AUTONOMOUS

Actions Taken for Feedback on Syllabus

(AY 2022-23)

Model Institute of Engineering & Technology (Autonomous)

NAAC "A" Grade Accredited

TABLE OF CONTENT

STUDENT FEEDBACK ON CURRICULUM (2022-23)

Civil Engineering Department

ACTION TAKEN REPORT

Observations/Suggestions	Action Taken
• Students asked for more hands-on practice and real-world application of what they learn in class. • Suggested having more chances to intern at companies to gain practical knowledge and experience. • Expressed the need for new subjects related to emerging trends in civil engineering, like urban transportation planning and green building practices. • Students wished for the opportunity to access online courses or resources to enhance their learning.	• Addressed student suggestions and feedback by introducing skill enhancement courses, internship opportunities, and placement-specific courses in 5th and 6th semesters. • Included courses like Urban Transportation Planning in response to industry demands. • Introduced new courses and labs like Construction Planning and Management, Construction Planning and Management Lab, and Green Building Infrastructure and Architecture in the 6th semester to align with emerging domains. • Introduced a non-credit MOOC course in the 6th semester focusing on emerging domains. • Established a linkage with Coursera, providing students unlimited access to the platform's resources, guided projects, and industry certifications.

STUDENT FEEDBACK ON CURRICULUM (2022-23)

CSE AI-ML Department

ACTION TAKEN REPORT

Observations/Suggestions	Action Taken
• Students desired a curriculum starting with a strong focus on Artificial Intelligence and Machine Learning. • They recommended the early introduction of specialized AI & ML courses to enhance their preparedness for their chosen career path. • Faculty should provide more real-time coding examples for better logic comprehension. • Increase practical work and interactivity in labs and classes. • Emphasize the development of skills rather than excessive theory.	• The existing curriculum for the 1st and 2nd semesters of the B.E CSE program, previously sanctioned by the Academic Council, was adopted in the B.E CSE (AI and ML) program. • Specialized curriculum tailored for the B.E CSE (AI and ML) program, will be implemented from the 3rd semester onwards. This decision aimed to address the specific needs and expectations expressed by students pursuing AI&ML engineering. • Encouraged faculty to incorporate real-time coding examples for improved logic comprehension. • Enhanced practical work and interactivity in labs and classes. • Adapted the curriculum to include practical-based learning methods. • Emphasized skill development over excessive theory.

STUDENT FEEDBACK ON CURRICULUM (2022-23)

CSE Department

ACTION TAKEN REPORT

Observations/Suggestions	Action Taken
• Students expressed the need for more practical learning, like internships and projects, to get ready for jobs. • They asked for courses like Python, Blockchain, and AI to match what companies are looking for in the IT field. • Suggested to learn more about emerging technologies like AI with Computer Vision to stay up to date. • They suggested access to online learning platforms like for extra learning and certifications beyond regular classes.	• The feedback regarding the need for skill enhancement courses was implemented. Actions included the introduction of a 3-credit internship course, specific placement-oriented modules in the 5th and 6th semesters, and a mini-project course in the 6th semester. These additions aimed to provide practical exposure and enhance students' readiness for the industry. • In response to the observed industry demand, Python Programming and a corresponding lab session were introduced in the 5th semester. This addition was aimed at aligning students' skills with the prevalent requirements in the IT sector. • To address emerging technological domains, courses on Blockchain Technology and AI with Computer Vision were included in the 6th semester. These additions aimed to equip students with competencies relevant to rapidly evolving fields. • A partnership with Coursera was established to provide students with unlimited access to the platform. Well-structured learning paths, inclusive of guided projects and industry certifications, were made available. This initiative aimed to broaden students' learning opportunities beyond the traditional curriculum.

STUDENT FEEDBACK ON CURRICULUM (2022-23)

ECE Department

ACTION TAKEN REPORT

Observations/Suggestions	Action Taken
• Students asked for an updated IoT course, wanting to focus more on machine communication to match the latest tech advancements. • They suggested for a hands-on approach to learn IoT concepts. • The students suggested introducing skill enhancement courses like internships and placement-specific classes to gain more practical experience. • To align with the current demands of the field students expressed the need for courses like Wireless and Mobile Communication, VLSI Circuit Design, and Verilog HDL Programming Lab. • Students emphasized the requirement for additional courses centered on emerging technologies beyond the usual curriculum to explore new advancements.	• The curriculum of the Internet-of-Things course was updated to include elements focusing on machine communication, aligning it with the evolving technological landscape. • The incorporation of Raspberry Pi was emphasized in both the course curriculum and the associated lab activities for ECE-501 (Internet-of-Things) and ECE-511 (Internet-of-Things Lab). • Specific IEEE protocols were included in the fourth unit of the Internet-of-Things course, enhancing students' understanding of industry-relevant standards. • Actions were taken to introduce skill enhancement courses, including a 3-credit internship after the fourth semester and placement-specific courses in the 5th and 6th semesters. This initiative aimed to augment practical exposure and industry readiness. • To equip students with essential knowledge, courses such as Wireless and Mobile Communication, VLSI Circuit Design, and a Verilog HDL Programming Lab were introduced in the 6th semester, catering to the demands of the field. • An additional non-credit MOOC (Massive Open Online Course) in the 6th semester focused on new emerging domains was introduced. This initiative aimed to expose students to cutting-edge technologies beyond the regular curriculum.

STUDENT FEEDBACK ON CURRICULUM (2022-23)

MBA Department

ACTION TAKEN REPORT

Observations/Suggestions	Action Taken
• To improve the skills in industry-standard tools, students suggested incorporating training on software packages into their regular coursework. • Students expressed the need to develop continuous learning abilities and introduce diverse learning resources beyond the usual curriculum. • Courses tailored to industry demands were requested by students to ensure alignment with current market needs and equip them with industry-specific skills.	• In response to feedback, training on various software packages like Primavera, Microsoft Project, Hubspot, Salesforce, Zoho, and Microsoft Power BI was included as a part of the regular coursework. • This addition aimed to enhance students' proficiency in utilizing these tools commonly used in the industry. • A non-credit MOOC was introduced as a mandatory course for all students. This initiative aimed to instill lifelong learning skills and expose students to diverse learning resources beyond the traditional curriculum. • Seven emerging courses, including Advanced Digital Marketing, Corporate Taxation, Behavioural Finance, Human Resource Analytics, Business Intelligence and Applications, Cloud Computing for Managers, and Artificial Intelligence for Business Managers were introduced. • These courses aimed to equip students with industry-relevant skill sets, aligning their education with current market demands.

FACULTY FEEDBACK ON CURRICULUM (2022-23)

ACTION TAKEN REPORT

Observations/Suggestions	Action Taken
• Faculty emphasized the need to enhance practical exposure for students through skill enhancement courses, internships, and placement-specific courses in the later semesters. • Proposed the inclusion of new age courses to ensure that the curriculum remains relevant and aligned with current industry needs. • Recommended the introduction of new emerging courses and labs to provide students with knowledge in various domains. • Suggested the inclusion of MOOC courses to expose students to the latest advancements in emerging domains. • Recommended a partnership with platforms like Coursera to expand students' access to resources, guided projects, and industry certifications, enriching their learning experience. • Highlighted the need for a specialized curriculum for AI and ML engineering students. • Proposed the introduction of Python Programming and a corresponding lab session to align students' skills with the prevalent requirements in the IT sector. • Recommended the inclusion of courses to ensure students are equipped with competencies in rapidly evolving fields. • Suggested the incorporation of training on various software packages as part of the regular coursework to enhance students' proficiency in industry-relevant tools.	• The institution actively considered and addressed feedback provided by faculty members, incorporating their suggestions into the curriculum. This included the introduction of skill enhancement courses, internship opportunities, and placement-specific courses in the 5th and 6th semesters. • Introduced courses like Urban Transportation Planning to ensure that the curriculum aligns with current industry demands. • Introduced new courses and labs, including Construction Planning and Management, Construction Planning and Management Lab, and Green Building Infrastructure and Architecture in the 6th semester. • A non-credit MOOC course focusing on emerging domains in the 6th semester was introduced based on faculty recommendations. • Established a linkage with Coursera, providing students unlimited access to the platform's resources, guided projects, and industry certifications. This collaboration aimed to enhance the overall learning experience. • Acknowledged the faculty's suggestion and adopted a specialized curriculum for CSE AI and ML engineering students from the 3rd semester onwards. • Introduced Python Programming and a corresponding lab session in the 5th semester to align students' skills with IT sector requirements. • Based on faculty recommendations, courses on rapidly evolving fields, including Blockchain Technology and AI with Computer Vision, were introduced to ensure students acquire competencies in these areas. • Training on various software packages such as Primavera, Microsoft Project, Hubspot, Salesforce, Zoho, and Microsoft Power BI were introduced as part of the regular coursework.

EMPLOYER FEEDBACK ON CURRICULUM (2022-23)

ACTION TAKEN REPORT

Observations/Suggestions	Action Taken
• Emphasized the importance of practical skills over theoretical knowledge. • Recommended incorporating more industry-relevant projects and case studies. • Highlighted the need for soft skills development, including communication and teamwork. • Suggested integrating real-world problem-solving scenarios into the curriculum.	• Introduced practical-based learning methods, enhancing the emphasis on real-world applications. • Incorporated placement-specific courses in the 5th and 6th semesters, focusing on industry relevance. • Established skill enhancement courses, including communication and teamwork modules. • Adapted the curriculum to include real-world problem-solving scenarios, such as the inclusion of courses on Blockchain Technology and AI with Computer Vision.

ALUMNI FEEDBACK ON CURRICULUM (2022-23)

ACTION TAKEN REPORT

Observations/Suggestions	Action Taken
• Recommended a stronger emphasis on industry-specific skills and technologies. • Encouraged the inclusion of courses that align with current market demands. • Suggested incorporating more hands-on experience and practical applications. • Highlighted the importance of continuous learning and staying updated with emerging trends.	• Introduced skill enhancement courses, including a 3-credit internship and placement-specific modules, to enhance industry-specific skills. • Incorporated new age courses such as Urban Transportation Planning and emerging domains like Blockchain Technology and AI with Computer Vision. • Enhanced practical work and interactivity in labs and classes to provide hands-on experience. • Established a partnership with Coursera, offering unlimited access to resources for continuous learning and exposure to emerging technologies.