



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
Deemed to be University, Est. 1984, Aff. 2008

School of Computing
Department of Artificial Intelligence Machine Learning
Faculty Feedback on Curriculum 2024-2025

PROGRAM CORE

1. Incorporate the latest industrial and practical-oriented technologies into the curriculum.
2. Suggest project-based learning for all applicable courses.
3. Add practical projects to courses where possible, allowing students to work on real-world problems and gain hands-on experience.
4. Increase the level of course outcomes to ensure students learn to tackle current industry challenges.

OPEN ELECTIVE

1. Recommend including practical hours in open elective courses so students can gain hands-on experience.

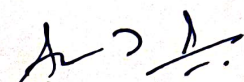
INDEPENDENT LEARNING

1. Suggest including zero-credit courses under value education.

Action Taken: Academic Year 2024-25 Curriculum Feedback

Based on the faculty feedback analysis few courses were introduced in the curriculum under various category:

SNO	COURSE NAME	CATEGORY	BOS REFERENCE
1	Artificial Intelligence: Knowledge Representation And Reasoning	Program Elective	7th BOS-14.12.2024
2	Quantum Algorithms and Cryptography	Program Elective	7th BOS-14.12.2024
3	Edge Computing	Program Elective	7th BOS-14.12.2024


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R&D Institute of Science and Technology
(Deemed to be University) established by U.O. No. 1/2003

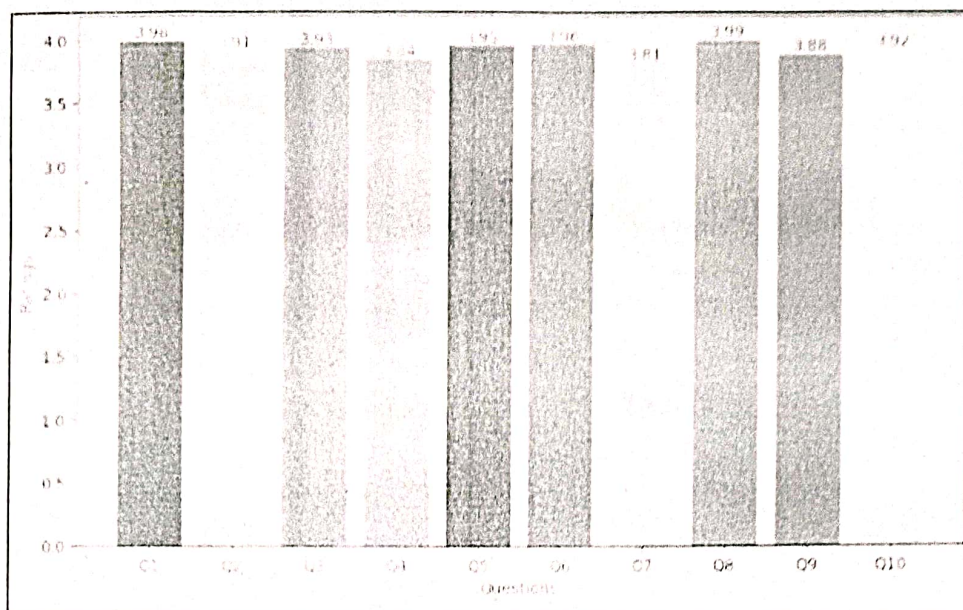
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Students Feedback on Curriculum 2024-2025

The students are the most important stakeholders of B. Tech Artificial Intelligence Machine Learning Programme. In the academic year 2024-2025, suggestions collected in the form of structured feedback from B. Tech AIML students. The feedback from students on the curriculum has been received, and the key suggestions are summarized below:

1. Incorporate real-time projects into the curriculum for applicable courses to provide hands-on experience.
2. Offer targeted training sessions for specific programming languages relevant to the industry.
3. Provide focused training sessions on industry-relevant programming languages.
4. Recommend courses focused on developing job-related skills to boost employability.
5. Introduce a course on Knowledge Representation and Visualization, Expert Systems to educate students on AI technologies.

The following questions are given to the students about feedback on curriculum and the response is mentioned in the below graph:

- | | |
|-----|--|
| Q1 | How do you rate the curriculum offered in relation to the Technological advancements? |
| Q2 | How do you rate the syllabus in related to the needs of industry/society? |
| Q3 | How do you rate the relevance of the courses for providing employability? |
| Q4 | Did the course curriculum intellectually motivate you? |
| Q5 | Was the course curriculum fulfilling your expectations? |
| Q6 | How much has your experience at this curriculum contributed to your job-related knowledge and skills? |
| Q7 | Does the syllabus create any interest to pursue post-graduation/research in the particular subject? |
| Q8 | Were reading material and references regarding curriculum / subject easily found? |
| Q9 | How do you rate the objectives stated for each of the courses |
| Q10 | How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the courses? |



The above feedback analysis, students given 3.95/4 rating for Q5 i.e., was the course curriculum fulfilling your expectations. Students are highly satisfied with the curriculum offered in relation to the Technological advancements (3.98/4) and the ratings for the syllabus in relation to the needs of industry/society (Q2) and the syllabus of the courses that you have studied in relation to the competencies expected out of the courses (Q10) are (3.92/4), also rated the relevance of the courses for providing employability (3.93/4).

Action Taken: Academic Year 2024-2025 Curriculum Feedback


Based on the student feedback analysis few courses were introduced and some courses were revised in the curriculum under various category:

SNO	COURSE NAME	CATEGORY	BOS REFERENCE
1	Green and AI Skills Program	Program Elective	7th BOS-14.12.2024


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Industry Feedback on Curriculum 2024-2025

The industry are the most important stakeholders of B. Tech Artificial Intelligence Machine Learning Programme. Suggestions collected in the form of structured feedback from the industries. Received industries feedback on curriculum and the major suggestions are listed below:

- Recommend to include Emerging courses like Expert Systems, Robotic Process Automation, Knowledge representation and visualization to enhance students' proficiency in relevant area.
- Recommended to include Human Computer Interaction.
- Propose to enhance the curriculum with practical, hands-on projects aligned with current industry trends.
- Focus on soft skills development, including communication, problem-solving, and teamwork, to prepare students for dynamic professional environments.

Action Taken: Academic Year 2024-2025 Curriculum Feedback

Based on the industry feedback analysis few courses were introduced and some courses were revised in the curriculum under various category:

SNO	COURSE NAME	CATEGORY	BOS REFERENCE
1	Quantum Algorithms and Cryptography	Program Elective	7th BOS-14.12.2024
2	Edge Computing	Program Elective	7th BOS-14.12.2024

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