



AICTE Sponsored International Conference on  
**“Smart Computing and  
Control of Systems”**

**17<sup>th</sup> – 19<sup>th</sup> October, 2019**

Organized by  
Department of Electrical and Electronics Engineering  
Sree Vidyanikethan Engineering College, Tirupati

## College Profile:

Sree Vidyanikethan Engineering College, Tirupati was established in 1996 by Sree Vidyanikethan Educational Trust under the stewardship of Dr. M. Mohan Babu, renowned film artiste, Padmashri Awardee and former Member of Parliament (Rajya Sabha). The college is approved by AICTE, New Delhi and affiliated to Jawaharlal Nehru Technological University, Anantapuramu, Andhra Pradesh, India. The college is conferred 'Autonomy' by UGC, New Delhi. The college also bestowed with the title 'Colleges with potential for Excellence' by UGC, New Delhi under XII Plan period UGC-CPE scheme. The college was accredited with "A" grade by NAAC. The college received PLATINUM category in AICTE-CII Survey 2018. In NIRF Ranking-2019 Sree Vidyanikethan stands in 167th position among all Engineering Colleges at national level and topped among all private engineering colleges in Andhra Pradesh. The college offers B.Tech. Program in 8 disciplines, M.Tech. Program in 8 specializations, Ph.D programs in 3 disciplines and MCA. Out of the programs offered, 6 B.Tech and 4 M.Tech. programs were accredited by National Board of Accreditation (NBA, New Delhi). The college was selected for participation in TEQIP-II under Sub Component 1.1: Strengthening Institution to improve learning outcomes and employability of graduates with a grant of Rs.4 Crores. As one of the best performing Institutions under TEQIP-II, an additional fund of Rs. 2 Crores was sanctioned. The college has MoUs with 30 Industries/Institutions that includes IITH Hyderabad, IITM Chennai, CII Hyderabad, ISB Hyderabad etc.

## Location:

The college is located 15 km from the temple town of Tirupati on Tirupati- Madanapalle National Highway 205.

<https://goo.gl/maps/SxeqCCprSUMpkTME7>

**KINDLY SCAN QR CODE FOR LOCATION**



## About the Department of EEE:

The Department of EEE was established in the year 1996 offering B.Tech. (EEE) with a modest intake of 60. The intake at present is 240 besides an additional 20% under lateral entry scheme. The Department is offering Two M.Tech. programs "Electrical Power Systems (EPS)" started in the year 2004 with an intake of 18 and is increased to 36 from the year 2014 and "Power Electronics and Drives (PED)" started in 2017 with an intake of 18. Both the B.Tech. (EEE) and M.Tech. (EPS) programs were accredited by NBA. The department also offers Ph.D. under its Research Center recognized by the affiliating University JNTUA, Anantapuramu. The Department has well qualified faculty which includes 13 Ph.D. degree holders.

The Department houses well equipped laboratories and a Research Center "Center for Energy".

## Vision:

To become the Nation's premiere Centre of excellence in electrical engineering through teaching, training, research and innovation to create competent engineering professionals with values and ethics.



## Mission:

- Department of Electrical Engineering strives to create human resources in Electrical Engineering to contribute to the nation development and improve the quality of life.
- Imparting Knowledge through implementing modern curriculum, academic flexibility and learner centric teaching methods in Electrical Engineering.
- Inspiring students for aptitude to research and innovation by exposing them to industry and societal needs to create solutions for contemporary problems.
- Honing technical and soft skills for enhanced learning outcomes and employability of students with diverse background through comprehensive training methodologies.
- Inculcate values and ethics among students for a holistic engineering professional practice.

## About the Conference:

This conference aims to provide an exceptional interdisciplinary platform for academicians, researchers, industry participants, practitioners and budding engineers to disseminate the most recent innovations, trends, concerns along with the present-day challenges and the solving approaches for implementation in the domain of Smart Computing and Control of Systems.

Original technical papers are invited in the areas, but not limited to:

- Power System Operation and Control
- Power System Deregulation
- HVDC & FACTS
- Smart Grid Technology
- Power Electronics and Industrial Drives
- Renewable Energy Sources
- Electric Vehicles
- Control System and Automation
- Instrumentation
- Signal and Image Processing
- Antennas and Communication Networks
- Embedded Systems
- VLSI Circuits and Systems
- Big Data Analytics
- Cyber Security System
- Cloud & Mobile Computing
- Ubiquitous Computing
- Machine Learning
- Swarm and Evolutionary Algorithms
- Internet of Everything
- Human Machine Interface Security

## Guidelines for Authors:

- Authors are requested to submit their full paper in word document.
- Manuscript should be submitted in the prescribed format only.



- Papers shall be submitted through easychair by using the link

<https://easychair.org/conferences/?conf=icsccs2019>

**KINDLY SCAN QR CODE FOR LOG IN / SIGN UP**

- All contributions must be original, should not have been published elsewhere or accepted for publication or under review.
- Submitted manuscripts will be peer reviewed by external experts based on originality and significance.
- Participants shall pay their registration fee well in advance and the information regarding account details can be seen in website.
- Registration Fee includes Conference kit, Proceedings, Lunch, Refreshments, Certificate and access to all technical sessions.

### **Chief Patron**

Dr. M. Mohan Babu, Chairman, SVET

### **Patron**

Mr. Vishnu Manchu, CEO, SVET

### **Chief Advisors**

Dr. Lazar Mathew, Research Advisor, SVET

Dr. I. Sudarshan Kumar, Director Q & D, SVET

Dr. P. C. Krishnamachary, Principal, SVEC

Dr. D. V. S. Bhagavanulu, Director, SVEC

### **International Advisory Council**

Dr. Abul. K. M. Azad, Northern Illinois University, United States

Dr. Ferdin Joe John Joseph, Thai - Nichi Institute of Technology, Bangkok, Thailand

Dr. Marayati Binti Marsadek, UTN, Malaysia

Dr. Norziana Jamil, UNITEN, Malaysia

Dr. Pinnamaneni Bhanu, Clenin Technologies, France

Dr. S. Krishnam Raju, UK

### **National Advisory Council**

Dr. V. Ganesan, Retired Professor, IITM, Chennai

Dr. K. Shanti Swarup, IITM, Chennai

Dr. Devara Vijaya Bhaskar, IIT(ISM), Dhanbad

Dr. N. N. Murty, IIT, Tirupati

Dr. E. Anil Kumar, IIT, Tirupathi

Dr. P. S. Sai Krishna, IIT, Tirupati

Dr. Viswanath Pulabaigari, IIIT, Sri City

Dr. Sydulu Maheswarapu, NITW, Warangal, Telangana

Dr. N. S. V. K. Sarma, NITW, Warangal, Telangana

Dr. A. V. Giridhar, NITW, Warangal, Telangana

Dr. G. Siva kumar, NITW, Warangal, Telangana

Dr. S. Porpandiselvi, NIT, Warangal, Telangana

Dr. S. Murugan, NIT, Rourkela

Dr. S. Anbarasu, NIT, Rourkela

Dr. R. Anand, NIT, Tiruchirapalli

Dr. R. Sunitha, NIT Calicut, Kerala

Dr. Noor Mahammad Sk, IIITDM, Tamil Nadu

Dr. R. Gururaj, BITS, Hyderabad

Dr. V. Sankar, JNTUA, Anantapuramu

Dr. M. Vijay Kumar, JNTUA, Anantapuramu

Dr. R. Velraj, Anna University, Chennai



Dr. K. Vijaya Kumar, SRM University, Chennai  
Dr. B. Shanthi, Annamalai University, Tamil Nadu  
Dr. P. S. Venkataramu, Presidency University, Bangalore  
Dr. J. Vara Prasad, Christ University, Bangalore  
Dr. R. K. Mishra, Berhampur University, Orissa  
Dr. Sanjay Lakshminarayanan, BMSIT College, Bengaluru  
Dr. M. S. Nagaraj, BIET, Davangere  
Dr. C. R. Balamurugan, KCE, Coimbatore  
Dr. K. T. Selvan, SSN College of Engineering, Chennai  
Dr. N. Nallusamy, SSN Engineering College, Chennai  
Dr. P. Bharani Chandra Kumar, GMRIT, Andhra Pradesh  
Dr. P. Umapathi Reddy, SVEC, Tirupati  
Dr. V. V. Rama Prasad, SVEC, Tirupati  
Dr. M. Senthil Kumar, Sona College of Technology, Salem  
Dr. S. Albert Alexander, KEC, Tamil Nadu

### **Industrial Technical Council:**

Dr. Balamati Choudhury, Centre for Electromagnetics, CSIR-NAL, Bangalore  
Mr. D. Venkatachalapathy, APSPDCL, Andhra Pradesh, India  
Mr. Gopal Halder, AUPTC, India  
Mr. G. Jagan Mohan, Amararaja Batteries Ltd, Tirupati  
Mr. G. Naga Babu, Fiat Chrysler Automotive India Pvt. Ltd, Chennai  
Mr. M. Srinivas, Schneider Electric, Karnataka, India  
Mr. Mohammed Haneef, GE India Technology Centre Pvt. Ltd, Bangalore  
Mr. M. V. S. S. D. Sree Vastav, Alstom, Bangalore  
Dr. R. S. Shivakumara Aradhya, CPRI, Bangalore  
Dr. S. Hemachandra, IIC, SVEC, Tirupati

### **Conference Chair**

Dr. Jayachandra Shenoy U, Principal Research Scientist, IISc Bangalore

### **Conveners**

Dr. M. S. Sujatha, Professor & Head, EEE, SVEC  
Dr. T. Nageswara Prasad, Chairman BoS & Professor, EEE, SVEC

### **Co-Conveners**

Dr. N. M. G. Kumar, Professor, EEE, SVEC  
Dr. S. Farook, Associate Professor, EEE, SVEC

### **Organizing Secretaries**

Dr. Suresh Babu Daram, Assistant Professor, EEE, SVEC  
Mr. A. Muni Sankar, Assistant Professor, EEE, SVEC

### **Coordinators**

Mr. M. Manohara, Associate Professor, EEE, SVEC  
Mr. T. Kosaleswara Reddy, Assistant Professor, EEE, SVEC

### **Co-Coordinator**

Dr. G. Hari Krishnan, Associate Professor, EEE, SVEC  
Dr. I. Kumaraswamy, Associate Professor, EEE, SVEC

### **Publication Committee**

Dr. V. Arun, Associate Professor, EEE, SVEC  
Dr. A. Prasad, Associate Professor, EEE, SVEC  
Mr. Ch. Kumar Reddy, Assistant Professor, EEE, SVEC

## Financial Committee

Mr. D. Sreenivasulu Reddy, Assistant Professor, EEE, SVEC

Mr. B. Subba Reddy, Assistant Professor, EEE, SVEC

Mr. U. Kamal Kumar, Assistant Professor, EEE, SVEC

## Website Committee

Dr. T. Hari Prasad, Professor, ME, SVEC

Dr. B. Sachuthanathan, Professor, ME, SVEC

Dr. E. Parimalasundar, Associate Professor, EEE, SVEC

Mr. K. Leleedhar Rao, Assistant Professor, EEE, SVEC

Mr. P. Venkatesh, Assistant Professor, EEE, SVEC

## Important Dates:

|  |  |
|--|--|
| Last date for Submission of Manuscript         | 25 <sup>th</sup> August, 2019                      |
| Notification of Acceptance                     | 10 <sup>th</sup> September, 2019                   |
| Last date for Submission of Camera Ready Paper | 20 <sup>th</sup> September, 2019                   |
| Conference Dates                               | 17 <sup>th</sup> to 19 <sup>th</sup> October, 2019 |

## Registration Fees:

| Category              | Indian Author (INR) | Foreign Author (USD) |
|-----------------------|---------------------|----------------------|
| Faculty               | 2500                | 50                   |
| PhDs/ PG /UG Students | 1500                | 25                   |
| Industry Participants | 3500                | 75                   |

## Publication:

Selected Papers of International conference on Soft Computing and Control of Systems will be published with the additional review in any of the UGC listed journals/Web of Science/Scopus indexed journals based on **author's consent with additional publication charges.**

# contact

Dr. M. S. Sujatha

**Email:** [icsccs2019@gmail.com](mailto:icsccs2019@gmail.com)

Dr. Suresh Babu Daram

**Mobile:** +91-9100230077

**Email:** [sureshbabudaram@gmail.com](mailto:sureshbabudaram@gmail.com)

Mr. A. Muni Sankar

**Mobile:** +91-8297818545

**Email:** [munisankar.eee@gmail.com](mailto:munisankar.eee@gmail.com)

Please visit the conference website for more details:

**[www.icsccs.info](http://www.icsccs.info)**

**KINDLY SCAN QR CODE FOR WEBSITE**

