

### Chief Patrons:

**Dr. M. Mohan Babu**, Chairman, SVET  
**Mr. Vishnu Manchu**, CEO, SVET

### Patrons:

**Dr. L. Venu Gopal Reddy**, Advisor & Director, SVET  
**Dr. P. Giridhara Reddy**, Director, Academics & Research, SVEC  
**Dr. B. M. Satish**, Principal, SVEC

### Advisors:

**Dr. T. Nageswara Prasad**, Vice Principal, SVEC  
**Dr. P. V. Ramana**, Dean Academics, SVEC  
**Dr. B. Raveendra Babu**, Dean, CSE, SVEC

### International Technical Committee:

**Dr. Mathew Dailey**, Asian Institute of Technology, Thailand  
**Dr. Lakshmi C. Jain**, University of Technology, Sydney, Australia  
**Dr. Farook Hussain**, University of Technology, Sydney, Australia  
**Dr. Basim Alhadidi**, Al-Balqa' Applied University, Amman, Jordan  
**Dr. Habibollah Haron**, Qaiwan International University, Iraq.  
**Dr. Sam Goundar**, Victoria university of Wellington, NewJealand  
**Dr. Marjan Kuchaki Rafsanjan**, Shahid Bahonar University of Kerman, Kerman, Iran.  
**Dr. M S Mekala**, Yeungnam University, Gyeongsan, Korea  
**Dr. T. V. Ramana**, TVET, Addis Ababa 1000, Ethiopia.  
**Dr. Srinivas Nowduri**, United States of America.  
**Dr. Siva Ram Rajeyyagari**, Shaqra University, Shaqra.

### National Technical Committee:

**Dr. R. Balasubramanian**, IIT Roorkee, India (Chairman)  
**Dr. RBV Subramanyam**, NIT Warangal.  
**Dr. Govindham VK**, NIT Calicut.  
**Dr. P. Viswanadh**, IIIT Sricity.  
**Dr. Devender Gurjat**, NIT Silchar  
**Dr. K. Jairam Naik**, NIT Raipur.  
**Dr. G. C. Nandi**, IIIT, Allahabad, Jhalwa, Uttar Pradesh.  
**Dr. Deepak Garg**, Bennett University, Greater Noida, Uttar Pradesh  
**Dr. Jagadish Kannan. R**, VIT, Chennai.  
**Dr. A. Rama Mohan Reddy**, SV University, Tirupati.  
**Dr. A. Vinaya Babu**, JNTUH, Hyderabad.  
**Dr. S. Viswanadha Raju**, JNTUHCEJ, Jagityal, Karimnagar.  
**Dr. B. Eswar Reddy**, JNTUA College of Engineering, Kalikiri.  
**Dr. P. Chenna Reddy**, JNTUA, Ananthapuramu  
**Dr. C. Shoba Bindhu**, JNTUA, Ananthapuramu  
**Dr. V. Valli Kumari. Professor**, Andhra University, Vishakhapatnam  
**Dr. B. K. Tripathy**, VIT, Vellore.  
**Dr. S. Jyothi**, SPMVV, Tirupati  
**Dr. B. Balamurugan**, Galgotias University, Greater Noida, Uttar Pradesh.  
**Dr. Thirunavukkarasu K**, Karnavati University, Uvarsad, Gandhinagar, Gujarat.  
**Dr. M. Rajasekhar Babu**, VIT University, Vellore  
**Dr. Praveen Shukla**, BBD University, Lucknow  
**Dr. G. Vara Prasad**, BMS college of Engineering, Bangalore.  
**Dr. P. Nagendra**, Vishnu Institute of Technology, Bheemavaram  
**Dr. E. S. Madhan**, SRM University, Chennai.



## International Conference on Data Science, Intelligent Computing and Cyber Security (ICDIC – 2021)

**29<sup>th</sup> – 30<sup>th</sup> December, 2021**



## Contact

**Dr. B. Narendra Kumar Rao**,  
Professor & Head, Dept. of CSE, SVEC.  
Phone Number: **+91-97006 88450**

**Dr. K. Reddy Madhavi**,  
Associate Professor, CSE.  
Phone Number: **+91-9985798626**

Email: **icdic2021@gmail.com**

Organized by: **Department of CSE**

**Sree Vidyanikethan Engineering College (Autonomous)**

(Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu)

About the Institution

Sree Vidyanikethan Engineering College (Autonomous) was established in 1996 by Sree Vidyanikethan Educational Trust under the stewardship of Dr. M. Mohan Babu, renowned Film Artiste and Former Member of Parliament (Rajya Sabha). The College was established in the backward region of Rayalaseema to serve the cause of technical education with an initial intake of 180. The intake has been increased exponentially to 2382 from the year 2021-22. The College now offers 15 B.Tech programs; 4 M.Tech programs; MCA Program; and 3 Doctoral Programs. AICTE has also accorded permission for 2nd Shift Polytechnic from the academic year 2009-10 and presently 5 Diploma courses are being offered. Today, Sree Vidyanikethan Engineering College is one of the largest, most admired and sought after institutions in Andhra Pradesh. The College is approved by AICTE and affiliated to JNTUA, Ananthapuramu. The College has been accorded Autonomous Status by the UGC, New Delhi in 2010-11. The College is known for its quality initiatives which are amply reflected in accreditations by National Board of Accreditation (NBA) for UG & PG programs, National Assessment and Accreditation Council (NAAC) with ‘A’ Grade. The College has successfully implemented TEQIP-II under Sub-component 1.1: Strengthening Institutions to improve Learning Outcomes and Employ ability of Graduates, funded by the Ministry of HRD, Govt. of India. The College has been accorded “UGC-Colleges with Potential for Excellence” status under CPE Scheme by UGC, New Delhi. It also has been accorded ‘PLATINUM’ category by CII-AICTE Survey; and was conferred with ‘A’ Grade by Department of Higher Education, Andhra Pradesh. The college participated in National Institution Ranking Frame Work (NIRF), 2020 and awarded the rank of 184. SIEMENS and APSSDC have established 6 State-of-the art laboratories.

Location:

The Institution is located 16 KM from the temple town of Tirupati on Tirupati – Madanapalle National Highway 205.

Courses Offered

The college offers B. Tech Programs in CSE, CSSE, IT, CSE (AI), CSE (DS), CSBS, CSE (Cyber Security), CSE (AI & ML), Computer Science and Design, CSE (IoT), ECE, CE, ME, EEE and EIE. The college also offers M. Tech. in VLSI, Computer Science, Electrical Power Systems and Power Electronics and Drives & MCA along with Ph.D programs in ECE, EEE & CSE.

About the Department of CSE

The computer Science and Engineering arena has been overlapping all other career verticals, for CSE is the most important bridging resource and exquisite tool discovery. CSE throws open exclusive yet exciting career offers that are intellectually challenging yet have an exceptional growth scope. Right from addictive games to interesting bioinformatics and robots, CSE is one arena that frequently touch-bases with fields like data security, cloud computing, mobile applications, and social networks. About the Department: SVEC’s CSE Department was established in the year 1996 with a modest intake of 60 into B.Tech (CSE). Gradually the intake of students increased to 240 in the year 2014. Department also offers new UG programs in CSE with specializations in cutting Edge technologies like Artificial Intelligence and Data Science with an intake of 60 each. The department has also started a new UG program with B.Tech in Artificial Intelligence and Machine Learning from the academic year 2021-2022. Along with the above, the department also offers PG programs M.Tech (Computer Science) with an intake of 18. The CSE Department in SVEC is well equipped with all the necessary capabilities to deliver extensive knowledge to the students by conducting Guest Lectures, Expert Lectures, Seminars, Workshops, Add-on courses, technical symposiums /conferences conducted by SVEC as well as other organizations. Vibrant Placement opportunities for students and prestigious alumni across the globe are little additional strength.

About the Conference

ICDIC’21 has emerged to serve an enduring techno-platform to connect education experts and passionate educators all over the world for improving the potential for excellence in engineering education. It provides a premier interdisciplinary forum for researchers, engineers and academicians to present and discuss the most recent trends, innovations, concerns, practical challenges encountered and the solutions adopted in the field of Data Science, Intelligent Computing, Cyber Security and its allied areas. The conference also aims to provide a platform for the scientists, scholars, engineers and students from the universities all around the world and the industry to present ongoing research activities and hence to foster research relations between the universities and the industry.

**Scope of the Conference:** ICDIC’21 have been widely deployed to domains such as Data Science, Intelligent Computing, Cyber Security, Image Processing, Machine learning, Parallel computing et al. Contributions to the event are invited on the following topics **but not limited to:**

- Knowledge Data Engineering
  - Database Systems
  - Information Retrieval Systems
  - Business Analytics
  - Data Analytics
  - Data Warehousing & Data Mining
  - Big Data Visualization
  - Semantic Web
  - Social Informatics
  - Simulation and Modeling
  - Information Theory and Coding
  - E-Commerce
  - Artificial Intelligence
  - Expert Systems
  - Intelligent Agents & Systems
  - Computational Intelligence
  - Machine Learning, Deep Learning
  - Soft Computing
  - Green Computing
  - Cognitive Computing
  - High Performance Computing
- Reconfigurable Computing Systems
  - Bioinformatics and Scientific Computing
  - Information Systems
  - Image Processing
  - Natural Language Processing
  - Heuristics and Metaheuristics
  - Computer Networks and Data Communication
  - Network Security & Cryptography
  - Cyber Physical Systems
  - Geographical Information Systems
  - Internet and Web Applications
  - Wireless Sensor Networks
  - Wireless Communication and Mobile Computing
  - System Security
  - Computer Forensics
  - Internet of Things
  - Multimedia Applications
  - Parallel and Distributed Computing
  - Cloud Computing
  - Ubiquitous Computing
  - Augmented Reality & Virtual Reality

Guidelines for Authors:

papers shall strictly adhere to the guidelines of the springer proceedings.

Honorary Chair

Dr. Suresh Chandra Satapathy, KIIT, Bhubaneswar, India.

Conference Chair

Dr. B. Narendra Kumar Rao, SVEC.

Convener

Dr. K. Reddy Madhavi, SVEC.

Organizing Committee

- Dr. A.V. Sri Harsha, SVEC.
  - Dr. G. Sunitha, SVEC.
  - Dr. J. Avanija, SVEC.
- Dr. K. Suresh, SVEC.
  - Dr. S. Sreenivasa Chakravarthi, SVEC
  - Mr. D. Ganesh, SVEC

Publication of Conference Proceedings:

All Accepted and presented papers shall be published in Springer Proceedings. (Springer Book Series on Smart Innovation, Systems & Technologies (SIST) - ISSN: 2190-3018)

Registrations:

Category	Fee
Paper presentation (Proceedings with ISBN)	Rs.1000
Paper Presentation and Springer Proceedings	Rs.6000
Delegates from Industry	Rs.8000
International Delegates / Students	\$300
Other Participant	Rs.1000

**Paper Submission Link:** <https://easychair.org/conferences/?conf=icdic2021>

**For more details:** <http://www.icdic.info/>

Important Dates:

- Submission of Manuscripts: 10<sup>th</sup> November 2021
  - Acceptance Notification: 5<sup>th</sup> December 2021
  - Start of Registration: 5<sup>th</sup> December 2021
- Camera-Ready Paper Submission: 15th December 2021
  - Conference Dates: 29<sup>th</sup>-30<sup>th</sup>, December 2021