



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, CST, ECE, EEE, MECH), MBA & MCA
Department of Electrical and Electronics Engineering



ACTION TAKEN ACCORDING TO STAKEHOLDER FEEDBACK

2025-2026

Based on the feedback collected from stakeholders including students, parents, faculty, alumni, industry experts, non-teaching staff, IAAB members, and Board of Studies members during the Academic Year 2025–26, the Department of Electrical and Electronics Engineering initiated several corrective and quality enhancement measures to improve curriculum relevance, teaching-learning effectiveness, employability, infrastructure utilization, and research orientation.

- 1. Curriculum Enhancement and Academic Reforms:** Based on recommendations received during IAAB and BoS meetings, prerequisites for IV Year, Honors, and Minor courses were clearly incorporated into the curriculum structure. Course syllabi were reviewed and refined in alignment with JNTUA norms, Outcome-Based Education (OBE), NBA guidelines, and NEP 2020 recommendations. Emerging technologies such as Artificial Intelligence applications, IoT, Embedded Systems, Data Analytics, and Smart Grid Technologies were strengthened through electives, workshops, and technical sessions.
- 2. Strengthening Industry Interaction and Employability:** Additional industrial visits to substations, industries, IIT Hyderabad, hydro-electric power plants, and manufacturing units were organized based on parent and student feedback regarding practical exposure. Industry experts, alumni, and professionals from ABB, DRDO, and other organizations delivered guest lectures and technical sessions to bridge the industry-academia gap. Internship awareness sessions and placement-oriented activities were intensified to improve employability and industrial readiness.
- 3. Improvement in Teaching-Learning Process:** ICT-enabled teaching practices using LCD projectors, simulations, multimedia tools, and activity-based learning methodologies were strengthened in classrooms. Faculty members adopted experiential learning, participative learning, and problem-solving approaches to improve conceptual understanding and student engagement. Mentoring mechanisms were enhanced through regular counseling, academic monitoring, and student performance reviews.
- 4. Skill Development and Certification Initiatives:** Value-added training programs and certification courses on AI tools, Embedded Systems, IoT applications, Power BI, PCB Design, PLC, and automation technologies were conducted. Students were encouraged to participate in workshops, technical competitions, hackathons, and innovation activities to improve technical competency and problem-solving abilities.



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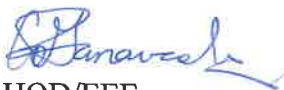


Department of Electrical and Electronics Engineering

- 5. Research, Innovation, and Entrepreneurship Promotion:** Faculty Development Programs (FDPs), seminars, symposiums, and workshops on Smart Grids, Renewable Energy Systems, AI applications, and Electronics Manufacturing were conducted. Students were motivated to undertake innovative mini-projects, research activities, and interdisciplinary project work. Alumni interactions and research guidance sessions were organized to improve higher education and research awareness.
- 6. Infrastructure and Learning Resource Enhancement:** Feedback regarding laboratories, library resources, internet facilities, and classroom infrastructure was reviewed and necessary improvements were initiated. Digital learning resources, simulation software, and online technical resources were made accessible to students and faculty for effective learning and research activities.
- 7. Institutional Support and Governance:** Continuous monitoring mechanisms through IQAC, IAAB, and BoS were strengthened to ensure curriculum quality and effective implementation. Feedback collection and analysis processes from all stakeholders were streamlined for periodic academic improvements. Administrative support for teaching-learning, examination processes, and student services was further improved.

Outcomes:

- Curriculum revisions improved alignment with industry expectations, emerging technologies, OBE requirements, and NEP 2020 guidelines.
- Students gained enhanced practical exposure and industrial awareness through industrial visits, internships, workshops, and expert lectures.
- ICT-enabled and experiential teaching methodologies improved student participation, conceptual understanding, and academic performance.
- Skill development and certification programs enhanced students' technical competencies, employability skills, and placement readiness.
- Increased interaction with alumni and industry experts improved awareness regarding higher education, research opportunities, and career pathways.
- Research orientation and innovation culture among students and faculty improved through FDPs, seminars, project activities, and technical events.
- Stakeholder feedback analysis helped strengthen institutional governance, mentoring systems, infrastructure utilization, and continuous quality improvement processes.



HOD/EEE

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