

## CALL FOR PAPERS

Consistent to the **NCETSE 2019** theme, we invite contributions from researchers, academicians, engineers and students to submit 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 of engineering, technology or innovation in the related fields. The contributions should be of high quality, original work and not published elsewhere.

## IMPORTANT DATES

Submission of Abstracts	January 30, 2019
Submission of Full length Paper	February 28, 2019
Intimation of Acceptance	March 25, 2019
Early-bird Registration	April 05, 2019
Last Date for Registration & Submission of Camera-ready Papers	April 20, 2019
Student Symposium	April 25, 2019
Conference Dates	April 26 & 27, 2019

## REGISTRATION DETAILS

All registrations must be made online through website. Participants can register by paying the registration fee to the conference beneficiary account. At least one author of each accepted paper must register to get the paper included in the Conference Program. Only one paper will be considered for presentation against each registration.

🌐: <http://sode-edu.in/ncetse-2019/>

✉: [ncetse@sode-edu.in](mailto:ncetse@sode-edu.in)

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## NATIONAL CONFERENCE ON

# EMERGING TRENDS IN SCIENCE AND ENGINEERING

APRIL 26 & 27, 2019



# NCETSE 2019



## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®)

Vishwothama Nagar, Bantakal - 574115,  
Udupi District, Karnataka, India.

🌐: [www.sode-edu.in](http://www.sode-edu.in)



## 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 and 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 ensure the up-lift of the underprivileged.

In the stint of 8 years of establishment, 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 1400 students are pursuing BE programmes in the four major disciplines at SMVITM: Civil Engineering, Mechanical Engineering, Electronics and Communication Engineering and Computer Science and Engineering.

## ABOUT THE CONFERENCE

In this knowledge era, the higher educational institutes are not restricted just to knowledge transfer from teachers to students, but are also involved in knowledge assimilation, knowledge generation, and knowledge dissemination. The prime objective of **NCETSE 2019** is to bring experts, researchers and innovators from academia, R&D and industry in the related fields together and provide them a forum for knowing what is happening in the research arena (assimilation), identify and conceptualize new ideas (generation) and share their valuable findings and thoughts. The conference also aims to create research interest in the minds of young graduates to pursue research as their career. NCETSE 2019 will facilitate and promote interdisciplinary research among researchers and help in reducing the gaps between different disciplines.

## CONFERENCE PROGRAMME AND THEMES

The technical programme of NCETSE 2019 comprises of invited lectures on selected topics by eminent scholars, academicians, industry personalities and plenary sessions, in addition to the presentation of accepted papers. The conference addresses key topics and issues related to emerging trends in science and engineering.

Potential themes to be addressed in this conference include the following areas but are not limited to:

### CIVIL ENGINEERING

- Alternative Construction Materials and Technologies
- Coastal Engineering • Transportation Engineering
- Environmental Geotechnics • Waste Management
- Sustainable Management of Water Resources
- Environmental Impact Assessment
- Sustainable Construction and Green Buildings
- Project Planning, Scheduling and Control
- Remote Sensing and GIS Applications
- Green Technology for Smart Cities

### COMPUTER SCIENCE AND ENGINEERING

- Artificial Intelligence and its Applications
- Big Data Analytics • Machine Learning & Deep Learning
- Computer Vision • Cyber Physical System
- High Performance Computing • IOT & Cloud Computing
- Natural Language Processing • Semantic Web
- Software Engineering & Architecture
- Theoretical Computer Science
- Wireless & Mobile Networks • 5G and beyond

### ELECTRONICS AND COMMUNICATION ENGINEERING

- Analog & Digital Circuit Design
- Analog & Digital Communication • Applied Electromagnetics
- Artificial Neural Network and Fuzzy Logic
- Cryptography and Network Security
- Digital Image and Video Processing
- Micro & Nano Fabrication Technologies
- Renewable Energy Sources • Smart Grid Technology
- VLSI and Embedded Systems Design
- Wireless & Satellite Communications
- Wireless Sensor Networks

### MECHANICAL ENGINEERING

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

## MATHEMATICS

- Probability & Statistics • Number Theory & Linear Algebra
- Mathematical Modeling and Simulation • Graph Theory
- Geometry Analysis and Fluid Mechanics
- Computational Methods in Fluid Dynamics

## PHYSICS

- Thin Film & Characterization • Single Crystals & Applications
- Semiconductor Devices • Polymers, Glasses & Ceramics
- Photonic Materials • Graphene & Novel Materials

## CHEMISTRY

- Nano Chemistry • Metal Alloys & Composite Structures
- Green Chemistry • Electroplating • Catalysis
- Biomedical Applications of Polymers

## PUBLICATION AND AWARDS

The abstract and full length paper templates can be downloaded from the conference website. All submissions will be screened for plagiarism and when identified with above 20% similarity, the submissions will be desk rejected. Only the qualifying submissions will be peer reviewed and the registered papers presented in the conference will be published in a special issue of **Scopus Indexed Journal**. Additional Article Processing Charges may be applicable.

Submission link

Submit: <https://easychair.org/my/conference.cgi?conf=ncetse2019>

**Best Paper Award**, one for each track, will be awarded to papers selected by the Technical Program Committee of NCETSE 2019.

## REGISTRATION FEE EXCLUDING PUBLICATION CHARGES

Category	Early-bird	Late
Students (UG & PG)	₹800/-	₹1000/-
Research Scholars/Faculty	₹1500/-	₹1800/-
Industry Delegates	₹2000/-	₹2500/-

The bank account details:

A/C Number	0822500100622201
A/C Name	SMVIT-NC
Bank Name & Branch	KARNATAKA Bank Ltd., Bantakal
IFSC Code	KARB0000082

The registration fee is to be paid by NEFT/RTGS