




## Highlights of the Department

- > Centre of Excellence in Electric Vehicle and Renewable Energy
- > State-of-the-art facilities in Industrial Drives and Control, Smart Grid, IoT, AI & ML
- > Anna University recognized Research Centre with qualified and experienced faculty
- > DST-FIST sponsored Interdisciplinary Nano Research Centre
- > AICTE funded Power Electronics and Industrial Automation laboratories



Take your future to the next level....

### Contact Us

-  Phone: 044-27152000 (Extn: 250)
-  Email: hodee@svce.ac.in
-  Address: Dr. KR. Santha,  
Vice-Principal, Professor & Head  
Department of EEE  
Pennalur, Sriperumbudur  
Tamilnadu - 602117

**SVCE** | Sri Venkateswara  
College of  
Engineering

Autonomous - Affiliated to Anna University  
Pennalur, Sriperumbudur -602117 | www.svce.ac.in



## M.E. Power Electronics and Drives



## Department Facilities & Resources

### Drives & Control

- SRM drive
- BLDC drive
- PMSM drive
- Induction & Synchronous Generator
- XILINX Spartan FPGA board



- DSPIC Controller
- DSP Board, IoT Sensors



### Licensed Softwares

- Matlab (Campus-wide license)
- Orcad PSPICE
- COMSOL
- PSCAD X4
- PSIM, VisSim
- SCADA, MAGNET
- Aupower, ETAP, Labview



## Top Recruiters



## Why Study Power Electronics at SVCE

- Interest to work at the fundamental level of Power Electronics and Drives and address issues at the global level.
- AICTE-GATE Scholarship Rs. 12,400/month for students having a valid GATE score from AICTE.
- Management Scholarships for tuition fee, assistance for books and instruments.
- Intramural M.E/M.Tech Student Research Grant to carryout innovative projects in Power Electronics & Drives.
- Sponsorships for students to attend conferences.

## Achievements



### Research Publications

Around 126 research articles have been published by the members of faculty, research scholars, PG and UG students in Scopus, SCI indexed journals.



### Funded Projects

Rs. 2.4 crores Grant received from funding agencies like DST (FIST& SERB), AICTE (RPS & MODROBs), TNSCST, IEI.

## Industry ready Curriculum

- Industrial Automation Lab for Industry 4.0
- Core subjects in Electric Vehicles and Renewable systems
- Design Lab for Power Electronics
- Professional Electives in IoT, ML

## Prominent Alumni



### Mr. Ganesh Nagarajan

Director Engineering & Country Head, MECWIN Technologies India Pvt. Ltd.

### Mr. Nagarajan G

Specialist - Transportation  
TATA Elxsi, India



### Mr. Bharathi T



Senior Electromagnetic Simulation Engineer,  
Lucas TVS Ltd., India

### Mr. Ashwin K

Senior Automotive Embedded Developer,  
ZF INDIA



Scan here to apply online  
<https://admissions.svce.ac.in>