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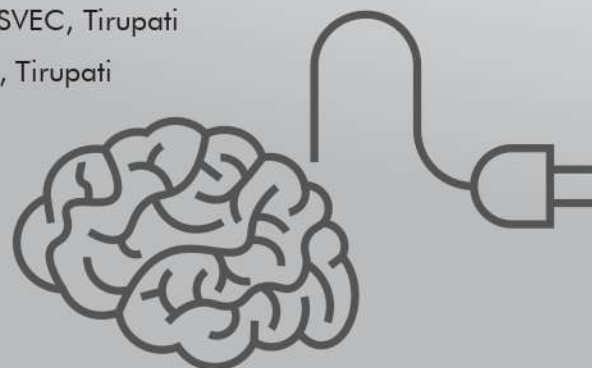
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Ms. K. Sudha, SVEC, Tirupati

Mr. M. Naresh Babu, SVEC, Tirupati

Mr. C. Venkata Sudhakar, SVEC, Tirupati

Mr. G. Guru Prasad, SVEC, Tirupati



### 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	10 <sup>th</sup> November, 2019
Intimation of Acceptance	25 <sup>th</sup> November, 2019
Last date of Regular Registration:	30 <sup>th</sup> November, 2019



# Contact

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### SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)

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

Sree Sainath Nagar, Tirupati - 517 102 (A.P)

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[www.svec.education](http://www.svec.education)

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Department of Science & Technology  
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**“International Conference on Applications of MEMS,  
Nano and Smart Materials (ICMNSM - 2019)”**

**12<sup>th</sup> – 14<sup>th</sup> 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, 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), approved by AICTE, New Delhi and affiliated to Jawaharlal Nehru Technological University, Anantapuramu. The college conferred 'Autonomy' by UGC, New Delhi. 6 UG and 4 PG Programs are accredited by National Board of Accreditation (NBA, New Delhi). Awarded 'Colleges with potential for Excellence' by UGC, New Delhi under XII Plan period UGC-CPE scheme. The college is accredited with "A" grade by NAAC. The college offers B.Tech Program in 8 disciplines, M. Tech Program in 7 specializations and MCA, and, Ph.D programs in 3 disciplines. 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. An additional fund of Rs. 2 crores obtained as one of the best performing Institution. MoUs with 20 Industries/Institutions including IIT-Hyd, IITM-QEEE, CII-Hyd & ISB-Hyd.

## 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**



## 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, Sri Kalahasti 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.

## 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

## Chief Patron

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Mr. Vishnu Manchu, CEO, SVET

## Patron

Dr. P. C. Krishnamachary, Principal, SVEC

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

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

Dr. P. V. Ramana, Professor & HoD, Dept. of ECE, SVEC

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Prof. Anantha Suresh, IISc Bangalore

Dr. Sudhakar, Scientist, DRDO

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Mr. Raveen Kumar K, Scientist/Engineer-SE, ISRO

Dr. P Roy, NIT Silchar,

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