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Mr. Gokul Pran, SVEC

Convener:

Dr. K. Reddy Madhavi, SVEC.

Co-Conveners:

Dr. D. Ganesh, SVEC
Dr. K. Suresh, SVEC.

Publication of Conference Proceedings:

All Accepted and presented papers shall be published in the proceedings with ISBN. Selected papers will be published in peer-reviewed Journals with additional/no cost.

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SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)

Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu)
Sree Sainath Nagar, Tirupati - 517102, Chittoor (Dist.), Andhra Pradesh, India.
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Association for
Computing Machinery
Student Chapter



National Conference on KNOWLEDGE, INNOVATIONS, AND TECHNOLOGIES FOR SUSTAINABILITY (NCKITS - 2022)

28th April, 2022



Organized by: **Department of CSE**

In Association With: **ACM Student Chapter
and SCRS Student Chapters**

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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 which was extended for six years (from 2016-17 to 2021-22). The College is known for its quality initiatives which are amply reflected in accreditations by the National Board of Accreditation (NBA) for UG & PG programs, National Assessment and Accreditation Council (NAAC) with 'A' Grade as one of the best performing institutions in India. The College has successfully implemented TEQIP-II under Sub-component 1.1: Strengthening Institutions to improve Learning Outcomes and Employability 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 the Department of Higher Education, Andhra Pradesh. The college participated in National Institution Ranking Frame Work (NIRF), 2020 and was 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 additive 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:

NCKITS'22 has emerged as an enduring techno-platform to connect education experts and passionate educators all over the nation for improving the potential for excellence in engineering education. It provides a premier interdisciplinary forum for researchers, engineers and academicians to present and gain knowledge on the most recent trends, innovations, and technologies and solutions adopted for Sustainable development. The conference also focuses on mutually sharing the advances and innovative technologies for the scientists, scholars, engineers and students from different

universities and industry to present ongoing research activities, focused on solutions to achieve the Sustainable Development Goals (SDGs) and hence to foster collaborations among stakeholders and researchers from distinct universities, national laboratories, government funding bodies and the industry.

Sustainable development is the idea that human societies must live and meet their needs without compromising the ability of future generations. Sustainable development is a way of organizing society so that it can exist in the long term, taking into account both the imperatives present and those of the future. Much effort is needed from researchers to achieve SDGs and a clear need to 'go beyond'. This Conference aims to gain valuable insights and contributions from researchers and practitioners facilitating interdisciplinary perspectives.

Scope of the Conference:

NCKITS'22 has been widely deployed to discuss Innovations and Technologies to achieve 17 Sustainable Development Goals by United Nations. Contributions are invited across all the disciplines of Engineering toward the Sustainable Society, Sustainable Technology & Education, Sustainable economy, Sustainable health care, sustainable cities and Sustainable living, but not limited.

Registration:

Category	Fee
Author	Rs.500
Industry delegate	\$20
Other Participant	Rs.200

Bank Details:

Account Number	:	154012010000299
Account Name	:	ICDIC 2021
IFSC	:	UBIN0815403
Bank Name	:	Union Bank of India
Branch	:	SVEC, A.Rangampet

Link for Paper Submission:

<https://forms.gle/uVfP5xn2vtgjREo29>

Important Dates:

Submission of Manuscripts: **24th April 2022**

Acceptance Notification: **25th April 2022**

Start of Registration: **26th April 2022**

Camera-Ready Paper Submission: **26th April 2022**

Conference Dates: **28th April 2022**