

REGISTRATION DETAILS

Participants are requested to fill in the registration form and send it along with the registration fee to the contact address given below. The registration form may also be downloaded from www.sode-edu.in. At least one author of each accepted paper must register to get the paper included in the Conference Programme. Only one paper will be considered for presentation against each registration.

Registration fee is to be paid through a DD drawn in favour of SMVIT-NC payable at Udupi. The fee can also be paid through NEFT to the following account.

A/c number : 0822500100622201
A/c Name : SMVIT-NC
Name of the Bank : Karnataka Bank Ltd.
Branch : Bantakal
IFS Code : KARB0000082

Registration Fee

For Faculty & Research Scholars : ₹ 1000
For Students : ₹ 500
For Others : ₹ 1500

PRODUCT EXHIBITION

An exhibition of latest products/technologies/system is also planned during NCETSE-2017 to create awareness among the delegates, students and the public.

ACCOMMODATION

The details of reasonable and good hotel accommodation in and around Udupi are available in our website www.sode-edu.in. Interested participants may kindly go through the details.

HOST CITY

Udupi, popularly known as the temple town, is famous for its temples and cuisine. It is a relatively small but a culturally vibrant and intellectually enlightened town situated in Coastal Karnataka. Trains from Mumbai and Delhi running towards Kerala and vice versa on the Konkan route stop at Udupi station, which is about 16 kilometers from SMVITM. Trains coming from Chennai terminate at Mangalore Central, which is about 60 Km from SMVITM. Udupi is also well connected by road to major cities in Karnataka like Bangalore, Belgaum, Davanagere, Hubli, Mysore and Shimoga, as also with several major cities in the neighboring states of Andhra Pradesh, Telangana, Goa, Kerala and Tamil Nadu. The nearest airport is Mangalore International Airport, which is connected by domestic flights to Mumbai, Delhi and Bangalore.

ORGANISING COMMITTEE

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Shri Sode Vadiraja Mutt, Udupi
President, SSVMET & Chairman, SMVITM Governing Council

Patrons

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Sri Rathnakumar, Secretary, SSVMET, Udupi

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Dr. Lolita Priya Castelino
Associate Professor & Head, Dept. of Mathematics, SMVITM, Bantakal

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Dr. S M Hegde, Professor, Dept. of MACS, NITK, Surathkal

Contact Address

The Chairman, NCETSE-2017

Shri Madhwa Vadiraja Institute of Technology & Management
Vishwothama Nagar, Bantakal, Udupi – 574 115, Karnataka, India
Tel: +91 820 258 9182/9183, Fax: +91 820 2589184
Email: nc.smvitm@gmail.com | Website: www.sode-edu.in



NATIONAL CONFERENCE

on
Emerging Trends in Science and Engineering
(NCETSE – 2017)

23 & 24 February 2017



SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust @, Udupi)

Vishwothama Nagar, Bantakal – 574 115, Udupi District, Karnataka

ABOUT THE INSTITUTE

Established in the year 2010 under the aegis of Shri Sode Vadiraja Mutt Education Trust, Udupi, Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM) has emerged as a promising institution with a distinction and has been in the pursuit of academic excellence in the field of engineering education right from its inception. The sole aim of the Institute is to promote research activities of global standards and provide quality professional education in engineering to rural students at affordable costs and thereby ensuring the up-lift of the underprivileged.

Though still at its infancy, SMVITM has carved a niche for itself in the field of technical education in the Coastal Karnataka region. With its highly qualified and motivated faculty, state-of-the-art infrastructure and distinctive learning-centric facilities, the Institute has become one of the most sought after engineering institutes in the region. Currently, more than 1600 students are pursuing BE programmes in the four major disciplines at SMVITM: Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering and Computer Science & Engineering.

Appreciating the vision of the institute and value addition it makes to engineering education, many prominent personalities like Bharat Ratna Dr. A.P.J. Abdul Kalam, former President of India; Padma Shri Shri. A.S. Kirankumar, Chairman, ISRO; Dr. Rama Jois, former Chief Justice and Governor, Padma Bhushan Dr. B N Suresh, Scientist, ISRO, Padma Vibhushan Shri. M N Venkatachalaiah, Former Chief Justice of India have visited SMVITM and interacted with the students and faculty on different occasions.

ABOUT THE CONFERENCE

The prime objective of organizing NCETSE - 2017 is to bring experts and researchers from Academia, R&D centers and industries working in the emerging fields of science and engineering together and provide them a platform for interacting and sharing their research findings. The conference aims at creating research interest in the minds of young graduates to pursue research as their carrier. We sincerely hope that NCETSE - 2017 will facilitate to increase the scope and promote interdisciplinary research among researchers and helps in presenting technological advancements in the emerging areas of science and engineering.

CALL FOR PAPERS

Consistent to the NCETSE-2017 theme, we invite contributions from researchers, academicians, engineers and students to submit abstract of articles, which may be conceptual, theoretical or empirical in nature. They may document research activity, case studies or best practices, shedding light on the theory or practice in the related emerging fields of science and engineering. Original contributions from the authors are invited in the following topics/areas and not limited to:

CIVIL ENGINEERING

- Green Buildings - Materials & Technology
- Coastal Engineering

- Reuse & Recycle of Waste Water
- Solid Waste Management
- Water Resources Management
- Environmental Geotechnics
- Environmental Impact Assessment
- Fuzzy Logic & Artificial Neural Network Applications
- Remote Sensing & GIS Applications
- Eco Transportation
- E-waste Management
- Project Planning & Control

COMPUTER SCIENCE AND ENGINEERING

- Big Data
- High Performance Computing
- Deep Learning Associated with Machine Learning
- IOT
- Data Analytics
- Theoretical Computer Science
- Named Data Networking
- Software Defined Networking
- Cloud Networks
- Natural Language Processing
- Computer Vision and Artificial Intelligence
- 5G and beyond
- Cyber Physical System
- Semantic Web

ELECTRONICS AND COMMUNICATION ENGINEERING

- Artificial Neural Network and Fuzzy Logic Control
- Cryptography and Information Theory Coding
- Digital, Speech and Image Signal Processing
- Fibre Optics and Satellite Communications
- MEMS and Micro Systems
- Micro and Nano Fabrication Technologies
- Microwave and Applied Electromagnetics
- Renewable Energy Sources and Smart Grid Technology
- VLSI and Embedded System Design
- Wireless Sensor Networks and Communications

MECHANICAL ENGINEERING

- Smart Materials and Intelligent Systems
- Micro/Nano Composite Materials
- Computational Material Science
- NEMS/MEMS Technology and Equipment
- Mechanical Reliability Theory and Engineering
- Vibration, Noise Analysis and Control
- Advanced Measurement and Machine Vision System
- Advances in Manufacturing Technology
- High-speed/Precision Machining and Inspection Technology
- Green Supply Chain Management
- Applications of Computational Techniques

MATHEMATICS

- Graph Theory
- Number Theory, Linear Algebra and Engineering Applications
- Geometry, Analysis and Fluid Mechanics
- Mathematical Modelling and Simulation
- Computational Methods in Fluid Dynamics
- Probability and Statistics

CHEMISTRY

- Nano Chemistry
- Green Chemistry
- Catalysis
- Metal Alloys and Composites for Structural Applications
- Biomedical Applications of Polymers
- Electroplating

PHYSICS

- Polymers, Glasses and Ceramics
- Thin Films and Characterization
- Crystal Growth
- Photonic Materials
- Nanotechnology
- Semiconductor Devices
- Single Crystals and its Applications
- Novel Materials
- Graphene

CONFERENCE PROGRAMME

The technical programme of NCETSE-2017 comprises of invited lectures on selected topics by eminent scholars/academicians/industry personalities and plenary sessions, in addition to the presentation of accepted papers.

GUIDELINES FOR PAPER SUBMISSION

- The abstract of research paper should be submitted in the format provided in the website www.sode-edu.in
- The abstract in electronic format (doc/docx) should be submitted through email to nc.smvitm@gmail.com
- All the papers will be evaluated by a technical paper review committee through a fair and rigorous peer review procedure to guarantee a conference of the highest quality. All accepted abstract of papers will be included in the conference proceedings and scheduled for presentation only on the condition that the author(s) personally will be making the presentation at the conference.
- Delegates are requested to frequently check the website of the host institution: www.sode-edu.in to get updated information about NCETSE - 2017

IMPORTANT DATES

Last date for receiving extended abstracts:
Notification of paper acceptance:
Last date for registration:

05 February 2017
08 February 2017
15 February 2017