



**SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE**

Constituent of Symbiosis International (Deemed University), Pune

(Established under Section 3 of the UGC Act of 1956 vide notification number.F-9-12/2001-U-3 of the Government of India)

Re-Accredited by NAAC with 'A++' Grade

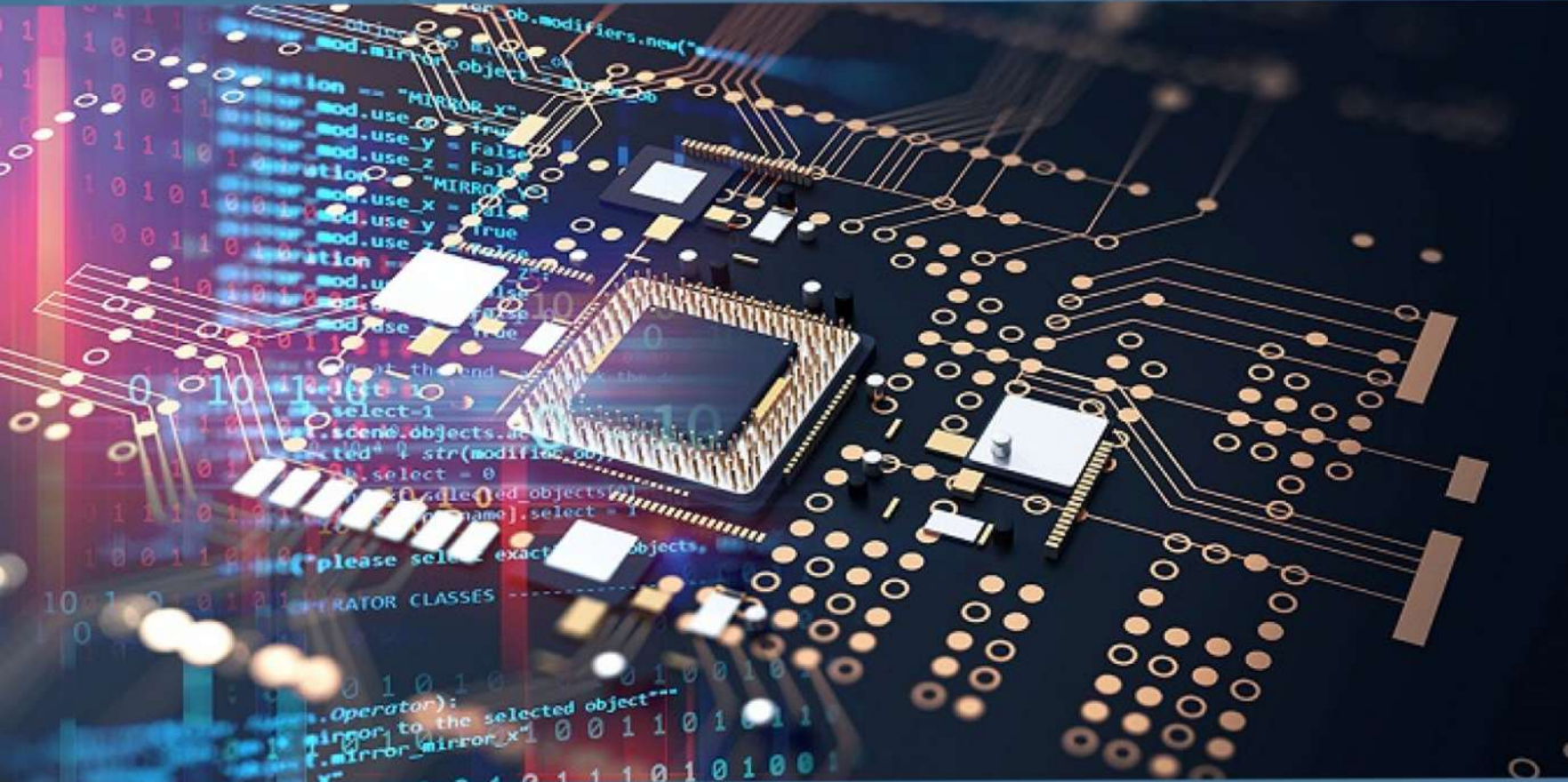
॥ वसुधैव कुटुम्बकम् ॥



Celebrating 50 Years of Excellence

# DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

*Shaping Future Engineers in Semiconductors, AI & Next-Gen Communication*



## PROGRAMS OFFERED (B.Tech With Honours and Minors )

(NBA Accredited for AY 2024-25, 2025-26, and 2026-27)

Bachelor of Technology (Electronics and Telecommunication Engineering)

Bachelor of Technology (Electronics and Telecommunication Engineering) with Honours in Semiconductor Technology



Bachelor of Technology (Electronics and Telecommunication Engineering) with Minors in Artificial Intelligence and Machine Learning

Bachelor of Technology (Electronics and Telecommunication Engineering) with Honours in Embedded Systems



Bachelor of Technology (Electronics and Telecommunication Engineering) with Minors in Cyber Security

## ACCREDITATION & RANKINGS



AY 2024-25, 2025-26, and 2026-27



In Private Engineering Colleges in India



By NIRF in Engineering For 2025

## ABOUT THE DEPARTMENT

The E&TC Department offers a future-ready, NEP 2020, and AICTE-aligned curriculum integrating electronics, next-generation Communication, Embedded Systems and IoT, Semiconductor and AI/ML. With advanced labs, strong industry partnerships, semester-long internships, and international exposure opportunities, students develop hands-on skills and gain global competence. The program prepares graduates for strong career opportunities in core Electronics, Semiconductor design, Telecom Engineering, Embedded Systems, and cutting-edge technology domains.

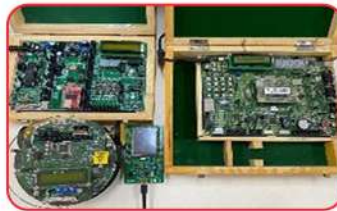
## DEPARTMENT HIGHLIGHTS

AICTE and NEP 2020 Recommended Curriculum	Curriculum benched marked with International Universities	Opportunity to pursue Diploma in Business Management from SIBM, Pune	Global Immersion Program	Semester Long Internship Program
CoE in Semiconductor Design Excellence Lab	5G Use Case Lab by Department of Telecommunication (DoT), India	Project Based Learning and Tinker Lab	Service Learning Activities	Active Student Clubs and Bodies
Industry Visits, Expert Sessions	Entrepreneurship Ecosystem	Industry led Flexi Credits and Value-Added Courses	Industry Sponsored Labs	Techfests and Hackathons

## INFRASTRUCTURE



Semiconductor Design Excellence Lab



Embedded Systems Lab



Digital Electronics Lab



5G Use Case Lab



Basic Electrical & Electronics Lab



Renewable Energy Lab



Digital Signal Processing Lab



Electronic Devices and Circuits Lab

## LABS POWERED BY

State-of-the-art labs aligned with Industry needs

cadence

MathWorks

ST

Virtual Labs

ARM University

NXP

KEYSIGHT

CISCO

SYNOPTIS

Ansys

LTspice

SILVACO

BAJAJ BEST

Infosys Springboard

Maker Lab

## EXPERTISE

Embedded Systems & IoT

Semiconductor Technology

Next Generation Communication

Image & Signal Processing

## RESEARCH AT A GLANCE



# PLACEMENTS

<b>Mariyam Ashai</b>  	<b>Ananya Srivastava</b>  	<b>Mayank Paranjape</b>  	<b>Riya Ganguly</b>  	<b>GS Varsha</b>  	<b>Sinjoni Mukhopadhyay</b>  
<b>Abhishek Singh</b>  	<b>Ananya Huddar</b>  	<b>Naval Kshirsagar</b>  	<b>Aliya Shaikh</b>  	<b>Shashwat Bajpai</b>  	<b>Pravin Sridhar</b>  
<b>Shivi Koshti</b>  	<b>Ved Singh</b>  	<b>Devesh Abhyankar</b>  	<b>Pooja Gaidhani</b>  	<b>Steve Francis</b>  	<b>Vishwak Chella</b>  

## MAJOR RECRUITERS

HARMAN	PhonePe	FiscalNote	Deloitte	Easebuzz
GEP	Growisto	HDFC BANK	stryker	brose
MSD	HOLTECASIA	PHILIPS	miniOrange	Persistent
PIG	hp	MIQ	Relanto	XORIENT
EXIDE	NVIDIA	GE APPLIANCES	ITC INFOTECH	TATA
cognizant	BAJAJ FINSERV	FORGE.AI	MUFG	ORACLE FINANCIAL SERVICES
verolt	tracelink	amazon	RENASAS	slb

## INDUSTRY MoUs/COLLABORATIONS

PHILIPS	CISCO	MathWorks	STPI	UNITAR ELECTRONICS (P) LTD.
TECH mahindra	arm	FLASH	ni logic	SMART LOGIC
SGS	SPARK MINDA	TCS	MAVEN TECH.	IRAVAN TECHNOLOGIES
Inter Institutional Inclusive Innovations Centre	DIGIZ2500	PMS	Cyberdac Solutions	

# GLOBAL EXPOSURE

AICTE Mitacs Research Internship, Canada



Summer School at RUDN, Russia



Semester Exchange at NCHU, Taiwan



Semester Exchange at Design Factory Aston, UK



## INTERNATIONAL PARTNERS



## NOTABLE ALUMNI



**Nitish Garg**  
System Validation Engineer,  
NXP Semiconductor  
Styria, Austria  
Batch: 2014-18



**Mayank Paranjape**  
Data Centre Engineer,  
Google, Ireland  
Batch: 2016-20



**Niharika Saxena**  
Senior Digital Product  
Manager,  
Wells Fargo, India  
Batch: 2013-17



**Ankit Sharma**  
Senior Embedded Engineer,  
Azista Aerospace,  
Hyderabad, India  
Batch: 2016-20



**Pathikrit Guha**  
Sr. Technical Program  
Manager,  
Amazon, USA  
Batch: 2008-12



**Anshul Saxena**  
Energy Market Project  
Manager,  
1898 & Co. USA  
Batch: 2010-14

## HIGHER STUDIES

Our graduates pursue higher education at globally ranked Universities



## ALUMNI TESTIMONIALS



**Ms. Ayesha Khan**  
Hardware Product  
Definition Lead, NVIDIA,  
California, USA.  
Batch: 2009-13

"I am deeply grateful to my alma mater for the transformative experience it offered. The Institute's academic excellence, supportive faculty, and state-of-the-art resources helped me grow both academically and personally. The vibrant campus life and diverse extracurricular activities strengthened my leadership and teamwork skills".



**Mr. Pranjul Khanna**  
General Manager- Engineering  
Digital Energy Division Energy  
Schneider Electric,  
Gurgaon, India.  
Batch: 2009-13

"The E&TC Department at SIT Pune, gave me a strong foundation in Automation and Power Electronics, with practical labs and hands-on projects that bridged theory and real-world applications. The program's blend of hardware and software skills, along with its rigorous and industry-focused approach, prepared me well for a dynamic and employable career".



**Mr. Shashwat Bajpai**  
Senior Software Engineer,  
Mathworks,  
Hyderabad, India.  
Batch: 2015-19

"The E&TC Department at SIT, greatly strengthened my technical knowledge and professional growth through industry-oriented learning, hands-on projects, and a curriculum focused on emerging technologies. With strong faculty support and ample opportunities for research and innovation, I developed into a confident and competent professional".

## STUDENT ACTIVITIES & CLUBS

### IEEE ACTIVITIES (PROFESSIONAL SOCIETIES)



### EDC CLUB (ELECTRONIC DESIGN CLUB)



### NGCC CLUB (NEXT GENERATION COMMUNICATION)



## Department of Electronics and Telecommunication Engineering

Symbiosis Institute of Technology, Pune – 412115

+91 7262810404 | 02061936499 | entccoordinator@sitpune.edu.in

www.sitpune.edu.in

