

DEPARTMENT OF ELECTRICAL ENGINEERING



VISION

To become the pioneer of providing quality electrical engineers with comprehensive acceptability.

MISSION

- To promote innovative and technological environment to meet industrial and global challenges.
- To provide the quality education and amplify the skills to develop competent Electrical Engineers.
- To create effective interface with industries and academia.

- ➔ Under Graduate Programme
B.Tech. (Electrical Engineering)
- ➔ Post Graduate Programme
M.Tech. (Power System)

REVOLUTIONIZING ELECTRICAL ENGINEERING: FORM THEORY TO INDUSTRY IMPACT

RENEWABLE ENERGY AND SUSTAINABILITY: Electrical engineering has played a pivotal role in the shift towards renewable energy sources such as solar, wind, and hydroelectric power and developed innovative technologies for harvesting, storing, and integrating renewable energy into the electrical grid, contributing to sustainability and mitigating climate change.

AUTOMATION AND CONTROL SYSTEMS: Electrical engineers have been instrumental in developing automation and control systems for industries ranging from manufacturing and transportation to robotics and smart homes.

IoT AND CONNECTIVITY: The emergence of the Internet of Things (IoT) has created new opportunities for electrical engineers to design interconnected devices and systems for smart cities, healthcare, agriculture, and more.

AI AND MACHINE LEARNING APPLICATIONS: AI and machine learning techniques are increasingly being integrated into electrical engineering applications, including predictive maintenance, autonomous vehicles, and intelligent energy management systems. Electrical engineers are leveraging AI to optimize performance, enhance reliability, and unlock new capabilities in diverse domains.

POWER GENERATION AND DISTRIBUTION: Electrical engineering played a crucial role in the design and development of power generation plants, transmission lines, and distribution networks. Advancements in electrical generation technologies, such as steam turbines, hydroelectric dams, and later nuclear power plants, led to more efficient and reliable power systems.

GOVERNMENT, PRIVATE & PUBLIC SECTORS ARE AVAILABLE FOR EMPLOYMENT



FRONTIER AREAS

- Advances in Power Engineering
- Energy Engineering
- Renewable Energy
- Advanced Power Electronics
- Energy Management & Auditing
- Electric Vehicles
- Wireless Transmission System
- Neuromorphic Engineering
- Bio Medical Engineering
- Magneto Hydrodynamics (MHD)

LABORATORIES STRENGTH OF DEPT.

- HV & Measurement
- Power Electronics
- Power System & Electrical Drive
- MATLAB & Simulink
- More than 15 Patents
- Most of the faculties are doctorate
- 150 Research Papers published in SCI, Scopus & Various reputed Journals
- 50+ M.Tech. Thesis awarded
- Highly Industry oriented Skill Development
- Center of Excellence in renewal energy & electrical vehicle



Dr. S.M. Prasanna Kumar
Campus Director-GITS



Dr. Raunak Jangid
Professor & Head of Department
Email: hodee@gits.ac.in

CAMPUS FACILITIES

- Auditorium
- Sports & NCC
- ATM
- 24*7 Cafeteria
- Fitness/GYM
- Medical Facility
- Separate Hostel Facility for Boys & Girls
- Mess with Four Meals per Day
- Wifi Campus
- Transportation Facility

SCAN FOR



REAP CODE : 1042

TRAININGS & WORKSHOPS



TATA IIS, Ahmedabad



MATLAB & SIMULINK



Industrial Visit at YMPL



GHH India, Zawar Mines, Udaipur

PROJECT & RESEARCH INNOVATIONS



IOT-Based Distribution Management System for Smart Grid



Won cash prize Rs. 21,000/- @Ideathon 2025, RIMT University, Mandi Gobindgarh (Punjab)



2nd International Conference on Innovation in Science, Engineering & Technology (ISET-2025)



AI Powered Energy Management System Won ₹ 1 Lakh @Smart India Hakathon

INDUSTRY-ACADEMIA COLLABORATIONS



MOU: TATA IIS



MOU: Secure Meters Pvt. Ltd.



MOU: GHH India



MOU: MSME, Govt. of India

PLACEMENT HIGHLIGHTS

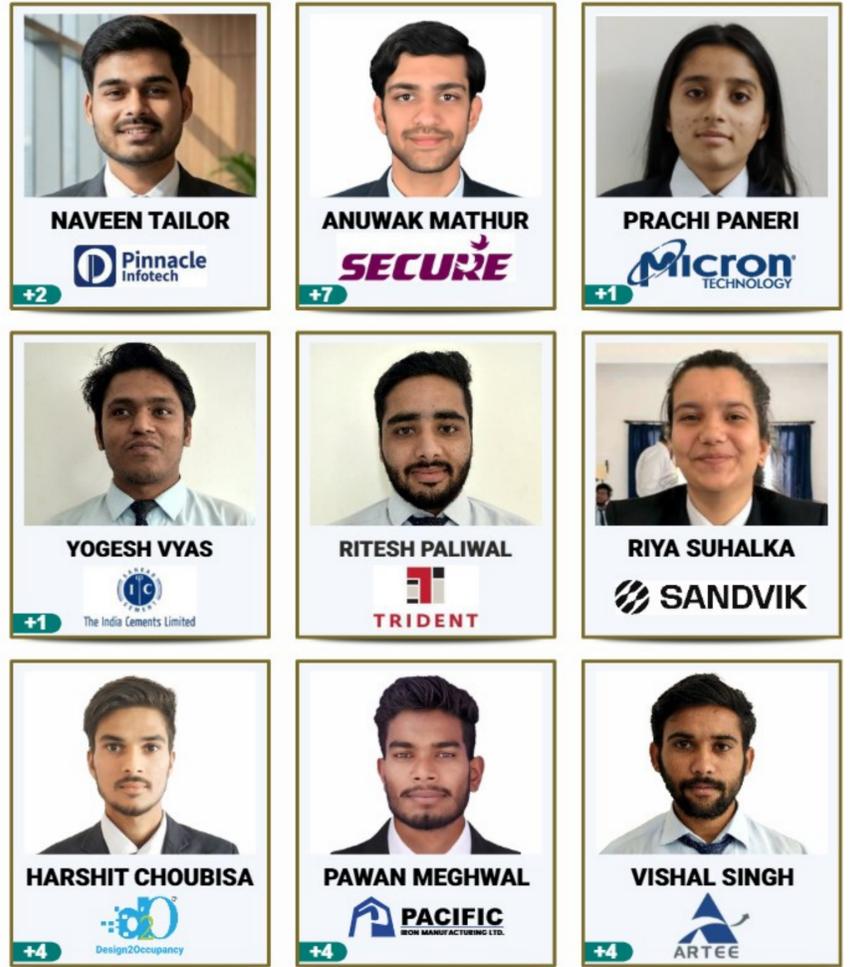
NUMBER OF COMPANIES VISITED FOR CAMPUS RECRUITMENT



TOP RECRUITERS



TOP-TIER OFFERING 2024-25



Countless more.....

Facebook: /gitsudr Instagram: /gitsudr YouTube: /GITSUdaipur

LinkedIn: <https://www.linkedin.com/school/geetanjali-institute-of-technical-studies-udaipur>

Campus : NH-76, Airport Road, Dabok, Udaipur-313022 (Rajasthan) 91160 39801 | 91160 39802

B.TECH. • Civil • Computer Science, • CSE (Artificial Intelligence) • Electrical • Electronics & Comm. • Mechanical
M.TECH. | MBA | MCA | BCA | Ph.D.
"Diploma in Engineering: Civil • Electrical • Mechanical • Mining
 #Subject to Approval