



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Alumni Feedback: AY 2025-2026

1. Alumni recommended strengthening training in emerging technologies such as Artificial Intelligence, Generative AI, Cloud Computing, Cybersecurity, and Data Analytics to enhance students' industry readiness and employability.
2. Alumni suggested increasing opportunities for industry-oriented projects, internships, and experiential learning activities that enable students to apply theoretical concepts to real-world challenges.
3. Alumni emphasized the importance of integrating industry-recognized certification programs into the academic framework to help students acquire globally relevant technical competencies and professional credentials.
4. Alumni recommended enhancing coding proficiency, problem-solving abilities, and competitive programming practices to better prepare students for technical interviews and software development roles.
5. Alumni suggested strengthening collaboration with alumni working in various industries through mentorship programs, technical talks, career guidance sessions, and networking initiatives to support student professional development.

Employer Feedback: 2022 – 2026 Batch

1. Employers emphasized the need to strengthen students' communication, presentation, and professional interpersonal skills to improve workplace effectiveness and collaboration.
2. Employers recommended increasing exposure to software development best practices, including version control systems, agile methodologies, code reviews, and collaborative project development.
3. Employers suggested providing greater opportunities for multidisciplinary projects that enable students to work across domains and develop innovative problem-solving abilities.
4. Employers highlighted the importance of enhancing students' analytical thinking, debugging skills, and ability to solve real-world engineering problems through practical and application-oriented learning.

5. Employers recommended conducting more industry-driven training programs, mock interviews, and career readiness initiatives to prepare students for recruitment processes and professional work environments.

Students Feedback: 2022– 2026 Batch

1. Students suggested improving the quality and purification of drinking water available on campus to ensure better hygiene, safety, and overall well-being.
2. Students recommended strengthening the maintenance and monitoring of campus amenities and student support facilities to enhance the overall learning environment.
3. Students suggested improving the laboratory environment by installing air-conditioning facilities in computer laboratories to provide a comfortable and conducive atmosphere during practical sessions.
4. Students highlighted the need for enhanced ventilation arrangements in laboratories to improve air circulation while effectively utilizing smart classroom facilities.
5. Students expressed interest in increasing industry-oriented activities such as alumni interactions, technical workshops, expert talks, and hands-on learning opportunities.

Course Coordinators Feedback: AY 2025-2026

1. For the 3rd Semester course *Design and Analysis of Algorithms*, coordinators recommended the inclusion of Sorting Algorithms and Searching Algorithms in Module 1 to strengthen students' understanding of fundamental algorithmic techniques. It was also suggested to remove the Rabin Karp Algorithm from Module 2 to improve the relevance and balance of the syllabus content.
2. In the 6th and 7th Semester Open Elective course *Data Analysis using R Programming*, coordinators recommended that all laboratory experiments be conducted exclusively using the R programming language. The use of Tableau may be omitted to ensure greater focus on programming-oriented data analysis skills and statistical computing concepts.
3. For the 5th Semester Professional Elective course *Introduction to Cloud Computing*, coordinators observed that the syllabus contains extensive theoretical content with certain overlapping concepts. It was suggested to redesign the course with a stronger practical orientation by aligning it with industry-recognized frameworks such as the AWS Cloud Practitioner and AWS Solution Architect curriculum. This approach would enable students to gain hands-on exposure and develop the competencies required to work effectively on cloud platforms such as AWS and Microsoft Azure.

Action plan 2026-2027 based on 2025-2026 Feedback Summary

Based on the Alumni Feedback

- Introduce additional training programs, workshops, and value-added courses on emerging technologies such as Artificial Intelligence, Generative AI, Cloud Computing, Cybersecurity, and Data Analytics.
- Encourage students to undertake industry-oriented projects, internships, and experiential learning activities in collaboration with industry partners.
- Facilitate access to industry-recognized certification programs and provide guidance for students to obtain professional credentials.
- Organize coding competitions, programming contests, and technical training sessions to strengthen problem-solving and software development skills.
- Expand alumni engagement initiatives through mentorship programs, expert talks, networking events, and career guidance activities.

Based on the Employer Feedback

- Organize communication skill development programs, presentation workshops, and professional etiquette training sessions to enhance workplace readiness.
- Integrate software engineering best practices such as version control, agile development methodologies, and collaborative project management into academic activities.
- Encourage multidisciplinary and application-oriented projects to foster innovation and cross-domain problem-solving skills.
- Strengthen practical learning activities that focus on analytical thinking, debugging techniques, and real-world engineering challenges.
- Conduct industry-oriented training programs, mock interviews, aptitude training sessions, and career development activities to improve student employability and placement preparedness.

Based on the Student Feedback

- Conduct periodic quality assessments and maintenance of drinking water purification systems to ensure the availability of safe and hygienic drinking water.
- Strengthen the monitoring and maintenance of campus amenities and student support facilities to improve student satisfaction and well-being.

- Assess the feasibility of installing air-conditioning facilities in computer laboratories.
- Explore suitable ventilation improvements in laboratories to enhance student comfort.
- Organize more industry interaction programs, alumni talks, workshops, and practical learning activities.

Based on the Course Coordinator Feedback

- Revise the *Design and Analysis of Algorithms* syllabus by incorporating Sorting and Searching Algorithms in Module 1 and reviewing the relevance of selected algorithms to improve conceptual clarity and industry alignment.
- Standardize the laboratory component of *Data Analysis using R Programming* by conducting all experiments exclusively using R language to strengthen programming-based analytical skills.
- Restructure the Introduction to Cloud Computing course with a greater emphasis on practical learning, hands-on activities, and industry-oriented cloud platforms by referring to globally recognized cloud certification frameworks such as AWS Cloud Practitioner.