



## About the Institute



The Institute of Engineering & Technology is an integral part of Dr. B. R. Ambedkar University, Agra (formerly Agra University), situated at Khandari Campus, Agra-282002, Uttar Pradesh. Dr. B.R Ambedkar University formerly known as Agra University is one among the oldest universities in India, encompassing a broad range of academic pursuits. During the past eight decades the university has played a vital role that is reflected by its diverse achievements in significant manner over the educational map of India as well as the world. To keep pace with the changing times, The Institute of Engineering & Technology, which came in to being in the year 1998, has led the University to an era of ultimate techno-creativity & scientific expertise. I.E.T has been established with the objective to meet the growing demand of technically trained people with strong knowledge of respective discipline of engineering backed with a support of latest IT systems, general management and India mythological views which would enable an engineer to be a perfect executive.

## About the Department

- The Department of Mechanical Engineering strives to become an excellent center for research and innovation.
- It provides an excellent learning environment with dedicated young faculty members, state-of-the-laboratories and innovative academic processes.
- The division focuses on providing an in-depth knowledge in the field of Mechanical Engineering such as Thermal Sciences, Material Sciences, Industrial Engineering, Simulation & Modelling, Mechatronics & Robotics, CAD, CAM, CAE and Manufacturing & Production Engineering.

### Patron

**Prof. Ashok Mittal**  
Hon'ble Vice Chancellor,  
Dr. Bhimrao Ambedkar University, Agra

### Programme Chair

**Prof. V. K. Saraswat**  
Director,  
Institute of Engineering & Technology, Agra

### Programme Co-Chair

**Prof. Manoj Kumar Upadhyay**  
Head of the Department,  
Department of Mechanical Engineering  
Institute of Engineering & Technology, Agra

### Convener

**Er. Ajeet Singh Yadav**  
Assistant Professor,  
Department of Mechanical Engineering  
Institute of Engineering & Technology, Agra

### Co-Convener

**Er. Vipin Kumar**  
**Er. Shailendra Singh**  
Assistant Professor,  
Department of Mechanical Engineering  
Institute of Engineering & Technology, Agra

### Organizing Committee

- ✚ Er. Nagendra Singh
- ✚ Er. Babalu Kumar
- ✚ Er. Manish Dixit
- ✚ Er. Harvir Singh
- ✚ Er. Saurabh Pachauri
- ✚ Er. Sonam Tiwari
- ✚ Er. Devarshi Kapil
- ✚ Mr. Abhishek Trivedi
- ✚ Mr. Manish Kumar
- ✚ Mr. Hemant Singh Parihar
- ✚ Mr. Deepak Gupta

**National Conference  
On**

## **“Futuristic Trends in Mechanical, Mechatronics & Automation Engineering”**

Under  
TEQIP-III

**(20<sup>th</sup> Mar - 21<sup>st</sup> Mar, 2021)**

Organized by:

**Department of Mechanical  
Engineering**

**Institute of Engineering & Technology,  
Dr. Bhimrao Ambedkar University,  
Agra - 282002**

**[Paper Submission Link](#)**

**[bit.ly/nCFTMMAE-2021](http://bit.ly/nCFTMMAE-2021)**

## About the Conference

The objective of the conference is to promote research and developmental activities in mechanical engineering field. It will foster scientific information interchange between researchers, developers, engineers, students, and practitioners working around the world. The cutting-edge research in the areas of Mechanical Engineering is progressing world-wide. In order to cope up with this challenging world, India needs to take up sustainable and high-quality research in engineering. You are cordially invited to participate in the National Conference on Futuristic Trends in Mechanical, Mechatronics & Automation Engineering (FTMMAE - 2021). The conference focuses on a range of issues but not limited to: Rapid Prototyping, Solid Mechanics, Structural, Thermal, Energy, Manufacturing, Materials Science, Mechatronics, Robotics and Control, Mechanical Behavior of Nanomaterials, Nanocomposites Automation, Biomechanics, Industrial Engineering, Multidisciplinary and Emerging Areas of Engineering like Artificial Intelligence etc. Prospective authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Advanced Mechanical Engineering are cordially invited for presentation at the conference.

## Participation

The Conference is aimed at an exchange of ideas and concepts among a broader group including:

- Academicians
- Students
- Researchers
- Entrepreneurs and Business Leaders
- Innovators

## Key Note Speakers

- Dr. Amar Patnaik (MNIT, Jaipur)
- Dr. Dinesh Kumar (MNIT, Jaipur)
- Dr. Pawan Singh (IIT, Dhanbad)
- Prof. R. K. Garg ( DCRUST, Murthal)
- Dr. P. K. Jain (IIITDM, Jabalpur)
- Prof. Sanjay Srivastava (DEI, Agra)
- Dr. Ankit Sahai (DEI, Agra)

## Conference Theme

The conference will highlight the related focused areas based on the following themes

**Material and Characterisation:** Material Science and Engineering, Micro and Nano Material, Bio Materials, Smart Materials and Fuel Cells

**Thermal Sciences:** Thermodynamics, Fluid Mechanics, I.C. Engine, Heat Transfer, Renewal Energy, Nano Fluids, Conventional and Non-Conventional Energy Resources

**Manufacturing Sciences:** Rapid Prototyping, Analysis and Modelling in Welding Process, Conventional and Non-Conventional Machining Process, Non-Conventional Welding, Optimization in Machining Parameters

**Modelling and Simulation:** Advance Numerical Techniques, CAD/ CAM/ CAE and Product Design, Solid Mechanics, FEA/FEM, Design Engineering

**Industrial Engineering:** Industrial 4.0, Human Factors and Ergonomics, Quality Control and Reliability, Logistics and Supply Chain Management, Productivity and Improvement, Operation Research

**Intelligent System:** Mechatronics, Robotics, Control Engineering, Automation, Artificial Intelligence, Digital Manufacturing

## e-Registration

E-Registration will be done through online mode through google forms link.

For any query regarding registration contact to

Er. Devarshi Kapil      Mob No: 9807288725

Er. Saurabh Pachauri      Mob No: 9027088364

## Important Dates

Abstract Submission Deadline	15 March, 2021
Last Date of Registration	17 March 2021
Date of Conference	20 & 21 March, 2021

## Fee Details

For Non TEQIP Institutions:

For UG & PG students : Rs. 500/-  
For Research Scholars : Rs. 1000/-  
For Faculty : Rs. 1000/-  
For Industry Experts : Rs. 1500/-

**Note: No Registration fee for TEQIP-III Institute participants**

## Contact Details

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