

**AICTE-QIP Sponsored  
Short Term Course**

on

**“Advances in Manufacturing and  
Industry 4.0 ”**

**February 22 - 27, 2019**

**REGISTRATION FORM**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Address for correspondence: \_\_\_\_\_

Mobile Number: \_\_\_\_\_

e-mail: \_\_\_\_\_

Educational Qualification: \_\_\_\_\_

Experience: \_\_\_\_\_

**Details of Demand Draft:**

DD No.: \_\_\_\_\_ Date: \_\_\_\_\_

Name of Bank: \_\_\_\_\_

Accommodation Required : Yes / No

Place: \_\_\_\_\_ Signature of applicant

Date: \_\_\_\_\_

Mr./ Ms./ Dr. \_\_\_\_\_ is  
an employee of this institute and will be  
sponsored to attend the course, if selected

Seal and Signature of  
the sponsoring authority

**CHIEF PATRON**

**Hon. Dr. Abhay. E. Wagh**

Director, Directorate of Technical Education,  
Maharashtra Mumbai-400 001

**Hon. Er. Sanjay Jadhao**

Chairman, Board of Governance  
Government College of Engineering, Amravati

**PATRON**

**Hon. Prof. Dileep N. Malkhede**

Advisor-I (RIFD)  
All India Council for Technical Education  
New Delhi

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Joint Director,  
Technical Education, Regional Office, Amravati

**Prof. R. S. Dalu**

Principal,  
Government College of Engineering, Amravati

**Prof. A.M. Mahalle**

Head, Mechanical Engineering,  
Government College of Engineering, Amravati

**COORDINATOR**

**Prof. M.T. Shete**

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Government College of Engineering  
E-mail: mtshete82@gmail.com  
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**CO-COORDINATOR**

**Dr. R.M. Metkar**

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Cell No.: +91 9975497452

**AICTE – QIP SPONSORED**



**One Week Short Term Course**

on

**“Advances in Manufacturing and  
Industry 4.0”**

**February 22 - 27, 2019**



**Coordinator**

**Prof. M.T. Shete**

**Organized by**

**Department of Mechanical Engineering  
Government College of Engineering  
Amravati,**

*(An Autonomous Institute of Government of Maharashtra)*

**Kathora Naka, VMV Road,  
Amravati-444 604, India**

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Fax : +91 721 253 1931

Website: <http://www.gcoea.ac.in>

## ABOUT THE INSTITUTE

Government College of Engineering, Amravati (GCOEA) is one of the oldest engineering institutes in state of Maharashtra, established in 1964 by the Government of Maharashtra. It is affiliated to Sant Gadge Baba Amravati University, Amravati and offers seven UG and eight PG programs in engineering discipline. The Institute has been awarded an autonomous status in the year 2006. The Institute was a part of Technical Education Quality Improvement Program (TEQIP) Phase-II by Government of India. The Institute is a recognized research center for Ph. D. Programs in Civil, Mechanical, Electrical, Electronics and Computer Engineering. The Institute stood at 31<sup>st</sup> rank all over India as per outlook survey report 2018.

## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been established in 1964. The department offers undergraduate and postgraduate courses in Mechanical Engineering. The department is recognized research center of Sant Gadge Baba Amravati University for Ph. D. and also QIP center for Ph. D. The department has team of dedicated, qualified and experienced faculty along with well-equipped laboratory. Department is having state of the art facility as Rapid Prototyping Lab as well as production engineering lab

## ABOUT THE COURSE :

Advanced Manufacturing technology is “a family of activities that depend on the use and coordination of information, automation, computation, software, sensing, and networking, and make use of cutting edge materials and emerging capabilities enabled by the physical and biological sciences. This involves both new ways to manufacture existing products, and especially the manufacture of new products emerging from new advanced technologies.

**Industry 4.0** is a name given to the current trend of automation and data exchange in manufacturing technologies. It includes cyber-physical systems, the Internet of things, cloud computing and cognitive computing. Industry 4.0 is commonly referred to as the fourth industrial revolution.

- Computer technologies High Performance Computing (HPC) for modeling, simulation and analysis
- Rapid prototyping (additive manufacturing), High Precision technologies, Advanced robotics and other intelligent production
- Information technologies, Automation, Control systems to monitor processes, Sustainable and green processes and technologies, new industrial platform technologies.

## RESOURCE PERSON

The resource person are the practitioner/researcher from reputed institute such as IIT, NIT, etc. and from industry

## ELIGIBILITY

The course is for full time teachers of Mechanical/Production/ Industrial Engineering discipline, from AICTE approved Engineering Colleges / Polytechnics / University Departments

## REGISTRATION

Eligible candidates may apply by submitting the scanned copy of the filled registration form and DD by Email to coordinator on or before **February 14, 2019**. The selected participants will be intimated by Email on February **15, 2019**.

The selected candidates should send the hard copy of registration form duly signed and stamped by the sponsoring authority along with Caution Money Deposit of Rs. 1000/- in the form of DD to the coordinator on or before February **18, 2019**.

Caution money (refundable) of Rs. 1,000/- (Rs. one thousand only) is to be paid in the form of Demand Draft drawn in favour of “**Principal, Government College of Engineering, Amravati**”, payable at Amravati. The above amount will be forfeited if the participants does not attend the course.

## TRANSPORT & ACCOMMODATION

Outstation participants are entitled for Second Class (Sleeper Class) or III AC railway fare to and fro by the shortest route. Accommodation will be provided on sharing basis on request only for outstation participants in GCOEA hostel