

**National Conference
On
Futuristic Trends in
Mechanical Engineering
(FTME-2019)
22nd -23rd Nov. 2019**

REGISTRATION FORM

Name: -----

Designation: -----

Affiliation :-----

Qualification: -----

Contact Address: -----

Details of Registration Charges
Rs.500/- (No Registration Charges for the
faculty of AICTE approved Engg colleges)

Mobile No.: -----

E-mail ID:-----

Experience (in years) : -----

Signature of Applicant

**Signature & Seal of
Sponsoring
Authority
Note – No. T.A./D.A. would be
admissible to the participants.**

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Mob No-9425026883
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Mob No-9425485659

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On
Futuristic Trends in
Mechanical Engineering
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(Under TEQIP -III)
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Organizing Chair
Prof .A.C. Tiwari

Conveners
Prof Alka Agrawal
Dr. Nitin Shrivastava
Dr. Ravindra Randa
Dr. Pankaj Jain

Organized By
Department of Mechanical
Engineering
University Institute of
Technology,
Rajiv Gandhi Proudhyogiki
Vishwavidyalaya-Bhopal

About University

The Rajiv Gandhi Proudhyogiki Vishwavidyalaya, was, established in 1998 by Madhya Pradesh Vidhan Sabha Act 13, 1998., RGPV; spreads over a sprawling campus of area about 250 acres, envisions to facilitate and nurture the quality of technical education, research and innovations in its own premises as well as in all affiliated institutions. RGPV currently affiliates 188 Engineering colleges, 69 colleges of Pharmacy, 25 MCA institutions and 05 colleges of Architecture in addition to 120 Polytechnics. RGPV has developed a research culture and is promoting industry-institute partnership .

Department of Mechanical Engineering

The department started in 2008 -09 with a undergraduate course in Mechanical Engineering & post graduate course in Heat Power Engineering. The department also offers a 5 year Integrated dual degree post graduate course in Mechanical Engineering, It's also a registered study centre for doctoral degree .

The Department has well equipped labs of Refrigeration and Air Conditioning, Heat and Mass transfer, I.C.Engines and other relevant subjects . It has a Modern CAD lab with latest design & simulation softwares. Department is managed by senior & experienced faculty.

About the Conference

"Mechanical engineers can be at the forefront of developing new technology for environmental remediation, farming and food production, housing, transportation, safety, security, healthcare and water resources," says the report, which is based on the proceedings of The Global Summit on the Future of Mechanical Engineering, held April 16-18, 2008, Washington, D.C. The summit, hosted by ASME at the U.S. National Academy of Engineering, convened

more than 120 engineering and science leaders from 19 countries for the purpose of defining the elements of a shared vision that will keep the profession at the forefront of grand challenges and great contributions over the next 20 years, other topics examined at the summit include intellectual property, engineering education and lifelong learning, diversity, virtual design environments, and home-based fabrication , as a follow up of above the scenario in India need to be reviewed so a conference on this topic is being organized .

In addition to above mentioned topics few suggestive topics are being mentioned below :

- New & recent technologies for Heating Cooling processes and alternate Eco friendly Refrigerants
- Futuristic trends in the field of IC Engines And alternative fuels
- Recent trends in Computational Heat Transfer & fluid flow analysis .
- Future trends in Heat & Mass Transfer
- Modern Industrial Organization and Industrial management systems
- Futuristic trends in Robotics & Automation
- Application of AI In Mechanical systems
- Future Energy Technologies and Renewable energy systems
- Electric and hybrid vehicles .
- Reverse Engineering and collaborative manufacturing
- 3 D printing Technology and stereo lithography
- Modern materials and their applications
- Studies of Nano materials
- Up coming trends in design & optimization
- Future of Power generation
- Recent Vibration & noise control systems

Call for papers

Full paper submission dead line 20th August 2019

Information of acceptance 27th August 2019

Registration dead Line 7th Sept 2019

Papers can be e mailed to uit_mechanical@rgtu.net with Times New Roman ,12 font size in standard research paper format with single column or IEEE format , All accepted research papers will be published in proceedings with ISSN number .

About Bhopal

Bhopal, capital of Madhya Pradesh combines scenic beauty, historicity and modern urban planning. It is situated on the site of an 11th century city, Bhojapal, founded by Raja Bhoj. Bhopal today presents a multi-faceted profile; The old city with its teeming market places and fine old mosques and palaces still bear the aristocratic imprint of its former rulers. It is centrally located place which is well connected to all parts of the country by road, rail and air. The institute is about 10 KM from the main railway station of Bhopal and 4 Km from Raja bhoj Airport.