

## About JCOET

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha was formed in the year 2003 by the visionary Dr. Shital A. Watile, a renowned educationalist with the lofty aim of providing quality professional education and meeting the rising expectations of the industry as well as the young students in the region and around. Jagadambha College of Engineering & Technology, Yavatmal, was established by JBGVS on an expanse of 11 acres on Nagpur Tuljapur Highway, just 5 km from Yavatmal bus stand. Jagadambha College of Engineering & Technology, Yavatmal, is marching to achieve the objective of excellence in the field of Engineering & Technology. JCOET affiliated with Sant Gadge Baba Amravati University (SGBAU), Amravati. Recognised by Directorate of Technical Education (DTE), Maharashtra State. Approved by All India Council For Technical Education (AICTE), New Delhi. Accredited with Grade A+ by National Assessment and Accreditation Council (NAAC). JCOET got autonomous status from year 24-25 by UGC New Delhi.

## About Department

The Department of Mechanical Engineering was established in 2009 and is affiliated to Sant Gadge Baba Amravati University. Intake of the department is of 60 students for UG Course. Mechanical engineering is the evergreen field of engineering. There is a wide scope for mechanical engineering worldwide. Mechanical engineers are the second highest employed engineers among all others. Automobile industry, oil and gas production companies, aeronautical field, cement industries, design sector, chemical industries, heavy machinery sector, defense and above all the booming construction field employ mechanical engineers in huge amount.

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Secretary

Jagadambha Bahuuddeshiya Gramin Vikas Sanstha, Yavatmal

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**Dr. V. L. Bhambere**  
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Mechanical Engineering Department

**Dr. Sumit Raut**

Mechanical Engineering Department

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Mechanical Engineering Department

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Mechanical Engineering Department

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Mechanical Engineering Department



NAAC ACCREDITED COLLEGE WITH A+ GRADE  
**JAGADAMBHA**  
COLLEGE OF ENGINEERING & TECHNOLOGY, YAVATMAL  
AN AUTONOMOUS INSTITUTION  
Affiliated to Sant Gadge Baba Amravati University, Amravati



## Department of Mechanical Engineering



**Organizes**

**5-days**

**Faculty Development Programme**  
**On**  
**Advanced Material, Manufacturing, and**  
**Energy System**

**September 26<sup>th</sup> -30<sup>th</sup>, 2024**

**Online Mode**

[www.jcoet.ac.in](http://www.jcoet.ac.in)

**Certificate**

**Digital Certificate will be provided to all the**  
**registered participants**

## Eminent Speaker



Dr. Mithlesh Koiri  
Amrita Vishwa  
Vidyapeetham,  
Chennai Campus,  
India



Dr. Prakhar Kumar  
Kharwar  
Chennai Institute of  
Engineering and  
Technology, Chennai,  
India



Dr. Gurveer Singh  
MANIT Bhopal,  
India



Dr. Yadendra Kumar  
Mishra  
NIMS University  
Rajasthan, India



Dr. Rajesh Kumar  
Verma  
HBTU Kanpur,  
India



Dr. Pushendra Kumar  
Shukla  
IIT Delhi, India



Dr. Mukhraj Yadav  
GALGOTIA  
University, Noida,  
India



Dr. Braj Krishna  
NIMS University  
Rajasthan, India



Dr. Vivekanand  
Shukla  
Dr. Shakuntala  
Misra National  
Rehabilitation  
University,  
Lucknow, India



Dr. Ram Bilas Prasad  
MMMUT Gorakhpur,  
India

## Topics Covered

- ❖ Actuators Used in Bioinspired Soft Robotics
- ❖ Development of composite material through additive manufacturing
- ❖ Addressing cleaning and end-of-life solutions for PV cells
- ❖ Laser drilling of FRP-based composite material
- ❖ Machining of polymer nanocomposite
- ❖ Role of Modeling and Simulation for Solving Complex Engineering Problems
- ❖ Hybrid electric vehicle and it's challenging Issue
- ❖ Polymer Nanocomposites for MEMS
- ❖ Design and analysis of Free mesh Composite
- ❖ Robotics: Manipulator and Kinetics

## Target Audience

Faculty from Polytechnic, Engineering Colleges, & Universities, Research Scholars & PG students.

## Programme Schedule

Two sessions daily from Thu to Mon. refer the event website for session-wise schedule.

## Registration

We request you to fill your details online by visiting the below mentioned link. Your registration will be confirmed via email. Click on:

<https://forms.gle/baP41y4WZX6UzKHe9>

## Contact Person

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