

Joint Action Taken Report (ATR) – 2024

Department of Electronics and Communication Engineering (ECE)

Feedback Sources: Employers, Alumni, Parents

Focus Areas: Program Outcomes (POs), Program Specific Outcomes (PSOs), and Program Educational Objectives (PEOs)

1. Introduction

This Joint Action Taken Report summarizes insights and feedback from Employers, Alumni, and Parents for the academic year 2024–25. The analysis helps identify institutional strengths, gaps in delivery, and the actionable strategies to elevate the academic experience, stakeholder satisfaction, and graduate employability.

2. Common Strengths Identified

Area	Description	Source(s)
Engineering Knowledge	Strong technical foundation and theoretical knowledge.	All Sources
Problem Analysis	Well-developed analytical and diagnostic capabilities.	Employers, Alumni
Ethics	High ethical awareness and application in professional settings.	Employers, Alumni, Parents
Environment and Sustainability	Strong understanding of sustainability principles.	Alumni, Parents
Life-long Learning	Commitment to continuous learning and upskilling.	Employers, Parents
Real-World Problem Solving	Effective practical and industry-level application.	Employers, Alumni, Parents

3. Common Weaknesses Identified

Area	Description	Source(s)
Communication Skills	Weakness in formal communication, presentation, and technical articulation.	All Sources
Teamwork & Leadership	Needs improvement in collaboration and group dynamics.	Alumni, Parents
Design/Development of Solutions	Insufficient exposure to design-oriented thinking and creativity.	Parents
Societal Awareness	Low engagement with social implications and outreach.	Parents
Innovation & Entrepreneurship	Limited opportunities for innovation and student-led projects.	Alumni

4. Action Taken and Remedial Measures

A. Communication Skills Development

- Established Communication and Employability Skills Department.
- Appointed an experienced Anglo-Indian professor as department head.
- Implemented semester-wise soft skills labs, mock interviews, and peer presentations.
- Integrated communication modules across technical subjects.

B. Enhancing Teamwork and Leadership

- Introduced team-based projects with peer assessment metrics.
- Organized intra- and inter-departmental hackathons and ideathons.
- Created student clubs and mentoring circles for leadership grooming.

C. Design & Innovation Boost

- Launched design thinking workshops and inter-college design events.
- Implemented semester-wise mini-projects involving CAD/EDA tools.
- Integrated startup ideation and incubation mentorship via IDEA Lab.

D. Social Responsibility and Community Engagement

- Mandatory participation in societal outreach via NSS and NGOs.
- Introduced 'Technology and Society' as a curriculum component.
- Organized fieldwork and seminars with civic organizations.

E. Strengthening Ethics and Professionalism

- Real-world ethics sessions with HR professionals and legal experts.
- Simulated workplace roleplays and ethics-based evaluation.
- Embedded ethics modules across core engineering subjects.

5. Implementation Strategy

Action Item	Timeline	Responsible Body	Evaluation Metric
Communication Labs & Training	Every Semester	Communication Dept / T&P Cell	Pre/Post Assessment Scores
Interdisciplinary Team Projects	Ongoing	All Departments	Team Evaluations
Social Responsibility Initiatives	Annually	Student Clubs / NSS	Feedback, No. of Projects
Innovation Bootcamps	Bi-Annual	IDEA Lab / IIC	Project Submissions, Startups
Ethics & Professionalism Seminars	Monthly	Faculty, HR Experts	Session Attendance & Reflections

6. Conclusion

The combined feedback from Alumni, Employers, and Parents has highlighted both core strengths and strategic improvement areas in the ECE Department. With the structured implementation of targeted initiatives, particularly in communication, ethics, design thinking, and social engagement, the department is poised to deliver a more industry-aligned, responsible, and globally competent graduate profile.