technical events are to be conducted for students skill enhancements by the departments	As part of students' skill enhancement schemes, the departments were collaborated with various agencies and conducted 169 technical events, awareness programs, career guidance and skill development courses.
<b>8</b>	Students Support Survey need to analyzed	Completed survey with strong key aspect
<b>9</b>	Placement activities required to be reviewed	Totally 73 companies were visited and 886 students got placed, 1168 offers issued.
<b>10</b>	To review the NBA renewal process	NBA Accredited by CSE & ECE for three years.
	To prepare AQAR for assessment	Collected necessary details for upload
<b>11</b>	Strategies for getting rank in NIRF, ARIIA and IIC star rating system.	Participated in ARIIA ranking scheme and got recognized as "PROMISING BANK" and also participated in NIRF. In IIC we rated as 4-star category.
<b>12</b>	To apply for R & D Centre Recognition under JNTUH	The Department of CSE has got Recognized as approved Research Centre under JNTUH
<b>13</b>	To participate in Hackathon 1.0 conducts by MSME-DI under HI/BI Scheme.	Our institution has got Recognized SICET Incubation centre under HI/BI scheme approved by MSME-DI. And also submitted 12 Ideas for Funding.

<p><b>14</b></p>	<p>To conduct national/ international level symposium and conference</p>	<p>Conducted SERB sponsored Two Day National Level Technical Symposium - INDUiwai'22. For upskilling the students &amp; faculty qualities more than 145 activities were conducted.</p>
<p><b>15</b></p>		



**Estd.2001**

**SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY**

**Internal Quality Assurance Cell (IQAC)**

**ACTION TAKEN REPORT ON STAKEHOLDERS FEEDBACK**

**April 2022**

**SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY**

**ACADEMIC YEAR 2021-22**

**ACTION TAKEN REPORT ON STAKEHOLDERS FEEDBACK**

**Consolidated Feedback**

<b>S. No</b>	<b>Name of the Programme</b>	<b>Suggestions by the Alumni Members</b>
1	Mechanical Engineering	<ol style="list-style-type: none"><li>1. Need more skill oriented subjects, practicals and value added courses</li><li>2. Identifying the requirements of industry needs, As per the requirement suggested to frame the syllabus.</li><li>3. Learning Advanced tools related to mechanical is mandatory.</li><li>4. More industrial visits and internships for students will help them to get aware on recent technology.</li></ol>
2	Civil Engineering	<ol style="list-style-type: none"><li>1. Involving students to develop their own designs for building constructions, Roads, Dams etc.,</li><li>2. Create opportunity for prepare and implementing their project plan in real world.</li><li>3. Encourage students to gain more technical skills during their course of period.</li><li>4. Most important one is communication skill. So that they can easily interact with their clients and explain their plan.</li></ol>
3	Electrical and Electronics Engineering	<ol style="list-style-type: none"><li>1. Students must be trained with both software and Simulation tools like Matlab, Auto desk etc</li><li>2. Include the Design, develop and Testing of Electrical equipment in practical classes.</li><li>3. Give importance to placement relevant activities and also initiate self-employment opportunities.</li></ol>
4	Electronics and Communication Engineering	<ol style="list-style-type: none"><li>1. Creating Awareness about core companies and specific training to get through into it.</li><li>2. Plan to conduct Gate coaching class inside the campus</li></ol>

		<p>3. As wider scopes are there for ECE, train the students by finding their suitability.</p> <p>4. Give more practical exposure to the students.</p> <p>5. Arrange more Industrial visits and provide internship opportunities.</p>
6	Information Technology	<p>1. More modernized Lab facilities with various latest software upgradation required.</p> <p>2. Industry institute interconnection must be strengthened in various modes.</p> <p>3. In curriculum design or upgradation add more emerging courses as subjects.</p> <p>4. More events need to be organized.</p>

<b>S. No</b>	<b>Name of the Programme</b>	<b>Suggested by the Employers</b>
1	Mechanical Engineering	<p>1. Increase the number of field visits and internships need be arranged.</p> <p>2. Conduct more workshops and Hands on training.</p> <p>3. Conduct classes for verbal and non-verbal communication.</p> <p>4. Motivate students to do their own design and development.</p> <p>5. Motivate students to participate in Hacathon, Ideathon, for getting exposure on outside world.</p>
2	Civil Engineering	<p>1. More practical oriented knowledge to be imparted in lab sessions.</p> <p>2. Industrial visits and internships must be made mandatory from 3<sup>rd</sup> year onwards.</p> <p>3. Give career guidance and self employable trainings.</p> <p>4. Involve students in core competencies related events.</p> <p>5. Skill oriented development must be focused for all students.</p>
3	Electrical and Electronics Engineering	<p>1. Training session need to be organized for simulation tools, which are needed for</p>

		<p>design and testing the electrical equipments.</p> <ol style="list-style-type: none"> <li>2. Give importance to placement relevant activities.</li> <li>3. Mostly focus on create the importance and value of core company jobs.</li> <li>4. Motivate the students to actively take part in creating new project ideas and develop for implementation.</li> <li>5. Through MOU's , have strong bond between industry and institute in conducting various events and trainings.</li> </ol>
4	Electronics and Communication Engineering	<ol style="list-style-type: none"> <li>1. Industry Institute Interaction should be more.</li> <li>2. Arrange more expert lecture.</li> <li>3. Upgrade knowledge on Python Programming</li> <li>4. Need more focus on internships, industrial visits and industrial projects.</li> <li>5. Establish more MOUs</li> <li>6. Communication skills to be improved</li> <li>7. More software skills to be imparted</li> <li>8. Self-learning platforms are to be incorporated</li> <li>9. Demonstrative mode and experimental mode of classes to be conducted.</li> <li>10. Industry relevant electives can be opted.</li> <li>11. Technical fitness are to be ensured.</li> <li>12. Research Laboratories need to be strengthened.</li> </ol>
5	Computer Science and Engineering	<ol style="list-style-type: none"> <li>1. Latest Programming skills like Python, C, C++ need to be trained by everyone.</li> <li>2. Involve students to participate in various events like coding contest, Ideathon, Hackathon etc.</li> <li>3. Not only the recent one but also the basic programming knowledge also required.</li> <li>4. Create centre of excellence. Give opportunity for certification courses inside</li> </ol>

		<p>the campus.</p> <ol style="list-style-type: none"> <li>5. Give importance to placement relevant activities</li> <li>6. Arrange more workshops by inviting industry experts.</li> <li>7. Provide research lab for app developers, code developers etc with required facilities.</li> <li>8. For industry readiness make sure students are with required skills sets and proper training.</li> </ol>
6	Information Technology	<ol style="list-style-type: none"> <li>1. Programming skills are more important.</li> <li>2. Self Employability skills are to be imparted.</li> <li>3. Strong exposure is required on Python, C, C++ and also basic programming skills.</li> <li>4. Both verbal and non – verbal communication oriented training session must be organized.</li> <li>5. Arrange more workshops by inviting industry experts.</li> </ol>

<b>S. No</b>	<b>Name of the Programme</b>	<b>Suggestions from Parents</b>
1	Mechanical Engineering	<ol style="list-style-type: none"> <li>1. Good Placements and Trainings required.</li> <li>2. Involve students in co-curricular and extra-curricular activities.</li> <li>3. Increase Canteen facilities</li> <li>4. Transport facilities, request more RTC buses during college timings.</li> </ol>
2	Civil Engineering	<ol style="list-style-type: none"> <li>1. Need Placement in reputed industries and Organization.</li> <li>2. Canteen facilities need to increase.</li> <li>3. Required RTC buses during college timings</li> <li>4. Industrial visits from III year onwards.</li> </ol>
3	Electrical and Electronics Engineering	<ol style="list-style-type: none"> <li>1. Need placements</li> <li>2. Career Guidance program</li> <li>3. Impart more practical knowledge</li> </ol>
4	Electronics and Communication Engineering	<ol style="list-style-type: none"> <li>1. Need Placements in reputed industry.</li> <li>2. Create Outside world exposure by involving students in various activities.</li> </ol>



		3. More Facilities needed for practical classes with additional lab facilities.
5	Computer Science and Engineering	1. Good placements with high packages. 2. More certification courses required to conduct internally by using industrial experts. 3. Involve students to participate in external competitions.
6	Information Technology	1. Placements with good package needed 2. Academic support and involvement 3. Lab facilities are to be enhanced

S. No	Feedback from Outgoing Students	Action Taken
1	Please provide the internet facilities in all the academic building	High speed Internet connections through WIFI are provided in all the blocks.
2	Improve interaction with students	Class room interaction by subject handlers and HoD are done in regular intervals. It was conducted separately also in the various mode like mentoring, motivational class, class committee meetings etc.,
3	Hostel amenities can be improved. Hostel facilities should be improved.	As per the students expectation the changes have been made to meet their comfortness, still aiming to bring standards.
4	Improve placement interaction with students and improve placement	Placement cell was taken up initiative to provide multiple offers, good package companies, to all the students. Regarding this more CRT programmes, Pre-placement talk by HR's, Placement orientation programmes are organized often. The Regular communication to students have been made through mail to students, students WhatsApp group, department notice board, Head's of department etc.,

5	New industry related tools can be given to the students to bridge the requirements	Our institution also very keen on providing various trainings in software tools used in industries. Lab facilities also provided to meet such standards.
6	Give the aware on importance of soft skills for the students.	We are organizing various training programmes through placements and departments to create awareness and industry readiness to our students.
7	Encourage the student for entrepreneurial activities. Support for startups	In this academic year so many events organized for awareness on entrepreneurship, And also S-Hub, P-Hub and innovation council activities will continue to support innovative startups
8	Develop more sports facilities and conduct more extra- curricular activities	A well established indoor and outdoor stadium are inside the campus. Interested students are utilizing after college working hours to practice and participate in extracurricular activities.
9	Arrange more industrial visit	Industrial visits have been organized by each department in this academic year for III year and IV year students.
10	We are requesting corporate driven internship programmes.	Many number of internship programmes were recommended for the students and they participated.
11	Conduct co-curricular activities for the students from the department	In this academic year More events organized like Technical symposium, Coding contest, Ideathon etc.,
12	Activity oriented classes are required	As a part of teaching learning process, faculties are instructed to follow activity based teaching, and also ICT enabled activities were introduced

13	Support for higher studies globally	As many students were concerned in doing higher studies, in this academic year more awareness programs were organized.
14	Technical training programmes are invited	Departments have taken initiative in Conducting seminars/ workshops/ webinars/ experts talk etc., and also mandated for every semester.