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Dr. Udaykumar Reddy, Prof. & Head, Dept. of CSE
Dr. Shashikanth Karinka, Prof. & Head, Dept. of Mechanical Engg.
Dr. Muralidhara, Professor & PG Coordinator, Dept. of Mechanical Engg.
Dr. Karthik Pai, Prof. & Head, Dept. of ISE

Dr. Surendra Shetty, Prof. & Head, Dept. of MCA
Prof. Ramakrishna, B., Head, Dept. of Humanities
Dr. Shankaran P., Prof. & Head, Dept. of Mathematics
Dr. Ramesh Bhat, Associate Prof. & Head, Dept. of Chemistry
Dr. Manjunath K. B, Asst. Professor & Head, Dept. of Physics.

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- Dr. Krishna Murthy, Professor, Dept. of Mechanical Engg., MIT, Manipal
- Dr. S. S. Sharma, Professor, Dept. of Mechanical & Manufacturing Engg., MIT, Manipal
- * Prof. Gopinath, Former President, Indian Welding Society.

Important Dates

Full Paper Submission ends on: 31st March 2018

Author notification ends on : 15th April 2018
Camera ready & Copyright form Submission ends on : 20th April 2018
Author Registration ends on : 25th April 2018
Conference Dates : 14th & 15th May 2018

How to submit research paper?

The papers are to be submitted through EasyChair Conference Management Tool. Visit conference website for more details. Queries related to the conference may be sent to icete@nitte.edu.in.

1. All presented papers will be published in Conference E-Proceedings.
2. Selected and presented papers will be published in a Springer DE's journal on applied sciences which is likely to be published in June 2018. Publishers may review the presented papers once again before selecting the paper for publication. (Conference Registration fee covers publication charge for Springer DE).
3. Selected papers will be published in Scopus Indexed Journal "International Journal of Engineering & Technology (UAE)" with additional charges quoted by publishers. (Additional charges will be notified only after the acceptance of paper for publication).
Journal Link: <https://www.sciencepubco.com/index.php/ijet> & <https://www.scopus.com/sourceid/21100805731?origin=sbrowse>

Paper Formats & Ethics:

The research paper submitted should be original work and should not have been submitted in another conference or journal. IEEE format should be followed for the paper.

Registration Fee:

The registration fee can be paid through Demand draft / NEFT.
Demand Draft: In favor of "Principal, NMAMIT, Nitte", payable at Syndicate Bank Nitte / SBI, Karkala, to be sent to the Conference Secretary before due date.

NEFT/RTGS:

A/c Holder name: Principal, NMAMIT, Nitte
Account No.: 01152200033493
IFSC/RTGS code: SYNB0000115
MICR Code: 576025533.

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The proof of NEFT payment (with UTR No., date & time, Paper Id) needs to be communicated through email to Dr. Bharath B. R. (icete@nitte.edu.in).

For Foreign Delegates : 100 USD
For Indian Delegates : Rs. 6000

Accommodation :

Accommodation will be provided on twin sharing basis in the institute hostel on request depending on the availability and first come first serve basis.

Contact details :

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Conference URL: <http://www.icete-nitte.in>
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8th INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING

(Themes : E3S & D3A)

May 14th & 15th 2018



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>

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Accredited by NAAC 'A' Grade



About the Institute

NMAM Institute of Technology was established in 1986. The college is affiliated to Visvesvaraya Technological University, Belagavi and is recognized by the All India Council for Technical Education (AICTE), New Delhi. Institute is accredited by National Assessment & Accreditation Council (NAAC) and all the programs are accredited by National Board for Accreditation (NBA). Institute is placed in "A" grade by NAAC Bengaluru. Institute is certified by ISO 9001-2015 standards for quality education by NVT Quality Certifications (ANAB accredited). The institution has been granted Academic Autonomy under the Visvesvaraya Technological University from 2007-08.

The Institute offers graduate programs in 7 branches of Engineering - Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Science and Engineering, Mechanical Engineering and Biotechnology. The college also offers postgraduate programs like Master of Technology, Master of Computer Applications and Master of Business Administration. All departments have been recognized as research centres for offering M.Sc. (Engg.) & Ph.D. programmes under VTU, Belagavi.

The Institute is located on Padubidri-Karkala State Highway which is well connected with Mangaluru (60 KM) and Udupi/Manipal (45 KM) through NH 66 & NH 169. The participants can alight at Mangaluru or Udupi Railway Stations/Bus Terminals or Mangaluru Airport to reach the Institute.

About the Conference

NMAM Institute of Technology is organizing International Conference on Emerging Trends in Engineering (ICETE-18) with two themes: 1- Environment, Energy & Engineering Strategies for Sustainability (E3S) and 2- Drives, Data Science & Disruptive Technologies for Advancement (D3A) on May 14th & 15th 2018, which is eighth international conference since 2011. For this conference, four eminent researchers will be visiting and delivering lectures. Besides, there will be an opportunity for students and research scholars of various branches of Engineering & Technology, and Professionals from industry to deliberate, present and discuss their research work.

Invited Speakers



Satoshi Soda, Ph.D.
Ritsumeikan University, Japan
Environmental Engineering or Waste water Management



Lin Meng, Ph.D.
Ritsumeikan University, Japan
Artificial Intelligence & Image Recognition



Kazuhiro Shimonomura, Ph.D.
Ritsumeikan University, Japan
Mechatronics or Robotics



Omid Ansari, Ph.D.
University of Penn State, Harrisburg, USA
Electrical and Electronics Engineering

Thrust Areas

Theme 1: Environment, Energy & Engineering Strategies for Sustainability (E3S)

T1.1 Civil Engineering

Construction Technology; Structural Engg.; Water resources Engg. Environmental Engg.; Transportation Engg.; Geotechnical Engg. and RS and GIS applications.

T1.2 Biotechnology Engineering

Environmental Remediation; Biofuels/Bioenergy; Bioinformatics; Nanotechnology and Fermentation Technology

T1.3 Mechanical Engineering

Alternative fuel technology; Alternative refrigerants and systems; Automotive engineering; CAD/CAM/CNC; Composites and smart material; Computational fluid dynamics; Condition monitoring and maintenance management; Energy management; Engine technology; Heat transfer and fluid flow systems; Surface Metrology; Micromachining and MEMS; Tribology; Modern Manufacturing Technology; Recent advances in machining; Sustainable Energy Technology; Robotics and Advanced Automation in Manufacturing.

T1.4 Allied Engineering Sciences and Humanities

Physics

Semiconductor devices; Nonlinear optics & Photonic materials; Thin films and nanotechnology; Radiation - matter interaction; Materials characterization; Superconductivity; Crystal growth and characterization; Polymers, glasses and ceramics; Bio-materials; Magnetism and Spintronics; Graphene & Novel Materials.

Chemistry

Synthetic organic green Chemistry; Nanolayer coatings and corrosion Inhibition; Nano materials and polymer composites.

Mathematics

Graph Theory, Lattice theory and Ring theory

Humanities

Sustainability and Development

Theme 2: Drives, Data Science & Disruptive Technologies for Advancement (D3A)

T2.1 Computer Science / Information Science Engineering

Algorithms and Theory; Architectures, Compilers, and Embedded Systems; Artificial Intelligence & Expert Systems; Big Data Analytics; Cloud Computing; Database Systems; Data Mining; Data Science; Pattern Recognition; High Performance Computing; Image Processing; Multimedia Computing; Computer Vision; Internet of Things; Machine Learning; Networks, Distributed Systems, and Security;

Programming Languages; Software Engineering; Theoretical Computer Science; Web Services; Wireless networks; Cryptography and Network Security.

T2.2 Electrical Engineering

Control Systems; Industrial Drives; High voltage/FACTS; Renewable Energy; Transportation Engineering; Power quality, Energy Engineering; Power, Instrumentation and Control systems.

T2.3 Electronics and Communication Engineering

Communication:

Advanced Modulation Techniques; Channel Coding; Microwave and Optical Communication; Multimedia Communication; OFDM and Multicarrier System; Remote Sensing and Satellite Communication; Wireless Communication; Wireless and Cellular Networks.

Signal Processing

Array Signal Processing; Digital Signal Processing; Biomedical Signal Processing; Fuzzy Logic / Digital Speech Processing; Neural networks; Adaptive Signal Processing; Power Electronics and drives; Compressed Sensing; VLSI / MEMS / NEMS; Statistical Signal Processing; Image/Video Processing. VLSI & Embedded Systems

Micro controllers and Embedded Systems; Analog and Digital VLSI Technologies; Low power VLSI Design; Robotics.

Patron:

Sri N. Vinaya Hegde, Chancellor, Nitte (Deemed to be University) & President, Nitte Education Trust

Chairperson:

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

Program Committee Chair:

Dr. I. R. Mithanthaya, Vice Principal & Dean (Academics)

Conference Secretary:

Dr. Bharath B. R., Asst. Professor, Dept. of Biotechnology Engineering

Theme Coordinators:

Theme 1: Dr. Vidya S. M., Professor, Dept. of Biotechnology Engineering

Theme 2: Dr. K. S. Shivaprakasha, Associate Professor, Dept. of E&C Engineering

Programme Committee :

Dr. Srinivas Rao B. R., Vice Principal & Controller of Examinations

Dr. Sudesh Bekal, Dean - R & D

Dr. Vaman Rao C., Professor & Head, Dept. of Biotechnology Engineering

Dr. Subrahmanya Bhat, Professor & Dean (Student Welfare), ISO & IQAC Coordinator

Dr. K. Rajesh Shetty, Dean (Admission & Alumni Affairs)

Dr. Srinivas Pai, Deputy Controller of Examinations

Dr. Nagesh Prabhu, Prof. & Head, Dept. of E & E