



Sri Venkateswara University, Tirupati

DEPARTMENT OF **Electrical & Electronics Engineering**



- **Vision**
- The department aims at catering to the needs and aspirations of the people and their development, reach to the world through state of art technologies of Electrical and Electronics Engineering and to serve the society at large.
- **Mission**
- To provide the necessary domain expertise and infrastructure to the students.
- To make available the advanced laboratories, application oriented engineering principles for students and researchers.
- To offer research and industry orientation to become successful service oriented technocrats.

ABOUT THE DEPARTMENT

Department of Electrical and Electronics Engineering has started functioning from the year 1959 since the inception of the S.V. University College of Engineering and pioneered itself in catering the needs of the students, industry and society. The department is offering one Under Graduation course B.Tech (EEE) and one Post Graduation course (Power systems). Both UG and PG programs have been accredited by NBA, New Delhi.

The department offers Ph.D program (Part-time & Full –time) in wide range of research areas like Renewable Energy Sources, Power Quality, Reactive Power and Control Management, Electrical Distribution Systems, Electrical Vehicles etc. So far more than 100 Ph.D degrees have been awarded and 30 are in pipeline.

The annual intake is 72 in UG program and 18 in PG program. Based on AICTE/APSCHE guidelines, the department is regularly updating the curriculum to meet the industrial, academic and societal needs.



The Department has 4 Professors, 2 Assistant professors, 9 Academic Consultants and 9 supporting staff. To meet the academic & research requirements the department has developed 9 laboratories which are regularly maintained and the equipment updated. With the financial support from TEQIP the department and lab facilities have been improved. All the faculty members are committed to teaching and research. Students of UG and PG are encouraged to take up high quality projects within the college and in industries as well. Most of the UG students get selected in campus placements while some of them opt for higher studies. Good numbers of students have got placed in Public Sector Undertaking (PSU) through GATE exam. Co-curricular and extracurricular activities are regularly conducted to impart life skills amongst the students and make them feel responsible towards the society and country. The department has active and strong Alumni who are occupying top positions like CEO, EE, GM etc. in highly reputed organizations in India and abroad. They provide financial support to improve the various facilities in the department and college.



HEAD OF THE DEPARTMENT

Prof . T. Gowri Manohar, working as a Professor in Department of Electrical & Electronics Engineering, S. V. University College of Engineering, S. V. University, Tirupati since July 2007.

I have 22 years of Teaching and research experience. My main research area of interest is Power Quality, Reactive Power control, Renewable energy sources, Loss reduction in distribution systems.



BOS : Prof.Ch.Chengaiah (PG)

Prof. Ch. Chengaiah received B.Tech degree in Electrical and Electronics Engineering from S.V.U College of Engineering, Tirupati, AP in 1999. I received M.E degree in Power Systems from National Institute of Technology formerly called as REC, Tiruchirapalli, TN in 2000 and I received Ph.D. degree in Power Systems Operation and Control from Sri Venkateswara University in 2013. Presently I am serving as Professor, Dean (SCDC), Department of EEE, Sri Venkateswara University, Tirupati, AP, India. I am having teaching experience of 21 years and has completed 3 funded research projects. I have organized more than 10 national/international workshops and 02 international conferences up to now. I have published 65 articles in reputed journals and has received best paper award in international conference organized by Manipal institute of technology (MIT Manipal) in 2011 and also published a text book on "A comprehensive lab manual on control systems" in 2016. The area of research interest in Power Systems Operation and Control, Renewable Energy Systems, Power Electronics and Drives, etc. I published Indian Patent Journal "An AI Based EV Battery Charging Controller with Enhanced Battery Management" with application number: 202141050407, dated 19/11/2021.



Prof. A. Lakshmi Devi, working as a Professor in the Department of Electrical and Electronics Engineering, S.V. University College of Engineering, S.V. University, Tirupati since 2009. She joined in the university as Assistant professor in the year 1993. She received her Master's degree in Electrical Engineering with specialization in Computer Applications in Power Systems and Drives from Indian Institute of Science, Bangalore and Ph.D. (Doctorate) degree from S.V. University College of Engineering, Tirupati. She has 29 years of teaching and research experience. Her main research areas of interest are Distributed Generation, FACTS, Distribution Systems and Power System Stability Studies. She has published many research papers in international journals and national journals. She has guided 47 M.Tech Projects, 4 PhDs and 9 Ph.Ds. Projects are in pipeline. She is a life member of various professional bodies like SVUTA, ISTE and FIE. She is a member of various committees in department level, college level and University level. She attended various workshops, seminars and conferences at National and international level. She attended 35 summer schools and winter schools / workshops.



Prof. M. Damodar Reddy, working as a Professor in the Department of Electrical and Electronics Engineering, S.V. University College of Engineering, S.V. University, Tirupati since 2009. He joined in the university as Assistant professor in the year 1992. He received Ph.D degree from S.V. University College of Engineering in the year 2008. He has 29 years of teaching and research experience. He has published many research papers in international journals and national journals.



Dr. V. Usha Reddy is working as Assistant Professor in Dept of EEE at S V University College of Engineering since 2007. She has obtained B.Tech from JNTUH in 2003, M.Tech (2007) from SVU and Ph.D (2016) from JNTUH. She has guided 36 M.Tech students, guiding 3 research students. She has 47 journal publications and 8 conference publications. She has applied for Patent and has one book publication. She served as Deputy Warden for women's hostel, as coordinator for NAAC and NBA and as member in various committees at college and dept level. She acted as reviewer for INSPIRE AWARDS-MANAK for 2021-22, 2020-21, National Innovation Foundation-India. She has organized one Short Term Course, three Workshops, one International conference and one national Seminar and one Techhack. She has NPTEL and course era certifications. She has membership in professional bodies like Institute of Engineers (MIE), IEEE, ISCA & ISTE. She acted as resource person for various international and national conferences and workshops.



Dr. J.N.Chandra Sekhar is working as Assistant Professor in Dept of EEE at S V University College of Engineering since 2009. He has obtained Ph.D. from SVU in the year 2019 .He has guided many B.Tech, M.Tech projects. He has teaching experience of 13 years.

Laboratories

- MATLAB
- EMEC Lab
- Power Electronics & Control Systems Lab
- Power System Simulation Lab
- Electrical and Electronic measurements & Networks lab
- IOT Lab
- Electrical Devices Lab
- Research and Development Lab
- Power Systems Lab

Ph.Ds awarded : 26(Assessment Period)

Conferences / Seminars / Workshop organized : 05

Extension out activities conducted by Department : Tech Fest (02)



