



B.E. Electronics & Communication Engineering

The Electronics and Communication Engineering (ECE) program at GAT offers a specialized curriculum covering circuit design, communication systems, signal processing, antenna theory, and VLSI (Very Large Scale Integration). The program also includes interdisciplinary courses like JAVA, Python, and Computer Networks, ensuring students are industry-ready with a well-rounded education.

| Course Highlights

- **Comprehensive Education:** Focuses on specialized tracks such as circuit design, communication systems, signal processing, and VLSI.
- **Interdisciplinary Integration:** Combines aspects of computer science and applied mathematics, covering emerging technologies like IoT, machine learning, and computer vision.

| Key Initiatives and Achievements

- **Industry Collaboration:** Signed MoUs with Cadmaxx Edtech Pvt Ltd and Plus PPA Nano Chip Technologies Pvt Ltd, facilitating industrial visits, guest lectures, internships, and training, resulting in successful placements for ECE students.
- **Guest Lecture:** Organized various guest lectures along with the one on "Unlocking the World of Embedded Systems & Navigation Career Avenues" in association with Cadmaxx Edtech Pvt Ltd, attended by students, featuring insights from industry experts.
- **INTEL Unnati Training Program:** Our students are working on cutting-edge projects, potentially leading to full-time paid internships at INTEL.



| Future Career Avenues

- Circuit Design Engineer
- Communication Systems Engineer
- Signal Processing Engineer
- VLSI Engineer
- Embedded Systems Engineer
- IoT Specialist
- Machine Learning Engineer
- Computer Vision Engineer
- Software Developer
- Research and Development