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## Convener

**Prof. (Dr.) Mangesh B. Chaudhari**  
Professor and Head, Dept. of Mechanical Engg.

## Co-Convener

**Dr. S. P. Chippa** Associate Professor  
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**Prof. P. D. Khaire** Assistant Professor  
**Prof. M. R. Kharde** Assistant Professor  
**Prof. N. S. Pophale** Assistant Professor

## Keynote Speakers

**1. Prof. Rajiv Tiwari**, Professor, Indian Institute of Technology, Guwahati  
Expert in the field of Rotor Dynamics and Vibration  
**2. Prof. Amit Agarwal**, Professor, Indian Institute of Technology, Bombay.  
Expert in the fields of Microfluidics, Fluid Mechanics and Heat Transfer



Bansilal Ramnath Agrawal Charitable Trust's

**VISHWAKARMA  
INSTITUTE OF  
TECHNOLOGY, PUNE - 37**

666, Upper Indira Nagar, Bibwewadi,  
Pune - 411037 (Maharashtra)  
(www.vit.edu)

(An autonomous institute, Affiliated to Savitribai Phule  
Pune University)

**National Conference on  
Emerging Trends in Mechanical Engineering  
(NCETME-2019)**

**7<sup>th</sup> - 8<sup>th</sup> February 2019**

**Organized by**

**Department of Mechanical Engineering**

**In Association with**

**Savitribai Phule Pune University**



## Publication

Submitted papers will be Peer-Reviewed. Selected papers will be considered for further review for publication in **Journal of The Institution of Engineers (India): Series C (SCOPUS Indexed)**.

## About The Institute

Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology, Pune, a highly commendable private institute. Established in the year 1983, it is an autonomous institute affiliated to Savitribai Phule Pune University. The Institute is running nine under graduate, eight post-graduate and six Ph.D. programmes. Eight undergraduate and one post-graduate programmes are NBA accredited. The Institute is accredited ('A' Grade) by NAAC.

## About The Department

Mechanical Engineering Department is one of the leading department established in 1986 and runs B.Tech, M.Tech and Doctoral programmes. We have experienced faculty with a strong background of academics, industry exposure, research and consultancy activities. The department is in active collaboration with many industries like Forbes Marshall, Mahindra and Mahindra etc. and foreign Universities like Binghamton and Purdue Universities in USA. Department has well established laboratories with high end equipments and latest softwares. Our SAE student chapter and ISHRAE student chapter are giving practical exposure to the students through various technical activities.

## About The Conference

The Objectives of this National conference are

- To discuss the current practices in Mechanical Engineering: Thermal, Manufacturing and Applied Mechanics
- To discuss the emerging technologies in above mentioned areas
- To provide an opportunity to participants to interact and network with researchers and industry experts.

## Call for Papers

Papers are invited from professionals, researchers, business entrepreneurs and academicians in the following themes (but not limited to the following):

- Engineering Design including Vibration & Noise, Thermal Engineering, Cryogenics, Heat Transfer
- Renewable Energy, Fluid Mechanics & Machinery, Power Plant Engineering
- Optimisation, Simulation & Modelling, Dynamic Systems, Measurement & Control
- Reliability, Availability & Maintainability, Tribology including Bearings
- Virtual Manufacturing Environments & Systems
- Artificial Intelligence, Knowledge Intensive CAD/CAM, Computer Aided Product Development,
- Mechatronics, Micro Electronics in Mechanical System

## Important Dates

Full Manuscript submission: 15<sup>th</sup> November 2018  
Reviewers Notification: 30<sup>th</sup> November 2018  
Revised submission: 15<sup>th</sup> December 2018  
Final Decision: 25<sup>th</sup> December 2018  
Camera-ready Submission 30<sup>th</sup> December 2018  
Registration upto 15<sup>th</sup> January 2019

## Manuscript Preparation Guidelines

Authors should prepare the paper according to template given on the following link:

<http://www.vit.edu/Mechanical/index.php/ncet-me-2019>

Manuscripts should be sent on following email address: [ncetme2019@vit.edu](mailto:ncetme2019@vit.edu)

## Conference Registration

Registration for the conference can be made by paying fee including applicable GST(18%) as per the details given below:

Student Delegate Rs. 500/-

Academic and R&D Institute Rs.1000/-

Industry Delegates Rs.2,000/-

This registration fee includes day time hospitality on conference day and kit for registered delegates.

Link for online Registration:

<http://www.vit.edu/Mechanical/index.php/ncet-me-2019>

## Mode of Payment

Name: Vishwakarma Institute of Technology, Student's activity

Account No: 011022100005737

IFSC code:HDFC0CSUVRN

Bank: Suvarnayug Sahakari Bank Ltd., Pune

Branch: VIT Extn. Counter, VIT Campus, Bibwewadi, Pune

**Note:**

- Registration is compulsory for all participants.
- For outstation participants, staying arrangement can be made available (shared AC rooms) near VIT at an additional cost.

## How to Reach the VIT Campus



Pune is well connected with all the major cities in India by road, rail and air. Vishwakarma Institute of Technology is centrally placed in Pune city and is 11 Km from Pune Railway Station and 18 Km from Pune International Airport.