

## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### **Stakeholders Feedback for the AY 2025-2026**

#### **Alumni Feedback**

- Students should be trained in advanced technologies such as Generative AI, Digital Twins, Smart Manufacturing, Cyber-Physical Systems, and Sustainable Energy Technologies.
- Greater emphasis should be given to innovation, entrepreneurship, and product development.
- Industry-sponsored capstone projects should be encouraged to improve practical learning.
- Students should be motivated to pursue globally recognized certification programs.
- More international collaborations and industry-academia partnerships should be explored.
- Students should gain exposure to real-world industrial challenges through internships and project-based learning.

#### **Employer Feedback**

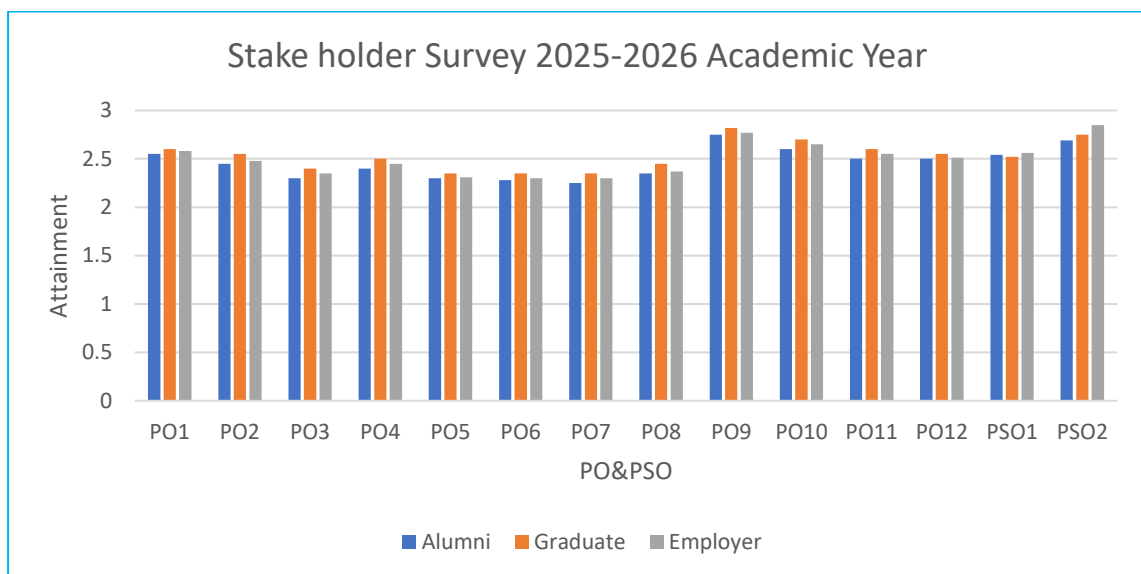
- Graduates should possess strong analytical, programming, and problem-solving abilities.
- Students should be familiar with digital transformation technologies, AI tools, automation systems, and data-driven decision-making processes.
- Industry expects graduates to demonstrate effective communication, teamwork, adaptability, and leadership qualities.
- More emphasis should be given to innovation, design thinking, and entrepreneurship.
- Students should have exposure to industrial software, simulation tools, and emerging technologies.
- Industry internships and project experiences should be enhanced.

#### **Course Coordinators (Faculty) Feedback**

- Advanced electives on Artificial Intelligence Applications, Cybersecurity for Industrial Systems, Smart Mobility, Electric Transportation Systems, and Energy Storage Technologies can be introduced.
- More interdisciplinary research projects and innovation activities should be encouraged.
- Industry-supported laboratories and skill development centers can be established.
- Outcome-Based Education practices should be continuously reviewed and improved.
- Students should be encouraged to publish research papers and participate in technical competitions.
- Faculty development activities on emerging technologies should be conducted regularly.

## Student Feedback

- Students require more opportunities for internships, live projects, and industrial interactions.
- More industry-demand certification programs should be conducted.
- Students seek advanced training in AI tools, coding, simulation software, and automation technologies.
- Additional workshops on career planning, higher education opportunities, and entrepreneurship are required.
- Students request more practical learning opportunities and industry-oriented training programs.
- More opportunities for participation in national and international technical competitions should be provided.



## Action Plan 2026-2027 Based on 2025-2026 Feedback Summary

### Based on Alumni Feedback

- Certification programs on Generative AI, Digital Twins, Smart Manufacturing, and Sustainable Energy Technologies will be conducted.
- Innovation and entrepreneurship activities will be strengthened through incubation centers and startup mentoring initiatives.
- Industry-sponsored capstone projects and consultancy-based learning opportunities will be promoted.
- Students will be encouraged to pursue globally recognized certification programs.
- International collaborations and industrial partnerships will be explored.

### Based on Employer Feedback

- Advanced training programs on analytical thinking, programming, problem-solving, and digital technologies will be conducted.
- Workshops on Artificial Intelligence, Automation, Data Analytics, and Smart Manufacturing Technologies will be organized.

- Communication skills, leadership development, teamwork, and professional ethics training will continue to be emphasized.
- Internship opportunities and industry-sponsored projects will be expanded.
- Students will be trained in industrial software tools and simulation platforms.

#### **Based on Course Coordinators Feedback**

- Emerging electives on Artificial Intelligence Applications, Smart Mobility, Cybersecurity, Energy Storage Systems, and Sustainable Technologies will be introduced wherever feasible.
- Research, innovation, and interdisciplinary project activities will be strengthened.
- Industry-supported laboratories and Centers of Excellence will be established through collaborations.
- Faculty development programs on emerging technologies will be organized.
- Continuous improvement of Outcome-Based Education practices and assessment processes will be carried out.

#### **Based on Student Feedback**

- More internship opportunities, industrial visits, and live industry projects will be facilitated.
- Industry-demand certification programs and advanced skill enhancement workshops will be conducted.
- Technical training programs on AI tools, programming, simulation software, automation, and emerging technologies will be organized.
- Career guidance programs for placements, higher studies, entrepreneurship, and competitive examinations will be conducted.
- Participation in national and international technical events, hackathons, and innovation challenges will be encouraged and supported.



**FACULTY COORDINATOR**



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