



School of Computing
Department of Computer Science and Engineering (Data Science)

Stakeholder's feedback on curriculum of B.Tech CSE (DS) taken for the Winter Semester 2024-25.

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.

PROGRAM ELECTIVE

1. Recommend to include emerging courses like Data Visualization and Storytelling, Human Computer Interaction, Big Data Analytics.
2. The Subject Robotic Process Automation can be moved from Program Core to Program Elective.
3. Faculty members are recommended include the following courses,
 - 1 Data Visualization and Storytelling
 - 2 Human Computer Interaction
 - 3 Information Retrieval

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	Data Visualization and Storytelling	Program Elective	6 th BoS
2	Human Computer Interaction	Program Elective	6 th BoS
3	Information Retrieval	Program Elective	6 th BoS

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Students Feedback on Curriculum 2024-2025

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

1. Improving by focusing on real time applications and new technologies.
2. Add the subject/topics about the MLOps.
3. Provide some internships and conducting some coding sessions based on ML.
4. Would like to suggest adding course on 'MLOps' since the world works on it.
5. Increase the practical knowledge and industrial topics on the teaching units.
6. Can improve some class activity skills.
7. Add hands on Projects to better understand the topics.

The feedback survey evaluated ten key aspects of the B.Tech CSE(DS)curriculum. The ratings provided valuable insights into the program's effectiveness: Based on the collected student feedback across 12 key academic and institutional parameters, the overall sentiment toward the educational experience is predominantly positive.

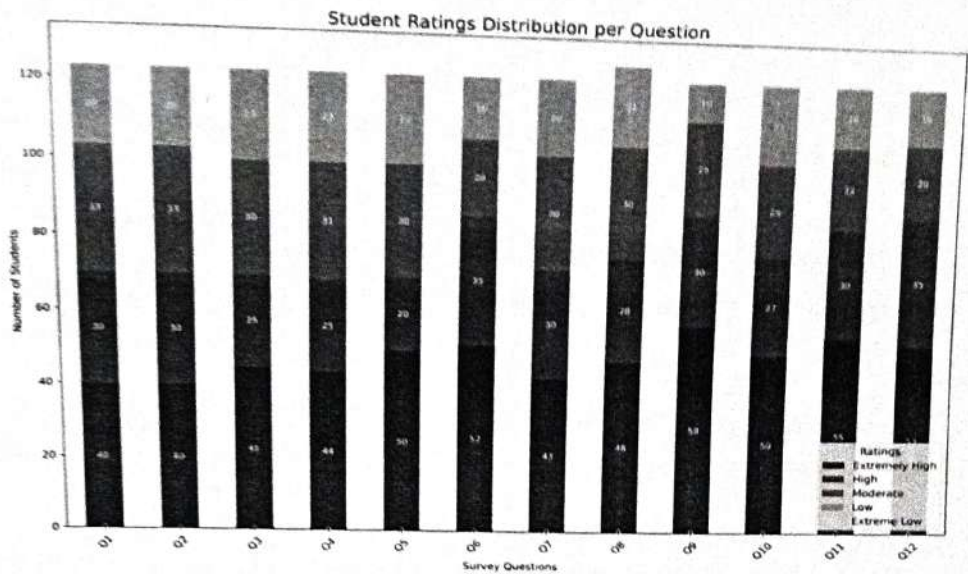
1	How do you rate the teaching resources for your learning?
2	How do you rate the laboratory facilities provided by the institute?
3	How do you rate the faculty support for your learning?
4	How do you rate the mentoring system of the Institution?
5	What extent have you acquired necessary technical through your courses?
6	What extent have you acquired necessary soft skills through your courses?
7	How do you rate the practical/hands-on experience provided in the curriculum?
8	How effective were the projects in simulating real life experiences?
9	How do you rate the level of readiness for industry roles and challenges after graduation?
10	How do you evaluate the career guidance provided during your studies?
11	To what extent do you feel that the curriculum meets your professional needs?
12	How satisfied are you with our examinations system?

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The highest ratings—Extremely High and High—consistently received strong responses, especially in areas like technical skill acquisition (Q5), soft skills development (Q6), and industry readiness (Q9), each with over 80 responses in the top two categories. This suggests the curriculum is effective in equipping students with essential career-oriented competencies.

Areas like faculty support (Q3), mentoring system (Q4), and laboratory facilities (Q2) also showed generally favorable responses, though with slightly more variance, indicating room for improvement. Notably, career guidance (Q10) and the effectiveness of projects in simulating real-life scenarios (Q8) saw moderate ratings from a notable portion of students, hinting at the need for more structured or impactful initiatives in these areas. The examination system (Q12) received positive feedback overall, though a slightly higher number of students rated it “Moderate,” potentially signaling mixed experiences regarding assessment methods or fairness. Overall, the institution appears to be performing well in delivering a comprehensive and career-relevant education, though targeted enhancements in guidance and experiential learning could further strengthen outcomes.

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	Machine Learning Operations	Program Elective	6 th BoS



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The industry are the most important stakeholders of B. Tech CSE(DS) 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 Prompt Engineering and Large Language Model to enhance students' proficiency in relevant area.
- Suggest incorporating real-world, experiential projects to the curriculum that are in tune with current industry developments.
- To prepare students for dynamic professional situations, promote the development of soft skills such as communication, problem-solving, and teamwork.

Action Taken: Academic Year 2024-2025 Curriculum Feedback

Based on the industry feedback analysis following course were introduced in the curriculum under various program elective:

SNO	COURSE NAME	CATEGORY	BOS REFERENCE
1	Prompt Engineering for LLMs	Program Elective	6 th BoS

(Handwritten Signature)

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