



# SAI VIDYA INSTITUTE OF TECHNOLOGY

*Learn to Lead*



Be Part of Atmanirbhar Bharat



## B.E in Electronics and Communication Engineering ( ECE)

A Proposed Autonomous Institution

Affiliated to

Visvesvaraya Technological University (VTU)



EST: 2008

DEPARTMENT OF

**ELECTRONICS & COMMUNICATION ENGINEERING (ECE)**

INTAKE

B.E in ECE - 120

B.E in ECE Working Professionals - 30

CET CODE

**E-173**

COMEDK CODE

**E-113**

An Institution Promoted by Eminent Professors

*An Unique Academic Leadership Model in Karnataka*

Scan Here



ADMISSIONS OPEN

FOR AY : 2026-27



<https://admissions.saividya.ac.in>



**+91-9108575191 /  
+91-9364912981**

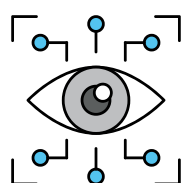
# ABOUT THE DEPARTMENT

The department is accredited by the National Board of Accreditation (NBA), New Delhi and affiliated with Visvesvaraya Technological University (VTU). It is driven by strong academic leadership with a focus on research and Outcome-Based Education (OBE). The department is supported by experienced faculty specializing in VLSI, embedded systems, RF and Microwave, photonics, signal processing, Quantum Computing and Machine Learning. Innovative teaching methods, including project-based learning and interdisciplinary collaboration, prepare students for real-world challenges.

Students actively engage through technical forums and a vibrant IEEE Student Branch, enabling participation in international conferences across the USA, Germany, Canada, China, Kenya and South Korea with travel support. The department is equipped with advanced tools such as Cadence, COMSOL, MATLAB, Opti-BPM and Intellisuite. The Department has secured over ₹70 lakhs in funding from agencies like DST-SERB, AICTE, VGST, KSCST and IEEE.



## VISION



To be a leading global Centre of excellence in Electronics and Communication Engineering, producing skilled and innovative engineers to contribute to the betterment of humanity.



## INFRASTRUCTURE

- Smart digital classrooms.
- Well-equipped laboratories.
- Dedicated Project and fabrication space.
- Dedicated Research Centre and COE's.
- Digital Library and access to E Resources.
- Next-Gen Connected Campus (550 Mbps)

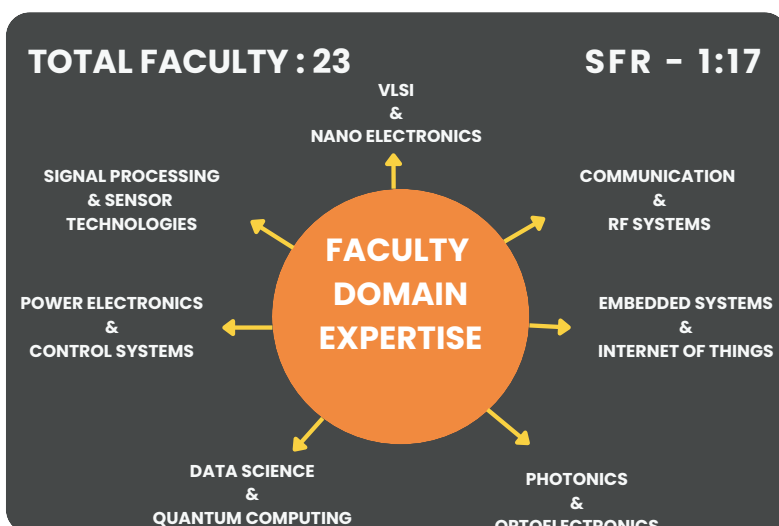


## MISSION

- To educate and empower students with cutting edge technologies and innovation in Electronics and Communication Engineering to meet global challenges.
- To foster a culture of research, innovation and ethical practices by creating a conducive ecosystem for faculty and students to address societal needs.
- Promoting collaboration with academia and industry to empower students as socially responsible, globally competent professionals and potential entrepreneurs.



## FACULTY EXPERTISE



## DEPARTMENT ACHIEVEMENTS: RESEARCH & IPR

₹70 Lakhs  
Research  
Grants

194  
Publications

11  
IEEE  
Professional  
SBC's

40+  
Patents

07  
Ph.D's  
Awarded

07  
Research  
Supervisors



<https://saividya.ac.in>

# DEPARTMENT OF ECE

## FACULTY QUALIFICATION & EXPERIENCE



**Dr. Jayasimha Y**  
Trustee & Professor

35+ years of academic excellence, specialized in Deep Learning & Neural Networks



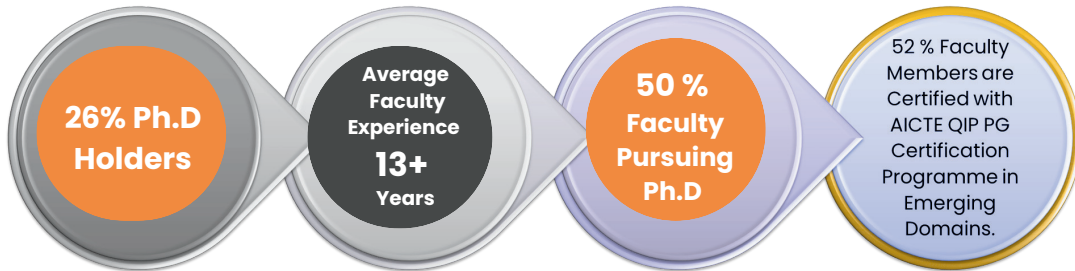
**Prof. R C Shanmukha Swamy**  
Trustee & Professor

35+ years of academic excellence specialized in Power Systems, Control Systems and Communication



**Dr. Venkatesha M**  
Professor & HOD

15+ years of academic excellence, specialized in Integrated Photonics, RF, Quantum Computing and Data Science



FACULTY COMPLETED AICTE QIP PROGRAMME

@ Institutes of National Importance (INI's)

**Dr.Venkatesha .M**



Data Science & Quantum Computing  
IIITM Gwalior

**Dr.Suryanarayana NK**



Data Science & Quantum Computing  
IIITM Gwalior

**Dr.Vani BP**



Internet of Things  
IIITDM Kurnool



Atal Bihari Vajpayee  
Indian Institute of Information Technology  
and Management, Gwalior  
(An Institute of National Importance, Ministry of Education, Government of India)



**Prof.Praveen BR**



Cyber Security  
IIIT Dharwad



ज्ञानेन विकासः

**Prof.Advaith PR**



Machine Learning  
IIIT Raichur



ಭಾರತೀಯ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ ಸಂಸ್ಥೆ ರಾಯಚೂರು  
भारतीय सूचना प्रौद्योगिकी संस्थान रायचूर  
Indian Institute of Information Technology Raichur

**AICTE QIP  
PG  
Certification  
Programme**

**Prof.Darshan RV**



Data Science & Quantum Computing  
IIITM Gwalior

**Prof.Akshith Monnappa K**



Data Science & Quantum Computing  
IIITM Gwalior

**Prof.Divya TM**



Machine Learning  
IIIT Raichur



# CURRICULUM HIGHLIGHTS

- VLSI Design & Testing
- Electronic Devices
- Analog Electronic Circuits
- Digital Communication
- Network Analysis
- Microwave & Antennas
- Embedded System Design

- Microprocessors and Microcontrollers
- Control Systems Engineering
- Electromagnetic Theory
- Computer Networks and Protocols
- Digital Signal Processing
- Principles of Communication Systems
- Satellite and Optical Communication

## SOFTWARE TOOLS FOR ACADEMIC & RESEARCH

- MATLAB R2025a
- Cadence
- DSP System Toolbox
- Signal Processing Toolbox
- IntelliSuite MEMS License
- COMSOL MEMS Module
- COMSOL Multiphysics
- OPTI BPM



## STUDENT CLUB AND IEEE STUDENT BRANCH CHAPTERS

### IEEE SVIT STUDENT BRANCH CHAPTERS



### DEPARTMENT STUDENT CLUB



## STUDENT GROWTH & BENEFITS

### Scholarships



Financial support  
for  
education

### Volunteering & Leadership



Skill development and  
community  
engagement

### Travel Grants



Global experiences and  
Participation in  
IEEE Flagship Conferences



<https://saividya.ac.in>

# STUDENT ACHIEVEMENTS

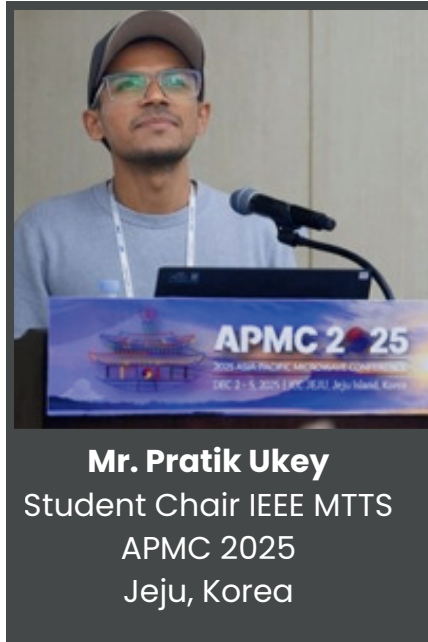
## STUDENT TRAVEL GRANT RECIPIENTS



20+ STUDENTS VISITED ABROAD : STUDENTS REPRESENTATION AT IEEE/SPIE FLAGSHIP CONFERENCES



**Mr. Bhavesh V**  
Student Chair, IEEE AESS  
SYP Congress 2025  
Nairobi, Kenya



**Mr. Pratik Ukey**  
Student Chair IEEE MTTs  
APMC 2025  
Jeju, Korea



**Mr. Preetham H**  
Student Chair IEEE APS  
IMA Symposium 2025  
Nairobi Kenya

## STUDENT CENTRIC ACTIVITIES



**STUDENTS VOLUNTEERING AT IEEE MICROWAVE  
WORLD LEADERS CONCLAVE**



**STUDENTS VOLUNTEERING AT LASER WORLD  
PHOTONICS**

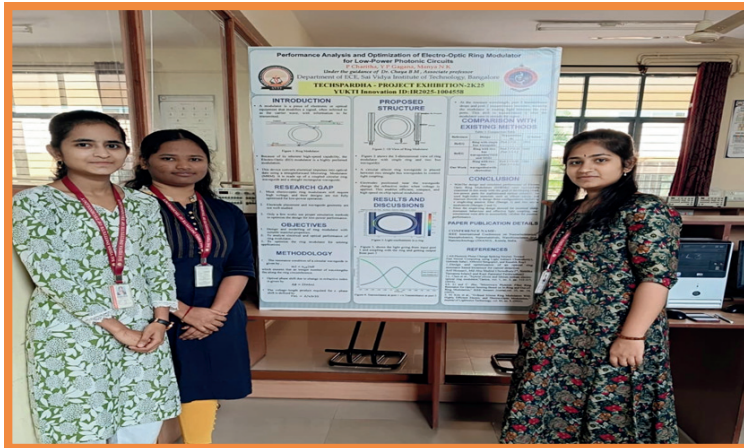


**STUDENTS ORGANIZING IEEE APS-MTTs Distinguished Microwave Lecture & Young Professional  
Lecture Talk**



# STUDENT CENTRIC ACTIVITIES & ACHIEVEMENTS

## PROJECT EXPO & PAPER PRESENTATIONS



## INDUSTRY CONCLAVE : PROTECH SUMMIT: Panel Discussion



## WORKSHOPS & STUDENT DEVELOPMENT PROGRAMMES



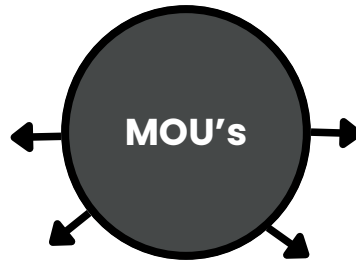
## WINNERS at STATE LEVEL PROJECT EXPO : ANVESHANA 2K25-26



# MEMORANDUM OF UNDERSTANDING (MOU's)



**Lab & Lectures**  
Semiconductor Chip Design Partner



**L2MRail**  
For Your Tomorrow



## MOU'S HIGHLIGHTS

- ✓ In-house Training Programs
- ✓ Workshops & Seminars
- ✓ Career Opportunities
- ✓ Skill Development programs
- ✓ Internships and Placement Opportunities

## PROJECT EXHIBITION - TECH SPARDHA 2K25



## STEM - OUTREACH PROGRAM



## INSPIRING ALUMNI TALKS



# EXTRA CURRICULAR ACTIVITIES

## INDUSTRIAL VISITS



Indian Institute of Astrophysics, Gowribidnur



Envisys Technologies Pvt Ltd, Peenya



Project Exhibition IMTEX 2025-BIEC, Bengaluru

## YOGA



Yoga practice activities to promote physical fitness, mental well-being and stress management among students and faculty

## NCC



NCC Cadets won Medals at NCC Inter Group Shooting Competition



Cadets representing the Karnataka and Goa Directorate at the prestigious Republic Day Camp (RDC) 2026



Honoured with a Recommendation Award by the Deputy Director General, Karnataka & Goa Directorate



Mysore Lancers Haifa Day celebrations at Malleswaram, Bengaluru

## ANNUAL CULTURAL FEST- SANCHALANA



## SPORTS



## MENTOR - MENTEE SYSTEM



# PLACEMENT & HIGHER EDUCATION

## TOP RECRUITERS



## HIGHER EDUCATION

### TOP UNIVERSITIES

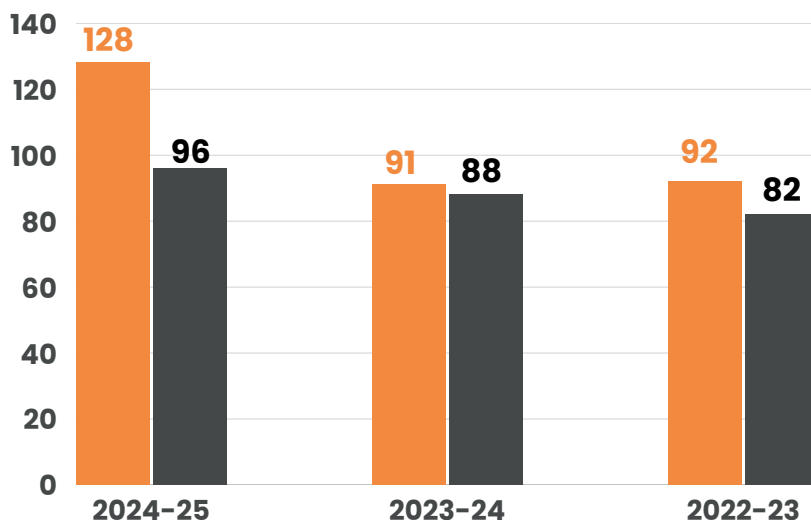
- THE UNIVERSITY OF SYDNEY
- UNIVERSITY AT DRESDEN GERMANY
- AUCKLAND UNIVERSITY OF TECH. NEW ZEALAND
- SANJOSE STATE UNIVERSITY UNITED STATES OF AMERICA
- UNIVERSITY OF SIEGEN GERMANY

## PLACEMENT

## STATISTICS

Academic Year	Total No of students	No. of students placed	Higher Education
2024-25	128	96	2
2023-24	91	88	2
2022-23	92	82	10

- Total No of students
- No. of students placed



## GATE 2026 ACHIEVERS



**Mr. Amaan S**  
ALL INDIA RANK  
542



**Mr. Anup Kumar**  
ALL INDIA RANK  
5459



**Mr. Rajanish Kumar**  
ALL INDIA RANK  
5758



# NOTABLE ALUMNI



**Bina Rajan**

Robotic Vision Researcher  
ARIAM Hub Australian Centre for  
Robotics, University of Sidney



**Dr. Divyashree A**

Senior Staff Physical design  
Engineer IBM Labs (ISDL)



**Samyuktha Nagesh**

Life Sciences Consultant PwC  
Rutgers University-New Brunswick  
Chicago, Illinois, United States



**Prashanth S**

Lieutenant Indian Army



**Sagar B K**

Development lead, IBM



**Ananya N**

Technical Engagement Manager  
JFrog



**Prajwal N**

Formal Verification Engineer  
MetaVLSI



**Akanksha Venkatesh**

Embedded S/w Engineer,  
Bosch



**Bhargavi V**

Team Lead at  
Accenture



**C Uday Kumar**

Senior Software Engineer at TCS  
Dialogue Writer, Screeplay&  
Lyric Writer, Exectutive Producer



**Sneha P**

COO(R&D) and Scientist-C  
at L2M RAIL



**Manjeet Kumar**

Project Manger,  
Mindteck



# FUTURE ASPECTS

## CAREER OPPORTUNITIES FOR ECE GRADUATES



**VLSI, CHIP DESIGN &  
SEMICONDUCTOR  
INDUSTRY**



**IT & SOFTWARE  
INDUSTRY**



**AI & ROBOTICS,  
EMBEDDED SYSTEMS,  
IOT & AUTOMATION**



**RF ENGINEERS,  
SIGNAL PROCESSING &  
NETWORKING**



**HIGHER STUDIES &  
RESEARCH**



**GOVERNMENT & PSU  
CAREERS**



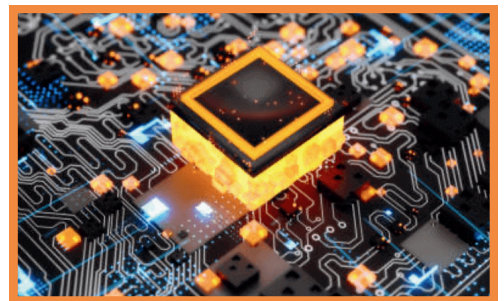
## TECHNOLOGIES ALIGNED WITH INDIA'S MAJOR MISSIONS



**India Semiconductor Mission**



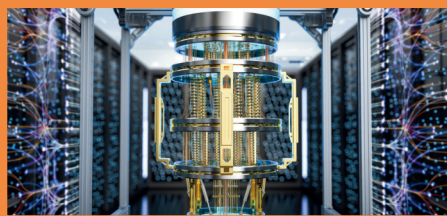
**Bharat 6G Mission**



**VLSI & Chip Design Initiative**



**Make in India &  
India AI-Mission**



**Quantum India Mission &  
Digital India Mission**



Scan &  
Join the Future



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