

## KEYNOTE SPEAKERS

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(Director, Mikrotols Pte Ltd, Singapore)

**Dr. Pramod M. Padole** (Director, VNIT, Nagpur)

**Dr. Srinivasa Rao Pedapati** (UTP, Malaysia)

**Dr. Vincent Shantha Kumar** (BITS Pilani, Dubai Campus)

**Dr. Naveenkumar Shrivastava** (BITS Pilani, Dubai Campus)

## Paper Submission

Web page for ICRTME – 2021

<https://btech.mit.asia/icrtme2021>

email: [icrtme.2021@mit.asia](mailto:icrtme.2021@mit.asia)

For any correspondence please contact:

**Dr. Ashok Keche** : +91 9325756115

**Dr. Chetan Kuthe** : +91 9028699247

**Dr. Swamini Chopra** : +91 8767232440

**Er. P. T. Borlepwar** : +91 9860084275

**Er. S. R. Kulkarni** : +91 9890955285

## Registration Fee:

Every accepted Articles / Research papers should be registered by atleast one author to attend the conference through online mode. The accepted list of Articles / Research papers will be displayed on the website and authors will be intimated through email. The details about the registration fee are given below:

Category	Fee
Faculty Members	INR 1500
Research Scholar	INR 1000
Industry Delegates	INR 2000
PG/UG Students	INR 1000
Attendees	INR 500
Foreign Delegates (Author)	USD 50
Foreign Delegates (Attendees)	USD 20

**All the submitted manuscripts will be published in STM journals after peer-review process.**

**A separate book of abstracts will also be published (soft copy) as conference proceedings and shared with all the participants along with the certificates.**

The registration fees can be deposited in the State Bank of India (The details are provided below) or can be through online payment mode along with online registration.

### Bank Details :

A/C name : **Maharashtra Institute of Technology, Aurangabad**  
A/C No.: **11134726234**  
IFSC Code : **SBIN0010791**

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**Dr. Ashok Keche**

Head of Mechanical Engineering Department

## ORGANIZING SECRETARIES

**Dr. Chetan Kuthe**

**Dr. Swamini Chopra**

## IMPORTANT DATES

**15<sup>TH</sup> DEC 20**

Full Length Paper (Max. 8 pages)  
Submission Deadline

**27<sup>TH</sup> DEC 20**

Acceptance  
Notification

**08<sup>TH</sup> JAN 21**

Camera Ready  
Paper Submission

**17<sup>TH</sup> JAN 21**

Registration  
Last Date

Link for Online Registration

<https://bitly.com/miticrtme2021>



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International  
Conference on

# “RECENT TRENDS IN MECHANICAL ENGINEERING”

ICRTME 2021 | 22-23 JAN 2021

Organized by

**Department of Mechanical Engineering  
Maharashtra Institute of Technology, Aurangabad**

Accredited with “Grade A” by NAAC

Satara Village Road, Beed By pass, Aurangabad – 431010  
Maharashtra, India | Tel. No. +91 240 2375240

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## ABOUT THE INSTITUTE

Gramaudyogik Shikshan Mandal's Maharashtra Institute of Technology, Aurangabad was established in 2001 and is part of MIT group of Academic and Research Institutes.

MIT offers technical courses at diploma, UG, PG and Ph D level with academic excellence of over 19 years, MIT is a prime institute carrying out research in various fields in and around the industrial city of Aurangabad, Maharashtra.

The institute has been accredited with 'A' grade by NAAC in 2017.

The institute has been ranked 87<sup>th</sup> in 2018 as per survey conducted by Outlook magazine for India's top 100 Engineering colleges.

### The institute offers Technology Education for: Undergraduate students in the following branches :

- Agricultural Engineering
- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Electronics & Telecommunication Engineering
- Mechanical Engineering
- Plastics & Polymer Engineering

### Other Post-Graduate Course

- Master of Business Administration

### PhD Research Centres

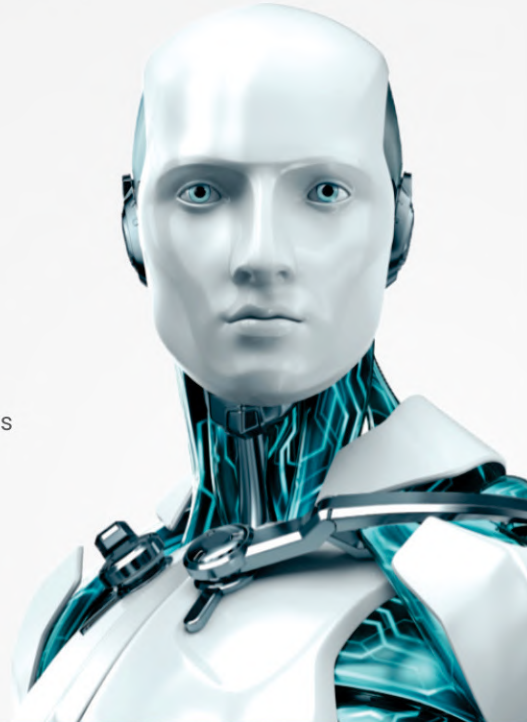
- Mechanical Engineering
- Electronics & Telecommunication

The institute has association with more than 300 companies for In-Plant Training for B. Tech Final year students in 8<sup>th</sup> semester and has **experienced** faculties, state-of-art laboratories, enriched **library and sports** facility.

The institute has established **Centre of Excellences** in Mechatronics, Analytical Research and Studies, Industry relevance in Polymer Science and Technology, Advanced Materials Research and Technology.

### Post-Graduate Courses in M. Tech.

- Mechanical Engineering
- Computer Science & Technology
- Food Processing Technology
- Electronics & Telecommunication Engineering



## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering came into being in the year 2001. At present it offers both undergraduate and postgraduate courses in various facets of Mechanical Engineering. The department offers Master of Technology courses in Mechanical Engineering from the year 2011. Department has been recognized as Research Center in Mechanical Engineering in the year 2012, under Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The department also offers Bachelor of Vocational Course in Refrigeration and Air Conditioning since 2020. The department has varied laboratories, workshop facilities and a top class research center with modern sophisticated equipment to carry out research in all areas related to Mechanical and Production Engineering. The faculty actively participates in sponsored research and consultancy work and maintains an appreciable rapport with industries.

## ABOUT THE ONLINE INTERNATIONAL CONFERENCE

The main objective of this conference is to bring together leading Scientists, Researchers, Industrialists, Academicians and Engineering students from different universities, institutes and laboratories at one unique platform to share their experiences and exchange ideas focused on a wide range of subjects from the domain of Mechanical Engineering. Original contributions from Researchers, Academicians, Industry experts and Students addressing state-of-the art research and describing their original unpublished research work which is not currently under review by another conference or journal are invited to share their work in all the areas of Mechanical Engineering. The conference theme is divided into four main streams of Mechanical Engineering as follows, however, the sub-topics are not limited to those mentioned:

### A. Stream I – Manufacturing Engineering

- Production Technology
- Green Manufacturing
- Advances In Manufacturing
- Industry 4.0
- Internet of Things (IoT)
- Robotics & Automation
- Additive Manufacturing and 3-D Printing

### B. Stream II – Thermal Engineering

- Heat Transfer
- Thermodynamics
- Energy and Fuel Cell
- I. C. Engines and E-vehicles
- Refrigeration and Airconditioning (RAC)
- Power Plant Engineering
- Alternative Energy Sources

### C. Stream III – Design Engineering

- Solid Mechanics
- Machine Design
- Finite Element Analysis (FEA)
- Computational Fluid Dynamics (CFD)
- Fluid Mechanics
- Machines and Mechanisms
- Bio-Medical Engineering

### D. Stream IV – Materials Engineering

- Carbon-Based Materials
- Nano-Materials
- Bio-Materials
- Steel and Iron Making
- Polymer and Composites
- Powder Metallurgy
- Ferrous, Nonferrous Materials & Composites

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