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NITK Surathkal.

Important Dates

Full Paper Submission ends on : 17th April 2017
Author notification ends on : 28th April 2017
Camera ready &
Copyright form Submission ends on : 1st May 2017
Author Registration ends on : 3rd May 2017
Conference Dates : 12th May 2017

Who can send papers?

Research Scholars & PG Students of Engineering & Technology only.

How to submit Papers?

The papers are to be submitted through EasyChair Conference Management Tool at
<https://easychair.org/conferences/?conf=icete2017>. Queries related to the conference may be sent to
icete2017@nitte.edu.in

Paper Formats & Ethics:

Visit <http://www.icete-nitte.in> for the paper formats.

All papers must be original and not simultaneously submitted to another journal or conference

Registration Fee:

Includes Paper Publication Fee, Conference Kit, Food and Beverages during the conference

For Foreign Delegates : US \$ 100

For Indian Delegates : Rs. 3,000/-

Publication : All accepted and presented papers will be published in special issue of NMAMIT Annual Research Journal with ISSN number.

Accommodation :

Twin sharing free accommodation in the institute hostel can be arranged on request depending on the availability. For more details please visit <http://www.icete-nitte.in>

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NITTE



7th INTERNATIONAL CONFERENCE
ON
EMERGING TRENDS IN ENGINEERING

May 12th, 2017



Organized by
NMAM Institute of Technology

An Autonomous Institution

Affiliated to Visvesvaraya Technological University, Belagavi

(A Unit of Nitte Education Trust)

NITTE-574 110, UDUPI DISTRICT, KARNATAKA

URL: <http://nmamit.nitte.edu.in>

Approved by AICTE, New Delhi

ISO 9001:2008 CERTIFIED



About the Institute

NMAM Institute of Technology, Nitte, an autonomous Institution under Visvesvaraya Technological University (VTU), Belagavi was established in the year 1986 in memory of Nitte Mahalinga Adyanthaya, a distinguished engineer of the erstwhile Dakshina Kannada district in Karnataka. It is one of the constituent Institutions under Nitte Education Trust, Mangalore, which runs about 36 Institutions in various areas of education right from primary school to post-graduation centers, including professional courses like Engineering, Management, Medical, Nursing, Dental, Paramedical and others. Nitte University, a NAAC accredited A-grade University is run by the Nitte Education Trust founded by late Justice K.S. Hegde, a well-known judge of Supreme Court of India and former speaker of Indian Lok Sabha. The institute is recognized by the All India Council for Technical Education, New Delhi and majority of the programmes are NBA accredited as OBE under tier-1. It has also been certified to the ISO 9001:2008 quality standards by NVT Quality Certification (ANAB accredited) NMAMIT has been recognized as a lead Institute under TEQIP, a world bank sponsored project executed through MHRD, New Delhi. The Institute is having very active MOUs for research and project collaborations with Pennsylvania State University, USA, Ritsumeikan University, Japan and National University of Singapore, Singapore. NMAM Institute of Technology, Nitte offers undergraduate programmes and Research programmes in seven branches of engineering viz: Bio-Technology, Civil Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information Science & Engineering and Mechanical Engineering. The institute also offers Post Graduate (Master of Technology) programmes in Civil Engineering, Computer Science Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering, Information Science & Engineering and Bio-Technology. All departments have been recognized as research centers for offering M.Sc. (Engg.) & Ph.D. programmes under VTU. The Institute also offers post-graduation and research programmes in Computer Applications and Business Management and Ph.D. programmes in Basic Sciences and Mathematics.

The Institute is located on the Padubidri-Karkala State Highway which is well connected with Mangalore (60KM) and Udupi/Manipal (45Km) through NH66 & NH169. The participants can alight at Mangalore or Udupi Railway Stations/Bus Terminals, or Mangalore Airport to reach the Institute.

About the Conference

NMAM Institute of Technology is organizing International Conference on Emerging Trends in Engineering (ICETE) since 2011 and ICETE-2017 is the seventh international conference being conducted at NMAMIT, since its inception. ICETE-2017 provides an international platform for Post-Graduate students, research scholars of Engineering & Technology and industry professionals to deliberate, explore and contribute their research findings and to discuss the latest developments in the fields of Engineering & Technology.

The Conference comprises of FOUR streams

1. Civil Engineering & Biotechnology
2. Computer Science and Information Science Engineering
3. Electrical, Electronics and Communication Engineering
4. Mechanical Engineering

Thrust Areas

Stream 1: Civil Engineering & Biotechnology

Advances in Construction Materials and Technology
Advanced Geospatial Technology for Resource Planning & Management
Advances in Geotechnical Engineering
Green and Energy Efficient Buildings
Impact of Climate Change on Natural Resources & Environment

Biomedical Engineering
Environmental Biotechnology
Fermentation Technology
Food and Agricultural Biotechnology

Stream 2: Computer Science/Information Science & Engineering

Adhoc, Wireless and Sensor Networks
Algorithms
Artificial Intelligence
Bio-Informatics
Grid and Cloud computing
Compilers
Computer Architecture & VLSI
Computer Networks & Security
Data Compression
Data Mining

Stream 3: Electrical, Electronics & Communication Engineering

Adaptive and Array Signal Processing
Analog and Digital VLSI Technologies
Biomedical Engineering
Coding and Modulation technology
Control Systems
Digital Signal Processing
Digital Speech Processing
FACTS
Fuzzy Logic / Neural networks
HVDC
Image and Video Compression
Industrial Drives
Low power VLSI Design
MEMS / NEMS

Integration of Urban Transportation Systems
Precast, PSC and Composite Constructions
Rehabilitation and Retrofitting Technology
Seismic Resistant Design of Structures
Soft Computing Techniques in Water Resources Engineering

Medical Biotechnology
Nano Biotechnology
Pharmaceutical Biotechnology

Distributed and Parallel Processing
High Performance Computing
Human Computer Interaction
Image Processing
Internet and Web Applications
Mobile Computing
Neural Networks
Pattern Recognition
Software Engineering
Theoretical Computer Science

Micro controllers and Embedded Systems
Microwave and Optical Communication
Multimedia Communication
OFDM and Multicarrier System
Power Electronics
Power System Operation, Control and Stability
Power, Instrumentation and Control systems
Remote Sensing and Satellite Communication
RF Circuit Design
Robotics
Wireless Communication
Wireless LANs and Mesh Networks
Wireless Networks and Cellular Networks

Stream 4: Mechanical Engineering

Alternative refrigerants and systems
Alternative fuel technology
CAD / CAM / CNC
Composites and smart materials
Computational fluid dynamics
Condition Monitoring & Maintenance Management
Energy management
Engine Technologies
FEM
Heat transfer and Fluid flow systems
Knowledge Management

Micromachining & MEMS
Modern Manufacturing Technologies
Recent Advances in Machining
Robotics and Advanced Automation in manufacturing
Surface Metrology
Sustainable Energy Technology
Total Quality Management
Tribology
World Class Manufacturing

Patron :

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Dr. Niranjana N. Chiplunkar, Principal, NMAM Institute of Technology, Nitte

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Conference Secretary:

Dr. Udaya Kumar K Shenoy, Professor, Dept. of Computer Science and Engineering

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Electronics and Electrical : Dr. Shivaprakasha, Asso. Professor, Dept. of E&C Engg.

Mechanical: Dr. Narasimha Marakala, Professor Dept. of Mechanical Engineering

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