

# Gujarat Technological University School of Engineering & Technology Campus Recruitment

Empowering  
**Structural Engineers**  
of Tomorrow

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# About GTU.



## Introduction

**Gujarat Technological University (GTU)**, established by the Government of Gujarat under Gujarat Act No. 20 of 2007, stands as a distinguished academic and research institution dedicated to fostering innovation and intellectual growth. Since its inception, GTU has become a hub for academic excellence, offering a wide array of programs in engineering, management, pharmacy, architecture, and more. With a vision to shape future leaders and innovators, GTU has embraced a holistic approach to education, blending theoretical knowledge with practical experience through state-of-the-art infrastructure, modern laboratories, and industry collaborations.

As a leading institution, GTU serves as a platform where inspired scholars, researchers, and professionals come together to push the boundaries of knowledge and innovation. The university's commitment to fostering an environment of intellectual exploration has made it a destination for those seeking to challenge conventional thinking and contribute to the evolving needs of society. Through its dynamic curriculum and focus on real-world applications, GTU continues to empower students to make a lasting impact on the global stage.

# About GTU - SET.

## Why Choose GTU - SET?

Gujarat Technological University's **School of Engineering and Technology (SET)** offers a dynamic and **future-ready learning environment**. SET is committed to providing students with **cutting-edge knowledge, industry-relevant skills, and a research-driven curriculum**. With state-of-the-art infrastructure, experienced faculty, and **strong industry partnerships**, SET ensures that students are well-prepared for **real-world challenges**.

SET boasts **state-of-the-art laboratories, advanced research centers**, and a faculty comprising **industry veterans and esteemed academicians**. The campus is equipped with **modern amenities**, including **high-tech classrooms, collaborative spaces**, and an **extensive digital library**. Our strong ties with **top companies facilitate internships, live projects, and placements**, helping students build successful careers. Whether you're aspiring to excel in Structural Engineering, Computer Science, Electronics, or any other field, SET offers a **dynamic and supportive environment** where students can thrive, innovate, and lead.



Empowering the innovators of tomorrow through knowledge, research, and hands-on experience—at SET, we don't just educate; we inspire.



# About GTU - SET.

## Key Features that Set SET Apart



### 1. Cutting-Edge Research and Innovation Centers

Our Advanced Research Centers provide students with access to modern facilities, enabling them to engage in pioneering research across various engineering disciplines.



### 2. High-Tech Laboratories for Practical Learning

With High-Performance Labs equipped with the latest technology, students gain hands-on experience in a range of real-world applications and problem-solving scenarios.



### 3. Specialized Courses in Software Development

In addition to traditional engineering programs, we offer Software Development Courses that prepare students for the evolving demands of the tech industry.



### 4. Personalized Student-Mentor Program

Each student is paired with an experienced mentor through our Student-Mentor Allocation system, providing personalized academic and career support throughout their time at SET.

# Program **Spotlight:**

## **M.E. in Civil Engineering (Structural Engineering)**

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The **M.E. in Civil Engineering (Structural Engineering)** at GTU provides specialized training to future structural engineers, focusing on the **design, analysis, and construction** of infrastructures that meet the demands of modern society. The program covers:

### **Core Areas of Study:**

The program includes structural analysis, seismic design, sustainable construction practices, advanced materials, and Disaster management.

### **Tools and Technologies:**

Students master design software like STAAD Pro, ETABs, AutoCAD, and Revit for real-world structural solutions.

### **Practical Experience:**

Hands-on experience is gained through internships with industry leaders, field trips to construction sites, and capstone projects that challenge students' engineering creativity.

### **Global Perspectives:**

Participation in international workshops and seminars allows students to gain insights into global engineering challenges and emerging technologies.

### **Collaborative Learning:**

Students work in cross-functional teams to solve real-world problems, gaining experience in collaboration, communication, and leadership within the engineering field.

### **Career Outcomes:**

Graduates of the Structural Engineering program are in high demand, securing roles in top companies such as L&T, Shapoorji Pallonji, Tata Projects, and more.

### **Mentorship from Industry Veterans:**

Each student is paired with an industry mentor to help guide their academic and professional journey, ensuring they are ready for real-world challenges.

# Guiding Minds.



## Dr. K. N. Kher

Registrar, GTU

At the School of Engineering and Technology, we provide a dynamic learning environment that fosters innovation and critical thinking. Our experienced faculty and state-of-the-art facilities are dedicated to your success. Together, let's harness our collective strengths to drive engineering excellence and inspire positive change in society.



## Dr. Jignesh A. Amin

Professor, GTU-SET

At GTU-SET, we are committed to bridging the gap between academia and industry by fostering robust partnerships with leading organizations and providing our students an opportunity to excel in a dynamic professional world. Our T&P Cell ensures that students are equipped not only with technical expertise but also with essential soft skills and adaptability to meet industry demands. I am proud of our students, who embody the values and excellence that GTU-SET stands for, making them assets to any organization. I would like to invite all prospective recruiters to be a part of our upcoming recruitment drive and offer opportunities for our postgraduates students to join your esteemed organization. I extend my gratitude to our industry partners for their continued support and encourage our students to embrace every challenge as a steppingstone toward success. Together, let us shape a future driven by knowledge, innovation, and passion

# Guiding Minds.

## Our Faculty



**DR. JIGNESH A. AMIN**

**PROFESSOR**

Ph.D. (IIT Roorkee)  
M.E. (M.S. University)  
Teaching Experience - 25+



**MR. MRIDUL S. SETH**

**ASSISTANT PROFESSOR**

Ph.D. Pursuing (GTU)  
M.E. (LDCE)  
Teaching Experience - 4+



**DR. KAUSHIK M. GONDALIYA**

**ASSISTANT PROFESSOR**

Ph.D. (S.V. NIT, Surat)  
M.E. (SVIT, Vasad)  
Teaching Experience - 5+



**MR. RASIKKUMAR V. MAKWANA**

**ASSISTANT PROFESSOR**

M.E. (LDCE)  
B.E. (LDCE)  
Teaching Experience - 5+

# Course Curriculum.

## Program Structure: Master of Structural Engineering

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### First Year

Code	Advanced Structural Subjects
3712011	Advanced Structural Analysis
3722007	Advanced Design of Steel Structure
3712017	Advanced Mechanical of Solid
3712012	Advanced Design of Concrete Structure

Code	Design and Construction
3722018	Design of High-Rise Structure
3722021	Design of Bridge Structure
3722017	Design of Formwork

Code	Computational Structural Engineering
3712013	Analytical and Numerical methods in Structural Engineering
3712018	Structural Optimization
3722016	Structural Dynamic
3700002	Disaster Management

# Course Curriculum.

## Program Structure: Master of Structural Engineering

### Second Year



### Seminars

Students participate in a series of expert-led seminars that delve into cutting-edge topics in Structural Engineering, including the latest innovations, challenges, and future trends in the industry. These seminars provide exposure to real-world applications and allow students to interact with industry leaders and professionals.

### Dissertation/Thesis

The second year focuses on independent research and project-based learning. Students are encouraged to work on their dissertation, which involves solving complex structural problems, often in collaboration with industry partners. This hands-on experience equips them with the skills required to tackle real-world structural challenges.

### Work Flow



# Course Curriculum.

## Extra Curriculum



### Expert Session

Engaging with industry leaders through expert talks and guest lectures, where students gain insights into the latest trends, technologies, and real-world applications in structural engineering. These sessions enhance professional knowledge and networking opportunities.



### Site Visit

Gain real-world exposure through visits to ongoing construction projects, observing structural techniques, material use, and safety practices.



### Sports

Promote physical fitness and teamwork through various sports events, fostering camaraderie and stress relief among students.



### Software Harmony

Mastering cutting-edge tools such as AutoCAD, STAAD Pro, and ETABs through workshops and collaborative projects, ensuring students are proficient in industry-standard software. This hands-on experience bridges the gap between theory and practice.

# Placement Statistics.

## Our Batch 2022-2024

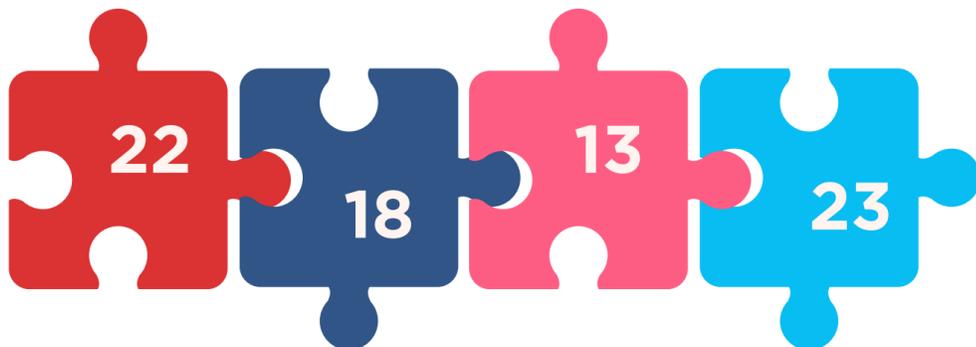
The placement season for the 2022-2024 batch at Gujarat Technological University - School of Engineering and Technology (SET) has been highly successful. With top companies from the Structural Engineering sector participating, the batch has secured impressive placements across diverse roles.



### Market Volatility

Batch Size

Total Student Placed



Registered for Placement

Total T&P Cell Offer

### Market Volatility

**7.5 LPA**  
Highest CTC

**5.4 LPA**  
Average CTC

**3.6 LPA**  
Medium CTC

**2.7 LPA**  
Lowest CTC

# Research Areas.

1

## Emerging Machine Learning in Structural Engineering

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Leveraging AI for optimizing structural design, performance prediction, and decision-making.

2

## FEM (Finite Element Method)

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Advanced computational modeling for analyzing complex structures under various load conditions.

3

## Probabilistic Analysis and Reliability-Based Design

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Designing structures with reliability assessments based on probabilistic failure analysis.

4

## Uncertainty Quantification

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Quantifying and managing uncertainties in structural design and performance predictions.

5

## Seismic Risk, Vulnerability, and Fragility Analysis

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Assessing structural resilience to earthquakes through risk and vulnerability modeling.

# Software Expertise.



ETABS



SAP2000



STAAD Pro



RCDC



AutoCAD



PYTHON



SEISMOSOFT



SAFE



MIDAS CIVIL



MIDAS GEN



# Recruitment Process

Connecting leading companies with future engineers

## 1 Invitation

1 Companies are invited to participate in the campus recruitment drive, with details about the roles and opportunities shared with the students.



## 2 Confirmation

2 Once a company confirms its participation, the Training and Placement Cell coordinates with them to finalize the recruitment process and requirements.



## 3 Scheduling

3 A recruitment schedule is arranged, including dates for pre-placement talks, interviews, and other selection activities based on mutual availability.



## 4 Shortlisting

4 Students apply for the roles, and companies review the applications to shortlist candidates based on academic performance, skills, and project work.



## 5 Results

5 After completing the interviews and selection process, the final results are announced, and offer letters are issued to the selected candidates.



# Meet Our Students.



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## BHESANIYA UTSAV H.

**Software Skills:** Etabs, Autocad, Staad pro

**Internship/Project:** Balaji Construction-Ahmedabad, Nir Architect -Ahmedabad

**BE Education :** Aditya Silver oak institute of technology-Ahmedabad



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## BODA JAYEN NAVNEETBHAI

**Software Skills:** Etabs, Autocad, Sap 2000, Staad pro , Microsoft Office

**Internship/Project:** Larsen & Toubro PVT.LTD -RAJKOT, Alcon Consultant Pvt Ltd

**BE Education :** Government Engineering college Rajkot



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## GOHEL JAY NARANBHAI

**Software Skills:** Etabs,Sap 2000, Microsoft office

**Internship/Project:** Saumya construction-Ahmedabad, EWS Residential Flats

**BE Education :** L.J institute of engineering and technology-Ahmedabad



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## KAUSHAL KUMAR KADIA

**Software Skills:** Etabs, AutoCAD, Sap 2000, Microsoft office, STAAD.Pro, Revit, Sketchup, SACS

**Internship/Project:** Gelas Architects & Interiors-Ahmedabad, Karnavat Consultant-Ahmedabad

**BE Education :** Gujarat Power Engineering and Research Institute - Mehsana



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## KHATRI HARSHKUMAR K.

**Software Skills:** Etabs, SAP2000 , AutoCAD, STAAD Pro, ABAQUS, Microsoft Office

**Internship/Project:** Sarjan Infra. str.-Ahmedabad, ZSquare Buildcon-Ahmedabad

**BE Education :** L J Institute of Engineering & Technology - Ahmedabad



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## MITANSHU NAVAGHANBHAI MAKAVANA

**Software Skills:** SAP2000, ETABS, STAAD PRO, SKETCH UP,AUTOCAD, BLENDER ,MICROSOFT OFFICE.

**Internship/Project:** ATR INFRAPROJECTS PVT.LTD. - BHAVNAGAR, KPI GLOBAL PVT.LTD- BHAVNAGAR

**BE Education :** SHANTILAL SHAH GOVERNMENT ENGINEERING COLLEGE-BHAVNAGAR



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## MAKWANA HONEY SANJAYBHAI

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## MODH SMIT VIMALKUMAR

**Software Skills:** AutoCAD, ETABS, REVIT, MS Office, staad pro, sketch up

**Internship/Project:** Spartan Builders Pvt. Ltd. - Ahmedabad

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## MODI NETRA ASHOKBHAJ

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## PARMAR NEEL A.

**Software Skills:** SAP2000, ETABS, STAAD PRO, SEISMOSTRUCT, MIDAS CIVIL

**Internship/Project:** Effect of irregularities on seismic performance of building and L.L.R.S.

**BE Education :** BVM Engineering College - Anand



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## PRAJAPATI DHAVAL RAJESHBHAI

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**Internship/Project:** Dharmmani construction-Ahmedabad

**BE Education :** Silver oak college of engineering and technology-Ahmedabad



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## PRAJAPATI GOPI KARNARAM

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## SAURAV BHATTA KARMARKAR

**Software Skills:** Etabs, SAP2000, AutoCAD, STAAD Pro, Sap 2000, Planswift, Microsoft office

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## SINGH DEVANSHI ARVINDSINH

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**Internship/Project:** Ashish Infracon PVT. LTD. - NCC Infraspace PVT.LTD. (JV) - Gandhinagar

**BE Education :** LDRP-ITR - GANDHINAGAR

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## SINGH ROSHAN ANSHU SANTOSH KUMAR

**Software Skills:** AUTOCAD, E- TABS, STAAD-PRO, REVIT, MS-OFFICE, SAP 2000

**Internship/Project:** SAMARPAN DEVELOPER -MEHSANA

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## SODHA JAYDEEPSINH BHUPENDRASINH

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**Internship/Project:** Pramukh Construction-Bhuj

**BE Education :** GOVERNMENT ENGINEERING COLLEGE-BHUJ

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## SUTHAR DEEP NARENDRAKUMAR

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**Internship/Project:** Silicon Sponta - Silicon Developer - Mehsana

**BE Education :** Gujarat Power Engineering and Research Institute - Mehsana



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## VIKANI DARSHAN MAHESHBHAI

**Software Skills:** STAAD PRO, SAP2000, AUTOCAD, MS OFFICE

**Internship/Project:** Noor Consultant-Ahmedabad

**BE Education :** Government Engineering college-Rajkot



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## VISHWASH RUKWAL

**Software Skills:** ETABS, RFEM 6 ,AUTOCAD ,MS OFFICE,MIDAS

**Internship/Project:** Vraj infra structure pvt. Ltd-Bhavnagar, PWD R AND B DEPARTMENT DODA JAMMU AND KASHMIR

**BE Education :** Shantilal Shah Government engineering college-bhavnagar



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## VYAS NIKUL BHIKHUBHAI

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**Internship/Project:** Sangini Group-Surat

**BE Education :** Shantilal Shah Government engineering college-Bhavnagar



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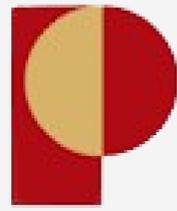


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BHOOMI  
— CONSULTANTS —



RKG

MEP Consulting Engineering Services

MIDAS

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