

Industry Tie-Ups and Collaborations

The Department of Electronics and Communication Engineering (ECE) at GIET University, Gunupur maintains robust collaborations with industry leaders, government agencies, and training organizations. These strategic partnerships provide students with exposure to cutting-edge technologies, industrial practices, and real-world problem-solving.

Key Industry Collaborations

CTTC (Central Tool Room & Training Centre)

- Training in **embedded systems, PCB design, and VLSI**
- Hands-on workshops and industry-oriented skill development

STPI (Software Technology Parks of India)

- Access to **software incubation, IoT labs, and start-up ecosystems**
- Collaborations in **AI, cloud computing, and cybersecurity**

AMTZ (Andhra Pradesh MedTech Zone)

- Projects in **biomedical instrumentation, medical electronics, and sensor design**
- Research internships with real-world healthcare challenges

Electronics Hub (Govt. of Odisha / ESDM)

- Hardware development, prototyping, and industry mentoring
- Support for **entrepreneurship in electronics product design**

Edge Telecom

- Training in **telecom infrastructure, network security, and wireless systems**
- Real-time exposure to **communication protocols and systems**

Entuple Technologies

- Advanced learning in **FPGA design, DSP systems, and EDA tools**
- Faculty development programs and curriculum support

Electronics

- Training in **RF & Microwave engineering, antenna design, and testing**
- Internship opportunities and project-based mentoring

Automation Nodes

- Skill enhancement in **Industrial Automation, PLC/SCADA, and IoT applications**
- Hands-on training for smart industry-ready solutions

Core Technology

- Exposure to **electronic design automation, CAD tools, and PCB fabrication**
- Industrial case studies and project-based learning

IN NSDC (National Skill Development Corporation)

- Certification programs aligned with national skill development initiatives
- Employability training and industry-recognized qualifications

Key Outcomes of Collaborations

- **Internships and industrial training** with top-tier organizations
- **Industry-certified programs and faculty upskilling workshops**
- Access to **innovation labs, design challenges, and hackathons**
- Enhanced **student employability and research opportunities**

These partnerships reinforce our vision to build **technically competent, industry-ready, and innovation-driven graduates**, contributing to national and global technological advancement.