

## DEPARTMENT OF CIVIL ENGINEERING



### VISION

Create an academic ambience to develop civil engineering professionals with technical competencies to meet society and industry needs.

### MISSION

- To inculcate among students with fundamentals of basic sciences & engineering required for civil engineering.
- To impart and empower the quality education required for development of the society and industry.
- To provide state-of-the-art resources that contributes to ethical & congenial learning environment.

Under Graduate Programme  
B.Tech. (Civil Engineering)

### REVOLUTIONIZING CIVIL ENGINEERING: BRIDGING THEORY TO INDUSTRY IMPACT

**INDUSTRY READINESS:** Civil engineering must evolve to meet the changing needs of construction, infrastructure, and urban development. This entails fostering a culture of continuous learning, interdisciplinary collaboration, and technological integration.

**AI READINESS:** Artificial Intelligence (AI) stands as a transformative force in civil engineering, offering unprecedented opportunities for optimization, prediction, and automation. By harnessing AI algorithms, machine learning techniques, and big data analytics, engineers can enhance decision-making processes, streamline project workflows, and minimize risks.

**SUSTAINABLE DEVELOPMENT:** As stewards of the built environment, civil engineers bear a responsibility to prioritize sustainability in every project endeavor. From green building practices to renewable energy integration and resilient infrastructure design, sustainable development principles must permeate every facet of civil engineering.

**IoT & SMART CONSTRUCTION:** The Internet of Things (IoT) and smart construction technologies are revolutionizing the way we design, build, and manage infrastructure. Through the interconnectedness of sensors, devices, and data analytics platforms, engineers can monitor construction progress in real-time, optimize resource allocation, and enhance safety protocols.

**BIM (BUILDING INFORMATION MODELING):** Building Information Modeling (BIM) serves as the cornerstone of digital transformation in civil engineering. By creating intelligent 3D models that encompass geometry, spatial relationships, and data attributes, BIM enables stakeholders to visualize, simulate, and analyze construction projects with unparalleled clarity. Embracing BIM methodologies fosters collaboration, improves decision-making, and enhances project outcomes throughout the entire lifecycle.

### GOVERNMENT, PRIVATE & PUBLIC SECTOR ARE AVAILABLE FOR EMPLOYMENT



### FRONTIER AREAS

- Green Infrastructure
- Sustainable Construction and Materials
- Structural Health Monitoring
- AR/VR Design and Visualisation
- Transportation Engg. • Solar Architecture
- Infrastructure Engg. • Environmental Engg.
- Geotechnical Engg. • Drone Technology for Site Inspection and Surveying

**LABORATORIES** • COE on Sustainable Construction Materials • Material & Concrete Technology Lab • Geology Lab • Building Drawing Lab • Fluid Mechanics & Hydraulics Lab • Environmental Lab • Material Testing Lab • Geotechnical Lab • Surveying & Advanced Surveying Lab • Computer Aided Building Design Lab • Road Material Testing Lab • Structural Engineering Lab



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



Dr. Sangeeta Choudhary  
Head of Department  
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### CAMPUS FACILITIES

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

SCAN FOR



REAP CODE : 1042

## TRAININGS



Skill development by L&T



Concrete Mix Design



Drone Surveying



Practice on Total Station

## PROJECT & RESEARCH INNOVATIONS



MSME Funding @Women Hackathon 3.0 Rs. 15 Lakh



International Conference (Integrate-2025)



Self-Healing Concrete



Permeable Concrete Pavement

## INDUSTRY-ACADEMIA COLLABORATIONS



Center of Excellence by Ultratech Cement



MOU: Department of Geology, MSLU, Udaipur



MOU: C.E.S.A., Pune



MOU: IHUWASH, New Delhi

## PLACEMENT HIGHLIGHTS

NUMBER OF COMPANIES VISITED FOR CAMPUS RECRUITMENT



## TOP-TIER OFFERING 2024-25



## TOP RECRUITERS



and many more...

Countless more.....

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

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

City Office: 27-B, Opp. Mewar Inn Hotel, Bhatt Ji Ki Bari, Udaipur-313001 9116039822

Campus: NH-76, Airport Road, Dabok, Udaipur-313022 9116039801 | 9116039802 | 9116039803

**B.TECH.** CE • CSE • CSE (AI)  
EE • ECE • ME  
**M.TECH. | MBA | MCA**  
**BCA | Ph.D.**