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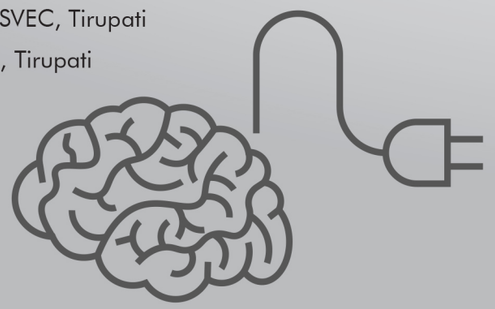

Publication:

Selected papers shall be published in Scopus indexed Journals or Springer Proceedings with publication charges (if any).

Registrations:

Category	Regular Registrations	Late Registrations
International Delegates / Students*	$300	$400
Indian Delegates (Faculty, & Industry Personnel)	Rs.3000	Rs.3500
Indian Students (UG, PG, Research Scholar)	Rs. 2500	Rs. 3000
Poster Presentation	Rs. 2500	Rs. 3000
Listener	Rs. 2000	-

Important Dates:

Last date for Paper Submission	10th November, 2019
Intimation of Acceptance	25th November, 2019
Last date of Regular Registration:	30th November, 2019

Contact

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SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)
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SREE VIDYANIKETHAN Engineering College (Autonomous)

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"International Conference on Applications of MEMS, Nano and Smart Materials (ICMNSM - 2019)"

12th – 14th December, 2019

Organized by
National MEMS Design Center (NMDC), Departments of ECE
Sree Vidyanikethan Engineering College (Autonomous), Tirupati
(Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu)

College Profile:

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 2112 in 2019-20. The College now offers 8 B.Tech programs; 8 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 National Board of Accreditation (NBA) for UG & PG programs, National Assessment and Accreditation Council (NAAC) with 'A' Grade as one of the best performing instituitions 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 Department of Higher Education, Andhra Pradesh. The college participated in National Institution Ranking Frame Work (NIRF), 2019 and awarded the rank of 167. SIEMENS and APSSDC has established 6 State-of-the art laboratories. Courses Offered: The college offers B. Tech Programs in ECE, CSE, IT, EEE, EIE, CSSE, Civil, MECH. The college also offers M. Tech. in DECS, VLSI, CMS, CS, CNIS, SE, EPS, PED & MCA along with PhD programs in ECE, EEE & CS.

About the Department

The department of ECE was started in 1996, from the inception of the College. The Department has a team of highly motivated and dedicated faculty to the cause of academics and striving to do the best in the interest of the students. The Department of Electronics and Communication Engineering offers an Undergraduate program in Electronics and Communication Engineering, three Postgraduate programs in DECS, VLSI, CMS specializations and Ph.D program. The Department has been recognized as research centre by JNTUA, Anantapuramu. The Department has full time Ph.D Scholars and JRFs. In addition, the department has Research Laboratories like National MEMS Design Centre, Antenna Research Lab and Nanoelectronics Lab. The Department is undertaking research projects from DST, AICTE, ISRO, INUP etc,.

Places to Visit nearby:

Tirupati is a pilgrim's paradise. Tucked near the southern end of Andhra Pradesh, the ancient city of Tirupati is a treasure trove of historical and religious architectures. Essentially a place of religious significance, the best places to visit in Tirupati offer treats galore for tourists with a keen interest in ancient Hindu temples and other places of worship. First up is the Tirumala Temple, which is a Tirupati temple that you would not want to miss. There are others as well. The list of Tirupati temple that you definitely want to cover during your trip would include Govindaraja Swami Temple, Tiruchanur, Srinivasa Mangapuram, Srikalahasti and Kanipakam. Tourists who are looking to visit the most sacred places in this old city shouldn't miss Srivari Mettu, Sri Padmavathi Ammavari Temple, Iskon, and Sri Kapileswaraswami Temple.

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

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.

About NMDC @ SVEC

MEMS Design Centre was inaugurated at Sree Vidyanikethan Engineering College, Tirupati on 30th March 2012 by Dr. V. Ramgopal Rao, IIT Bombay and Dr. S. Mohan, IISc Bangalore for the benefit of users from this region. Later the centre has been renamed as a National MEMS design Centre equipping with site licenses of software's programs such as COVENTOR MEMS+, Intellisuite and COMSOL (as a Class kit of 30 licenses) under National Program on Micro and Smart Systems (NPMASS). Centre motivates the research activity in the field of MEMS by proper utilization of the facilities provided by NPMASS from design to fabrication of prototype MEMS products and specific field applications.

MEMS are miniature devices that enable the operation of complex systems. They exist today in many environments, especially automotive, medical, consumer, industrial and aerospace. Their potential for future tunneling into a broad range of applications is real, supported by strong progressive activities at many companies and institutions. The technology consists of a large portfolio of design and fabrication processes, many borrowed from the integrated circuit industry. The development of MEMS is inherently interdisciplinary, necessitating an understanding of the fabrication methods and the end application.

Author Guidelines:

- Authors are requested to submit their full paper in word document.
- Manuscript should be limited to 6 pages in IEEE format.
- All contributions must be original, should not have been published elsewhere or accepted for publication under review.
- Submitted manuscripts will be peer reviewed by external experts based on originality and significance.
- Registrations include Registration Kit, Working Lunch & Coupon for special colorful evening program.

About the Conference

International Conference on MEMS, Nano and Smart Systems is a dedicated programme to bring together a significant number of diverse scholarly events for presentation within the conference program.

This International Conference on MEMS, Nano and Smart Systems aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of MEMS, Nano and Smart Systems. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of MEMS, Nano and Smart Systems. The emphasis is on current and future challenges in research and development in both academia and industry.

The conference will consist of plenary/invited talks by eminent researchers in the field.

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

- Modelling, Signal Processing, and Control
- Nanoelectronics, Spintronic Devices and Systems
- Smart Sensor Technology and Measurement Systems
- Electroactive Polymer Actuators and Devices
- Damping and Isolation
- Micro-fluidic Systems
- Nano-imaging, Scanning Probes, and Molecular Manipulation and Devices
- Active Materials: Behavior and Mechanics

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