

SONA COLLEGE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Stake Holders Curricular Design Feedback Action Taken Report

Programme: CSE Academic Year: 2022-23(Odd)

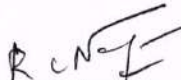
Date: 30.07.2022


S.No	Stakeholders	Comments Given by Stakeholders	Action to be taken	Action taken
1	Faculty	<ul style="list-style-type: none"><li>• Dedicated teams can be developed for the participation in National level technical events.</li><li>• Specialization courses can be introduced for the students.</li></ul>	<ul style="list-style-type: none"><li>• Identify Key Events that the students can participate.</li><li>• Organize training programmes and workshops to enhance the technical skills and knowledge of team members.</li><li>• Allocate the necessary resources, including funding, equipment, and mentorship, to support the dedicated teams.</li><li>• Create a detailed schedule that outlines deadlines, milestones, and key tasks leading up to the events.</li><li>• Organize regular practice sessions and simulations to prepare the teams for the actual competition or event. This helps them gain experience and build confidence.</li><li>• Promote the participation through various channels, including social media, newsletters, and campus</li></ul>	<ul style="list-style-type: none"><li>• Determine the relevant events for the program. Research and list down the events that align with your curriculum and student interests.</li><li>• Established a process for team formation, by considering students' skills, and interests.</li><li>• A diverse group of participants are formed with a suitable leader to bring different perspectives to the teams.</li><li>• Assigned faculty members or industry experts/Alumni as mentors to guide the teams, offer technical advice, and provide support throughout the process.</li><li>• Connect with alumni, professionals, or experts in the field who can offer insights, advice, and</li></ul>

			<p>announcements.</p> <ul style="list-style-type: none"> <li>• After each event, conduct a thorough evaluation of the team's performance. Gather feedback from team members, mentors, and judges to identify areas for improvement.</li> <li>• Acknowledge and celebrate the achievements of teams.</li> <li>• Keep records of the team's journey, including lessons learned, best practices, and materials developed. This documentation can be valuable for future teams.</li> </ul>	support.
2	Students	<ul style="list-style-type: none"> <li>• More concepts of web technology should be covered in earlier semester</li> <li>• Majority of the students strongly agreed that the interaction by teachers with students is more feasible and reliable</li> </ul>	<ul style="list-style-type: none"> <li>• The department should conduct a thorough review of the existing curriculum to identify opportunities to introduce web technology concepts in earlier semesters. This may involve reshuffling existing courses or creating new ones to ensure a balanced and progressive coverage of web technology topics in the subsequent curriculum.</li> <li>• Faculty Training and Resources:</li> <li>• Provide training and resources to faculty members to ensure they are well-equipped to teach web technology concepts effectively.</li> <li>• Encourage faculty to stay current with the latest developments in web technology through workshops, online courses, or conferences.</li> <li>• By implementing these action</li> </ul>	<ul style="list-style-type: none"> <li>• Ensured that adequate resources and study materials are available to students to support their learning of web technology. This may include textbooks, online resources, and access to relevant software or tools.</li> <li>• Introduced fundamental web technology concepts, such as HTML, CSS, and basic JavaScript, in the introductory courses to provide students with a strong foundation.</li> <li>• Workshops or training sessions can be organized.</li> <li>• Continue to gather feedback from students through surveys or discussions to gauge the effectiveness of the changes made and to make further adjustments as necessary.</li> <li>• Developed a clear timeline for when these changes will be</li> </ul>

			<p>points, you can ensure that more web technology concepts are covered in earlier semesters, providing students with a more comprehensive and relevant education in web development.</p>	<p>implemented, and communicate this to students.</p>
3.	Alumni	<p>The project expo should focus more on problem-solving, analytical thinking, and design innovation to better prepare students for real-world challenges.</p> <p>Efforts should be made to enhance the quality and effectiveness of the internship program to provide students with practical, hands-on experiences that align with industry expectations and standards."</p>	<ul style="list-style-type: none"> <li>• Provide training and resources to faculty members to help them effectively teach problem-solving, analytical thinking, and design innovation. Encourage the use of innovative teaching methods and real-world problem-solving scenarios in their courses.</li> <li>• Strengthen partnerships with reputable organizations and businesses to offer more diverse and high-quality internship opportunities. These partnerships can also include involvement in project expos, where industry experts can assess and provide feedback on students' projects, enhancing the real-world relevance of these endeavors.</li> </ul>	<ul style="list-style-type: none"> <li>• Review and update the curriculum to incorporate more opportunities for problem-solving, analytical thinking, and design innovation throughout the students' academic journey. This can involve integrating case studies, projects, and coursework that emphasize these skills.</li> <li>• Collaborate with industry partners to revise and enhance the internship program's structure. Ensure that students are exposed to practical, hands-on experiences that closely align with industry expectations and standards. Establish clear learning objectives, mentorship, and evaluation processes for internships.</li> </ul>
5	Employers	<ul style="list-style-type: none"> <li>• Final year projects need to be more industry relevant</li> </ul>	<ul style="list-style-type: none"> <li>• Provide training and resources to faculty members to help them effectively teach problem-solving, analytical thinking, and design innovation. Encourage the use of innovative teaching methods and real-world problem-solving scenarios in their courses.</li> <li>• Collaborate with industry partners to revise and enhance the internship</li> </ul>	<ul style="list-style-type: none"> <li>• Value added courses with hands-on sessions are conducted to improve the technical skills of the students.</li> <li>• Reviewed and updated the curriculum to incorporate more opportunities for problem-solving, analytical thinking, and design innovation throughout the students' academic journey. This can involve integrating case studies, projects, and</li> </ul>

			<p>program's structure. Ensure that students are exposed to practical, hands-on experiences that closely align with industry expectations and standards. Establish clear learning objectives, mentorship, and evaluation processes for internships.</p> <ul style="list-style-type: none"> <li>Strengthen partnerships with reputable organizations and businesses to offer more diverse and high-quality internship opportunities. These partnerships can also include involvement in project expos, where industry experts can assess and provide feedback on students' projects, enhancing the real-world relevance of these endeavors.</li> </ul>	<p>coursework that emphasize these skills.</p>
		<p>The skill level of the students must be improved.</p>	<ul style="list-style-type: none"> <li>Enhancing the specific skills and competencies that employers have identified as lacking in students.</li> </ul>	<p>Implement skill development programs that focus on enhancing the specific skills and competencies that employers have identified as lacking in students. These programs can include workshops, courses, or training sessions to help students acquire the necessary skills.</p>

  
**BOS Coordinator**

  
**HoD / BOS Chairman**  
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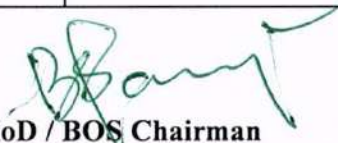
Date: 12.1.2023

Programme: CSE Academic Year: 2022-23(Even)

S.No	Stakeholders	Comments Given by Stakeholders	Action to be taken	Action taken
1	Faculty	<p>Need to include some elective paper in the syllabus.</p> <p>Curriculum needs to change with the inclusion on new technologies.</p> <p>Innovative teaching methodologies may be popularized.Fine tuning of program objective with industry objectives.</p>	<ul style="list-style-type: none"><li>Continuously fine-tune the program's objectives to align with the needs and expectations of the industry, ensuring graduates are well-prepared for employment.</li><li>Develop and promote self-paced technology courses and workshops to facilitate students' self-improvement and keep them informed about current market trends.</li><li>Organize workshops and activities that enhance students' programming ability and critical thinking skills.</li></ul>	<p>As per the current needs of the industry, a course on current computing trends is provided in the curriculum</p> <p>Case study assignments were given to the students to acquire problem solving skills related to their subjects</p> <p>Innovation in modes of content delivery was encouraged. Information on different ICT tools and teaching apps were provided to faculties. Incorporation and mapping of Blooms Taxonomy with course outcomes and their attainment with program outcomes was practiced.</p>
2	Students	<p>Self-paced courses on technology can increase knowledge on current trend in the market .</p> <p>Other than regular curricula</p>	<ul style="list-style-type: none"><li>Encourage students to take an active role in their learning by allowing them to choose the self-paced courses and activities that align with their interests and career goals.</li><li>Implement assessments and skill-building exercises to track progress and ensure that students are</li></ul>	<p>As per the current need of the industry, a course on current computing trends is provided in the curriculum. Along with that students are facilitated for the participation in online courses from NPTEL ,spoken tutorial, IIT Mumbai in</p>

		workshops or activities should be carried out to improve programming ability and critical thinking.	mastering the concepts and skills covered in the self-paced courses and workshops.	the form of Audit courses,. • Industry Oriented courses are included in the curriculum.  Volant Workshop and Appathan is conducted every year
3	Alumni	Practical knowledge should be improved by arranging lectures by industry experts.  Courses like cyber security and cloud services software can be offered.	<ul style="list-style-type: none"> <li>• Arrange a series of lectures and workshops conducted by industry experts.</li> <li>• Foster collaboration with industry partners and professionals who can contribute to the development of course content and share their expertise through lectures, workshops, and mentoring.</li> <li>• Ensure that these courses include hands-on practical training, labs, and projects that allow students to apply what they've learned in real-world scenarios.</li> </ul>	<ul style="list-style-type: none"> <li>• Courses on cloud computing is added in the curriculum.</li> <li>• Certificate course on Cyber Security is scheduled.</li> </ul>
4	Employers	Build strong alumni network.  New skill-based courses as per current trends in the IT industry should be added to the curricula.	<p>The Industry Advisory Board can actively work on building a strong alumni network by engaging alumni members and industry professionals in mentoring, networking, and career guidance programs for current students.</p> <p>The board can provide ongoing insights into the current trends and emerging skills required in the IT industry. It can recommend updates and additions to the curricula, ensuring that new skill-based courses are aligned with industry demands.</p> <p>Maintain a continuous feedback loop with the Industry Advisory Board to stay current with industry needs and adapt the educational programs accordingly.</p>	<ul style="list-style-type: none"> <li>• Teachers are motivated to connect to more alumni.</li> <li>• It has been surveyed to acquaint with the knowledge about skill based course referring with the other reputed institutes and alumni.</li> </ul>

  
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