










Structural Engineering @SVIT

Vadodara is set to become the hub for Engineering Services, which makes Structural Engineering a highly demanding specialization branch of Engineering. The industry is continuously evolving with the development of new materials and technology, meaning the options and opportunities throughout the career could be endless with a great deal of variety and ever learning experience.

- We understand the demands from the industry, and we nurture our students to be industry ready.
- Students carry out Structural Design Project pertaining to Steel and RCC Multistoried Buildings, Industrial Structures, Storage Structures, Bridges and High Rise Structures like transmission towers, etc. defined by industry experts.
- The students are also taught Structural Designing both as per national and international Standards.
- Apart from Classroom teaching, we also train students in Structural Design Softwares like STAAD, SAP, and ETABS, as well as MATLAB programming.
- As a part of the program, students gain knowledge in the domains of Steel and RCC Design, Earthquake Resistant Design of Structures, Displacement Based Design of Structures, Nano Engineered Concrete, and Experimental Structural Engineering.

Scope

-  Project Engineer
-  Structural Consultant
-  Academia and Teaching
-  Forensic Engineering
-  Structural Designer at MNC's
-  PSUs & Government Departments
-  Geotechnical Engineering
-  Concrete Technologist at MNC's
-  Research & Development

Program Details

- ME (Structural Engineering)
- Program Duration: 2 Years (4 Semesters)
- Program approved by: AICTE, New Delhi
- Program Affiliated to: Gujarat Technological University (GTU)

Eligibility

- Bachelor's Degree: Must have a degree in Civil Engineering, or a related field from a recognized institution with the aggregate score specified by GTU.
- Entrance Examination: May need to take Gujarat PGCEET or equivalent exams; scores can influence selection and scholarship eligibility.

Admission Process

- The admission process for Master of Engineering (M.E.) programs in Gujarat is done through <https://gujacpc.admissions.nic.in/>

Scholarships

- National Scholarship Portal (NSP)
- Mukhyamantri Yuva Swavalamban Yojana (MYSY)
- Digital Gujarat Portal Scholarship (For SC, ST, SEBC)
- AICTE Scholarships
- SVIT Student's Fund

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Website



Location



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SARDAR VALLABHBHAI PATEL
INSTITUTE OF TECHNOLOGY, VASAD

Master of STRUCTURAL ENGINEERING





Recruiters



Life at SVIT



Prakarsh
A national level
technical symposium

Malhar
Cultural event



Annual Day



Sports



NSS Activities



**Blood
Donation
Camp**



**Robotics
Prize**



**University
Gold Medalists**



About the Department

- Established in 1997, offering B.E. (Civil Engineering) program with 60 student intake.
- Started postgraduate program in Structural Engineering in 2012, admitting 18 students.
- Boasts well-qualified faculty and advanced laboratories. Recognized as one of the leading Civil Engineering Departments in the state.
- Faculty includes 10 members, with six holding doctorates from renowned institutions like IITs and NITs.
- Offers consultancy and testing services in various fields. Environment Audit Cell approved by Gujarat Pollution Control Board for auditing Schedule-I industries.

Industry Engagement

The Structural Consultancy Cell of the department takes up consultancy works pertaining to Geotechnical Engineering, Structural Engineering, and Concrete Technology. It also offers Structural Design audit work and material testing.

Internship are offered by reputed Structural consultants, and Companies like Shah and Talati, SMV Engineers, Dheeraj Engineering, Yogi Engineering, Kambad Engineering, etc. The department has received research funding from AICTE, GUJCOST, STBI Prayas Center, etc for carrying out various research projects.

