## E&C Engineering @SVIT

- Highly skilled and seasoned faculty members
- Hands-on learning through well-equipped, upgradable laboratories supported by proficient laboratory technicians
- Focus on grooming engineers for modern industrial demands
- Department offers many ingredients to inculcate all round development of students which includes Extra and Co – curricular activities such as Expert Talks, Workshops, Seminars, Industrial visits etc.

## 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 counsellor for supportive relationship with each student

## Scope

EC engineering is a rapidly growing field, especially with advancements like 5G, IoT, and AI. EC professionals are in high demand across sectors like telecommunications, semiconductor manufacturing, and IT. In India, EC engineers have vast opportunities from R&D to entrepreneurship. The Indian semiconductor industry is expected to generate 1.75-2 million jobs by 2025, offering competitive salaries to skilled professionals.

- Embedded System
- Electric Vehicles
- AI, IoT, Machine Learning
- IT firms
- Space Technology
- Robotics and Automation
- Telecommunication
- Computer Network
- VLSI & Semiconductor Chip Design

## Program Details

- BE (Electronics & Communication 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 (12th 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 2nd 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

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**Website**

**Location**

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## SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY, VASAD

Bachelor of Engineering
# ELECTRONICS & COMMUNICATION

## Recruiters



## About the Department

The Bachelor of Engineering course in E. C. Department started in 1999 with vision of providing quality education and skilled manpower. Highly qualified and vastly experienced faculty members of the ec department are our supreme strength. The biggest achievement of the department came in 2009, when it was accredited by the national board of accreditation (NBA). The department is having well equipped and state-of-art laboratories. Well educated and skilled laboratory technicians are adding of perspective strength to grooming engineers in view of modern industrial needs.

## Industry Engagement

### Department has signed MoUs with industries like



**Department arranged industrial visit for students in many industries**

- ISRO (Ahmedabad)
- Scientech Technologies Pvt. Ltd (Indore)
- Bioline India (Indore)
- E-infochips (Ahmedabad)
- Matrix Comsec (Vadodara)
- Aimtron Electronics Ltd. (Vadodara)
- Fineline circuit ltd. (Vadodara)
- BISAG (Gandhinagar)
- Pyrotech Electronics Pvt. Ltd. (Udaipur)

## 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**