SCHOLARSHIPS FOR PG STUDENTS

- **Tution fee (Rs. 50,000/year) waiver** for 30% of the students of sanctioned class strength on merit basis, as applicable.
- **Management Scholarship** for tution fees and assistance for books and instruments.
- **GATE Scholarship of Rs. 12,400 per month** for students having valid GATE Score.
- Sponsorships for students to attend conferences.
- **Intramural M.E/M.Tech Student Research Grant** to carry out innovative projects.

RESEARCH AREAS

- Biomedical Instrumentation
- Computer Networks & Network Security
- Digital Signal Processing & Image Processing
- Embedded Systems
- Fiber Optic Communication
- IoT (Internet of Things)
- Nano Electronics
- RF & Microwave Engineering
- Robotics & Artificial Intelligence
- VLSI & Microelectronics
- Wireless Communication Networks

ABOUT SVCE

Sri Venkateswara College of Engineering (Autonomous) is a premier self-financing institution started in the year 1985. The college offers 11 B.E/B.Tech Programmes and 8 M.E/M.Tech Programmes in Engineering and Technology. The Programs are approved by AICTE and the college is affiliated to Anna University, Chennai. The college is also accredited by National Assessment and Accreditation Council (NAAC). Many programs are accredited by National Board of Accreditation (NBA). The college is also certified by ISO 9001:2015. The institution received the autonomous status in the year 2016. Our Vision is to be a leader in Higher Technical Education and Research by providing state-of-the-art facilities to transform the learners into global contributors and achievers.

ADMISSION INFORMATION

A pass in a recognized Bachelor's degree or equivalent in the relevant field and should have obtained atleast 50% in the qualifying degree examination.

Admissions are through Tamil Nadu Common Entrance Test (TANCET) conducted by Anna University or GATE

For more information please contact:
Head of the Department
Tel: +91-44-2715 2000 Ext: 200
Email: hodec@svce.ac.in

Dr.A.C.MUTHIAH CENTRAL LIBRARY

SRI VENKATESWARA COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION)

AFFILIATED TO ANNA UNIVERSITY
Sriperumbudur Tk – 602117,
Tamilnadu, India.
www.svce.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADMISSION BROCHURE FOR M.E COMMUNICATION SYSTEMS

2024-2025

SVCE

ABOUT THE DEPARTMENT

SVCE started the Department of Electronics and Communication Engineering in the year 1985. The Department offers B.E. in Electronics and Communication Engineering and M.E. in Communication Systems. It is also approved as a Research Centre in Ph.D and MS (by Research) programmes by Anna University, Chennai.

HIGHLIGHTS OF M.E. COMMUNICATION SYSTEMS

➤ Communication Systems is one of the emerging fields of Engineering and has a visible impact on modern life. This program leads to specialization in the areas of telecommunication, Wireless Communication and Networking. Students are exposed to cutting edge technology in these fields.

➤ Career Opportunities for Communication Systems Engineers are multifaceted which includes areas like Global Positioning Systems (GPS), Mobile Communication, Wireless Sensor Networks, Optical Communication and Satellite Communication.

This Program will enable a graduate to develop the required skills and technical understanding needed to design, build, code and test wireless systems that are exciting and valuable to the society.

The department has many state-of-the-art laboratories to ensure good practical exposure in order to add real value to student's education. Our 3D EM simulation lab has adequate in-house facilities to provide hands-on training on the design and development of antennas & other HF microwave components with the help of higher-end commercial softwares. The department is also fully equipped with fabrication and testing facilities.

RESEARCH GRANTS

Our faculty members have received major external research grants from prestigious organizations such as ISRO, AICTE, DRDO, and TNSCST, etc., to the tune of ₹56.26 Lakhs in the last three years for doing various funded projects.

MAJOR FACILITIES

✦ SPARTAN-6 FPGA Development Board
✦ Vector Network Analyzer
✦ Vector Signal Analyzer
✦ Vector Signal Generator
✦ VIRTEX-4 FPGA Development Board
✦ ADS Simulation Software
✦ IE3D Simulation Software
✦ CADENCE EDA Tool (Front end & Back end)
✦ OrCAD Design Software
✦ LAN Simulator, Network Simulator & Analyzer Software
✦ XILINX ISE-13.1
✦ CST Studio Suite software
✦ PCB Fabrication machine

MAJOR RECRUITERS

ERICSSON | CSS CORP Wired to SUPPORT | TAFE
amazon | TATA COMMUNICATIONS | ZOHO Work. Online
Infosys | Cognizant | WIPRO Applying Thought
accenture High performance. Delivered. | L&T Infotech | HCL