

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Stake Holders Curricular Design Feedback Action Taken Report

Date: 06.07.2019

Programme: CSE Academic Year: 2019-2020 (ODD)

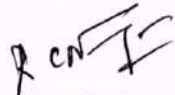
S.No	Stakeholders	Comments Given by Stakeholders	Action to be taken	Action taken
1	Faculty	Artificial Intelligence can be shifted to 6 th semester which would help students for placement	<p>Industry Collaboration:</p> <p>a. Strengthen ties with industry partners, especially those in AI-related fields, to understand their hiring requirements and expectations.</p> <p>b. Collaborate with these industry partners to develop or update the AI curriculum in a way that aligns with industry demands, ensuring that students are well-prepared for job placements.</p> <p>c. Implement internships, co-op programs, or industry-sponsored projects that provide students with practical AI experience and connections to potential employers.</p> <p>Continuous Curriculum Review:</p> <p>a. Establish a mechanism for ongoing</p>	<p>Curriculum Adjustment:</p> <p>a. Reviewed the current curriculum structure to assess the feasibility of shifting AI courses to the 6th semester.</p> <p>b. Identified the AI courses that could be moved to the 6th semester and adjust the prerequisites to ensure students have a strong foundation in mathematics, programming, and related subjects.</p> <p>c. Consider the integration of AI-related topics and projects in earlier semesters to maintain student engagement and provide a smoother transition to more advanced AI courses in the 6th semester.</p>

			<p>curriculum review and updates to ensure that the AI courses remain relevant and up-to-date with the fast-paced advancements in the field.</p> <p>b. Consider the implementation of AI specializations or tracks that allow students to focus on specific areas of AI, such as machine learning, natural language processing, computer vision, etc., in their later semesters.</p>	
2	Students	More Practical oriented course should be included	<p>Industry Partnerships:</p> <p>a. Forge strong partnerships with local industries, businesses, and organizations to provide students with opportunities for internships, co-op programs, or real-world projects.</p> <p>b. Encourage faculty to collaborate with industry partners to develop curriculum content and bring real-world challenges into the classroom.</p> <p>c. Establish advisory boards consisting of industry professionals who can guide the development of practical courses and provide input on the skills and knowledge that are most relevant for the job market.</p> <p>d. Promote networking events, career fairs, and guest lectures to expose students to professionals and employers who can</p>	<p>Curriculum Enhancement:</p> <p>a. Identified areas within the existing curriculum where practical-oriented courses can be integrated, emphasizing hands-on experiences and real-world applications.</p> <p>b. Collaborated with faculty and industry experts to develop or revamp courses that emphasize practical skills, such as project-based learning, case studies, internships, or labs.</p> <p>c. Offer courses that focus on emerging technologies or tools relevant to students' chosen fields, ensuring that they have exposure to the latest industry trends.</p> <p>d. Ensure that assessment methods for these courses include practical projects, presentations, and experiential learning,</p>

			provide insights into the practical aspects of their chosen fields.	rather than relying solely on theoretical exams
3	Parents	Industry Oriented courses is required in the curriculum	<p>Internship and Co-op Programs:</p> <p>a. Establish formal internship and co-op programs that provide students with opportunities to work in real-world settings in collaboration with industry partners.</p> <p>b. Develop partnerships with a variety of companies and organizations to offer a range of internship opportunities across different fields of study.</p> <p>c. Ensure that these programs are well-structured, supervised, and integrated into the academic curriculum, allowing students to earn academic credits while gaining practical experience.</p> <p>d. Provide resources and support to students, such as career counseling, resume building, and interview preparation, to maximize the benefit of their industry training.</p> <p>e. Set clear learning objectives and assessment criteria to ensure that students are gaining valuable skills and knowledge during their industry training.</p>	<p>Industry-Embedded Courses:</p> <p>a. Introduced industry-embedded courses that are co-taught by faculty and industry professionals or experts.</p> <p>b. These courses can provide students with the opportunity to work on real projects, case studies, or research topics directly related to industry needs.</p> <p>c. Ensured that these courses have a strong practical focus, with students actively applying their knowledge and skills to solve real-world problems.</p> <p>d. Invited industry representatives to participate in curriculum development, review, and as guest lecturers, to bridge the gap between academia and the industry and they can offer one credit courses on emerging trends.</p> <p>e. Incorporated feedback mechanisms to continuously evaluate the relevance and effectiveness of industry-embedded courses, making necessary adjustments to meet changing industry demands.</p>

4	Alumni	More Project expo should be done	<p>Project Funding and Support:</p> <p>a. Allocate resources for project funding, grants, or stipends to motivate students to undertake ambitious and innovative projects that can be showcased at expos.</p> <p>b. Establish mentorship programs where alumni or industry professionals can guide students through the project development process, ensuring the quality and relevance of the projects.</p> <p>c. Provide technical and logistical support for students to help them effectively present their projects, including poster printing, equipment, and presentation skills training.</p> <p>d. Encourage faculty to incorporate project-based learning into the curriculum, so students are continuously working on meaningful projects that can eventually be presented at expos.</p> <p>e. Create a digital platform or portfolio system for students to document and showcase their projects, ensuring that their work is accessible and visible to a wider audience.</p>	<p>Project Expo Events:</p> <p>a. Increased the frequency and scale of project expo events within the institution, giving students more opportunities to showcase their projects.</p> <p>b. Organized department-level, college-level expos, depending on the size and structure of the institution, to encourage healthy competition and the sharing of innovative projects.</p> <p>c. Collaborated with alumni to serve as judges or guest speakers at these expos, providing students with valuable feedback, insights, and industry connections.</p> <p>d. Promoted interdisciplinary collaboration, allowing students from various fields to participate in and learn from each other's projects.</p> <p>e. Publicize these events to a broader audience, inviting industry representatives, potential employers, and the local community to attend and engage with the students.</p>
5	Employers	Practical and Technical Exposure	Provide students with access to industry mentors who can guide them through technical challenges and real-world	Students are sent to different companies for internship and participation in various hackathon/appathon for practical

			<p>projects.</p> <p>Establish mechanisms for employers to provide feedback on the skills and preparedness of interns and co-op students, enabling continuous improvement of the programs.</p>	<p>exposure.</p> <p>Collaborated with employers and industry experts to review and update the curriculum to align with current industry needs, trends, and technologies.</p> <p>Introduced courses that emphasize practical and technical skills relevant to the job market, such as hands-on projects, labs, workshops, and real-world case studies.</p>
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Signature of BOS Coordinator



HoD / BOS Chairman

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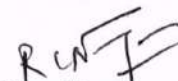
Date: 20.12.2019

Programme: CSE Academic Year: 2019-20 (Even)

S.No	Stakeholder	Comments Given by Stakeholders	Action to be taken	Action taken
1	Faculty	Department must introduce more elective subjects in the curriculum	<ul style="list-style-type: none">Engage with students to gather input on their interests and preferences for elective subjects. Conduct surveys and solicit feedback to ensure that the introduced electives are aligned with students' academic and career aspirations.	<ul style="list-style-type: none">Conducted a comprehensive review of the curriculum to identify areas where additional elective subjects can be incorporated. Develop new elective courses that align with the department's goals and students' interests.
2	Students	<ul style="list-style-type: none">Small projects to be included in the core subjectsExtra lab session should be conducted for those missed labs.	<ul style="list-style-type: none">Provide faculty with training and resources to effectively incorporate small projects into their core courses. This training should include guidance on project design, evaluation, and mentoring of students.Offer flexibility in scheduling lab sessions to accommodate students who may have missed labs due to unavoidable circumstances. Ensure that students have the chance to catch up on missed practical work.	<ul style="list-style-type: none">Revised the curriculum to integrate small projects into the core subjects. These projects should be designed to provide practical application of theoretical knowledge and hands-on experience.Developed a system for organizing make-up lab sessions for students who missed the original lab sessions due to legitimate reasons. Ensure that these make-up sessions cover the same material and provide opportunities for hands-on learning.

3	Parents	<ul style="list-style-type: none"> • More training should be given to wards to get good jobs. • Library should have more books for the subjects taught 	<ul style="list-style-type: none"> • Implement skill development programs and workshops that focus on enhancing the specific skills and competencies that are in demand by employers. These programs should provide students with practical and hands-on training to improve their employability. • Allocate additional resources to expand the library's collection by acquiring more books and reference materials that align with the subjects taught in the curriculum. This includes both physical books and digital resources such as e-books and online databases. 	<ul style="list-style-type: none"> • Established and promote career counseling services to help students make informed career choices, set career goals, and acquire the skills necessary to secure good jobs. Additionally, enhance the institution's job placement services to assist students in finding employment opportunities. • Conducted a needs assessment to identify the specific subjects and topics for which additional books are required. Engage with faculty and students to gather input on the areas where the library's collection needs improvement.
4	Alumni	<ul style="list-style-type: none"> • Special training session should be conducted to identify bright students placement opportunities • Department can offer teaching assistance ship to meritorious PG Students • Project should be relevant and related to real world problems 	<ul style="list-style-type: none"> • Establish talent identification programs aimed at recognizing and nurturing exceptional students. These programs can include assessments, mentorship, and additional training to prepare them for unique placement opportunities. • Create a platform or program that encourages alumni to return to the institution as guest lecturers or adjunct faculty members. Alumni with relevant expertise can contribute by teaching courses or sharing their industry insights with current students. • Collaborate with industries and organizations to propose projects that are grounded in real-world issues. This collaboration can lead to projects that have 	<ul style="list-style-type: none"> • Enhanced placement assistance programs to provide specialized support for high-achieving students. This may involve personalized career counseling, interview preparation, and introductions to potential employers interested in hiring top talent. • Offer opportunities for alumni to pursue further education or professional development within the department. This can include advanced courses, workshops, or research collaborations that allow alumni to continue their involvement with the institution. • Aligned the curriculum with real-world challenges and ensure that projects integrate practical applications and address contemporary issues. Encourage students to work on projects that have

			direct industry input, mentorship, and relevance, giving students valuable experiences in addressing practical problems.	real-world relevance and provide solutions to existing problems.
5	Employers	<ul style="list-style-type: none"> Recruiters suggested that the students should be strong in interpersonal skill and focus on personality development for the interview process Students should be more participative and familiar about collaborative team efforts 	<ul style="list-style-type: none"> Enhance career counseling services to include guidance on personality development and interpersonal skill improvement. Provide students with resources, mentorship, and coaching to build their confidence and professionalism. Engage in extracurricular activities and clubs that emphasize teamwork and collaboration. These activities provide opportunities for students to develop and showcase their collaborative skills beyond the classroom. 	<ul style="list-style-type: none"> Implemented soft skills workshops and training programs that focus on interpersonal skills, communication, and personality development. These workshops can help students enhance their abilities to excel in interviews and interact effectively in professional settings. Promoted collaborative learning experiences within the curriculum. Encourage group projects, team-based assignments, and extracurricular activities that require students to work together effectively. This fosters a participative and team-oriented mindset.


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