#### Mechanical Engineering @SVIT

- Hands-on learning with cutting-edge projects
- Collaboration opportunities with industry partners
- Experienced faculty providing mentorship
- Interdisciplinary curriculum covering Robotics, 3D Printing, and Industry 4.0
- State-of-the-art facilities and supportive community for success in mechanical engineering

B.E. in Mechanical Engineering accredited by NBA from 2023-24 to 2025-26.

# Pedagogy

- Well qualified and experienced faculty members (most of them with Ph.D. degrees)
- Air conditioned classrooms with sufficient space
- Interactive learning through smart teaching aids
- Well-equipped laboratories for practical learning
- Interdisciplinary project based learning
- Faculty counselor for supportive relationship with each student

#### Scope

Design		Manufacturing
Automotive	-	Aerospace
Robotics		HVAC
Energy / Thermal & Fluid science		
Product Development		
Project Management		
Research and Development		
	Automotive Robotics Energy / Thermal & F Product Developmen Project Management	Automotive Robotics Energy / Thermal & Fluid scie Product Development Project Management

# **Program Details**

- BE (Mechanical Engineering)
- Program Duration: 4 Years (8 Semesters)
- Program approved by: AICTE, New Delhi
- Program Affiliated to: Gujarat Technological University (GTU)

# Eligibility

- Candidates should have completed their higher secondary education (12<sup>th</sup> Std.) from a recognized board like GSEB, CBSE or equivalent with Physics, Chemistry, and Mathematics as compulsory subjects.
- A minimum aggregate score of **45%** (General Category) / **40%** (Reserved Category) is required in the qualifying examination.
- The candidate must have appeared in Gujarat Common Entrance Test (GUJCET).

#### **Admission Process**

- The admission process for Bachelor of Engineering (B.E.) programs in Gujarat is done through https://gujacpc.admissions.nic.in/
- Lateral admissions in 2<sup>nd</sup> year are offered to eligible diploma graduates.

# Scholarships

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

#### 💊 +91 95107 82983 / 84

- www.svitvasad.ac.in
- ♀ B/h. S.T. Bus Depot, Vasad-388306, Anand, Gujarat

#### Website Location



follow us for more details on

svitvasadofficial f 💿 X 🖸



# SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY, VASAD

# Bachelor of Engineering **MECHANICAL**

"Accredited by NBA, New Delhi"



Consulting Engineer



### **About the Department**

- Establishment of mechanical engineering department in 1997.
- State-of-the-art laboratories equipped with the latest equipment to provide the best learning environments.
- Focus and aimed at enhancing understanding of industrial aspects with its engineering applications.
- Highly qualified faculty members holding doctorate and master's degrees from reputed universities.
- Taking multi-dimensional initiatives beyond the curriculum for holistic student development.
- Student Start-up and Innovation Policy (SSIP) collaborates with the state government to provide funding for innovative projects and patents.
- Encouraging support for students and alumni in pursuing employment-related endeavours. Control board for auditing schedule-i industries.



#### **Industry Engagement**

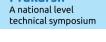
**Recruiters** 

Versatile career opportunities in industries like automotive, aerospace, energy, and robotics. Emphasis on hands-on projects for practical skills development. Collaboration with industry partners for exposure to current trends and technologies. Inclusion of internships, co-op experiences, and networking events for professional growth. Requirement for staying updated with the latest advancements, fostering lifelong learning.

# Life at SVIT











# Sports









Blood Donation Camp





