

## National Conference

On

## FUTURISTICS IN MECHANICAL ENGINEERING FME-2014

March 08-09, 2014

Call for Papers



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**Technical Education  
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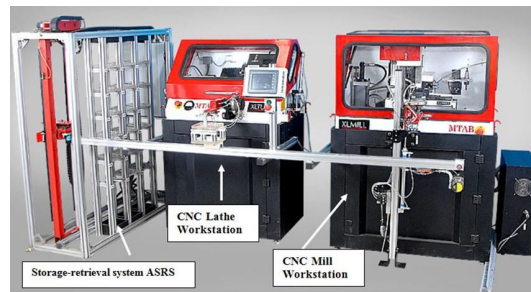
**Department of Mechanical Engineering  
Madan Mohan Malaviya Engineering College  
(An Autonomous College)  
Gorakhpur-273010 (UP), India**

### ABOUT THE CONFERENCE

The National Conference on 'Futuristics in Mechanical Engineering-2014' (FME-2014) is scheduled to be held during March 08-09, 2014. The primary objective of this conference is to bring together experts from academic institutions, industries, research organizations and scholar students to exchange and share their knowledge, innovative ideas, research findings, expertise and experiences related to advancement and futuristic trends in mechanical engineering education and research. The related technical papers are invited from the prospective authors from academic institutions, industries, research organizations and from research scholars. The conference will feature discussions and presentations on recent developments in the field, the plenary lectures and regular paper sessions by the eminent technical experts and the participants.

### ABOUT M.M.M.E.C., GORAKHPUR

Madan Mohan Malaviya Engineering College, Gorakhpur was founded by State Government in 1962 in the memory of the great scholar and patriot Pandit Madan Mohan Malaviya. It is a premier technological institute of Eastern UP and has significantly contributed towards technical manpower development, research and training. The college (an autonomous college, conferred by UGC, New Delhi) runs Graduate and Post Graduate level courses in all emerging areas of Engineering and Management. The college is going to become Madan Mohan Malaviya University of Technology very soon. The organization has faculty well exposed to the cutting edge technologies in their respective areas.



### ABOUT THE DEPARTMENT

The Department of Mechanical Engineering, established in the year 1962, is imparting quality education to the students in the field of Mechanical Engineering through its Undergraduate programme. The department also runs Post Graduate programmes in Computer Integrated Manufacturing and Energy Technology and Management. The alumni of the department are today occupying highest positions in a large number of Governments, semi-government and private organizations in the country and abroad. The laboratories of the Department, which are modernized from time to time, are well equipped to cater to the research and development. The Department is now equipped with Flexible Manufacturing System procured under the TEQIP-II scheme.

### CONFERENCE TOPICS

The following topics are intended to be covered in the conference

- Advanced Methods of Manufacturing
- Micro-Manufacturing
- Manufacturing system and Management
- Rapid prototyping & Rapid Tooling
- Design for Manufacturing and Assembly
- Green Manufacturing
- Design of Mechanical Systems
- CAD/CAM/FMS/CIMS
- Robotics and Automation
- Fracture Mechanics & Stress Analysis
- Noise, Vibration & Tribology
- Heat and Mass Transfer
- IC Engines and alternate fuels
- Refrigeration & Air Conditioning Systems
- Turbo Machines and Fluid Power Engineering
- Renewable and Non Conventional Energy Resources
- Composite and Smart Materials
- Measurement and Quality control
- Industrial Engineering and Management
- Concurrent Engineering
- Computational Methods in Mechanical Engineering
- Reliability and Safety Engineering
- Modelling & Simulation in Mechanical Engineering
- Any other relevant topics

