

### Convener

**Dr. Bhimasen Soragaon**, Prof.& Head, Dept. of ME

### Co-Conveners

**Dr. B V Raghavendra**, Assoc. Prof., Dept. of ME

**Mr. Anil Kumar K S**, Asst. Prof., Dept. of ME

### Email:

ncmdm2019@gmail.com

### Organizing Committee

Dr. B P Shiva Kumar

Dr. B P Mahesh

Dr. Anandkumar R Annigeri

Dr. Mruthunjaya M

Dr. T S Nanjundeswaraswamy

Dr. Gowreesh S S

Dr. K B Yogesha

Mr. Suresh Holi

Dr. K M Nataraj

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Mr. T K Nagaraja

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Mr. J S Srinkantamurthy

Mr. B N Venkatesh

Mr. Devappa

Mr. G M Swamy

Mr. P N Siddappa

Mr. K S Mahesh

Mrs. D N Roopa

Mr. Veeresh B R

Mr. Umamaheshwar Hebbal

Mr. Prajwal M

Dr. SanthoshKumar B M

Mr. Praveen Kumar U B

Mr. Marulasiddeshi H B

Mr. Praveen Prabhu R

All the non-teaching staff members

### About the Institute

**JSS Academy of Technical Education (JSSATE)** was established in the year 1997 at Bengaluru and is under the umbrella of JSS Mahavidyapeetha, Mysuru. The vision of our President, His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamigalavaru saw the establishment of this excellent Academy for Technical Education. The Campus is located on a sprawling 21 acres land surrounded by lush green plantation on the South-Western edge of Bengaluru City. The Academy is affiliated to Visvesvaraya Technological University (VTU), Belagavi, India, and is approved by AICTE, New Delhi.

At present, JSSATE Bengaluru has seven Under Graduate and two Post Graduate programs in Engineering along with a Post Graduate program in Business Administration. All the Departments have been recognized as "Research Centres" from VTU, Belagavi. All the seven UG programs of Engineering of the Academy are accredited by National Board of Accreditation (NBA) for three years from 2017 to 2021.

### Department of Mechanical Engineering

The Department of Mechanical Engineering was established in 2004 and offers B.E with an intake of 180 students and M.Tech (Thermal Engg.) with an intake of 18 students per year and Ph.D programs. The Department has qualified and experienced teaching faculty, state of the art infrastructure and modern teaching aids catering to the needs of VTU curriculum. The Department is recognized as a Research Centre by VTU, Belagavi.

## Two days National Conference on Emerging Trends in Materials, Design and Manufacturing (NCMDM – 2019)

16<sup>th</sup> & 17<sup>th</sup> May 2019

**VTU Sponsored**



**Visvesvaraya Technological University,  
Belagavi**

**Organized by**  
Department of Mechanical Engineering



**JSS Academy of Technical Education**

JSS Campus, Dr. Vishnuvardhan Road, Srinivasapura,  
Bengaluru - 560060

Ph No: 080-28612565,

Fax No: 080-28612706,

Website: www.jssateb.ac.in

### Chief Patron

His Holiness Jagadguru Sri Shivarathri Deshikendra  
Mahaswamigalavaru

### Patrons

**Dr. C G Betsurmth**, Executive Secretary, JSSMVP  
**Prof. M H Dhananjaya**, Advisor, JSSMVP  
**Dr. C Ranganathaiah**, Director (A&A), TED, JSSMVP  
**Dr. Karisiddappa**, Vice Chancellor, VTU, Belagavi  
**Dr. Satish Annigeri**, Registrar (E), VTU, Belagavi  
**Dr. Mrityunjaya V Latte**, Principal, JSSATEB

### About the Conference

**National Conference on Emerging Trends in Materials, Design and Manufacturing (NCMDM-2019)**

The major contribution to any economy in the world is attributed to innovation in new materials, design and manufacturing fields. Innovation is considered to be crucial and is to be properly nurtured, delivered, protected and shared. To showcase the achievements and innovations by the researchers in the fields of materials, design and manufacturing, they are invited to participate in the **National Conference on Emerging Trends in Materials, Design and Manufacturing (NCMDM-2019)**, being organized by the department of Mechanical Engineering of JSS Academy of Technical Education, Bengaluru on **16<sup>th</sup> & 17<sup>th</sup> May, 2019**.

### Outcomes

The conference is believed to promote fruitful interaction and knowledge sharing among practicing engineers, academicians, researchers, technocrats, entrepreneurs and engineering students in the contemporary issues in engineering and technology. In addition to the oral and poster paper presentations, keynote addresses have been arranged by eminent personalities in the said fields.

### Conference Topics

Participants from the Academia, Industry, Students and R&D Organization are invited to submit the original and unpublished full research papers on the topic, but not limited to:

#### Materials:

1. Synthesis, Processing, Characterization and Applications of Polymer and Metal Matrix Composites.
2. Fatigue and Fracture Analysis

#### Design:

1. Kinematics, Dynamics, Engineering Analysis; Theoretical, Experimental & Numerical Studies
2. Mathematical Modelling, Simulation and Analysis
3. Vibration, Acoustics and Maintenance Engg.

#### Manufacturing:

1. Advanced Machining Technology
2. Planning/Scheduling/Optimization
3. Agile, Additive, Smart, Sustainable, & Flexible Manufacturing
4. Rapid Manufacturing & Technology
5. CAD/CAM/CAE & Robotics

### Guidelines

Abstract should be within 200 words and the full paper length is limited to a maximum of 6 pages- single spacing, single column with Times New Roman font of size 12.

### Publication

Proceedings of the conference will be published containing abstracts of all the accepted papers. A CD will be released that would contain accepted full papers. Peer reviewed selected papers will be published in SCOPUS indexed journal for which the charges will be at actual. The conference encourages poster presentation which will also be included in the proceedings. Attractive prizes will be awarded for the best oral and poster presentations.

### Accommodation

Limited accommodation is available to the interested participants on nominal charge basis on 'first come first serve' basis in the college hostel. Details will be communicated at a later stage. Participants may also make their own arrangements for accommodation in the nearby hotels.

### Registration:

Category	Amount in Rs.
Academia participants	500/- + GST (18%)
Industry participants	1000/- + GST (18%)
Students (Researcher / Non-researcher)	250/- + GST (18%)

The registration fee is to be paid in the form of DD drawn in favour of "**The Principal, JSS Academy of Technical Education,**" payable at Bengaluru. The registration fee includes conference kit and food. No TA/DA will be given to the participants. The Registration fees can also be remitted online, for which the details are shown below:

**A/C No:** 520361022990229

**IFSC Code:** CORP0000074

**Bank Name:** Corporation Bank,  
Jayanagar,  
Bengaluru-11

**A/c Holders Name :** Principal, JSSATE, Bengaluru

### Important Dates

<b>Abstract submission</b>	March 31, 2019
<b>Full paper submission</b>	April 15, 2019
<b>Acceptance of full paper</b>	April 31, 2019
<b>Last date for Registration</b>	May 05, 2019
<b>Conference date</b>	May 16-17, 2019

### Corresponding Address

For sending the paper & any further details:

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