



Government College of Engineering, Chandrapur

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No.GCoEC/MED/FDP/I-4.0/2020/1166

Date: 16.01.20

To:

Hon'ble Joint Director
Regional Office
Nagpur

Subject: Request to depute faculty members for participation in FDP.

Respected Sir,

It gives us immense pleasure to inform you that Department of Mechanical Engineering, is organizing a DTE sponsored Faculty Development Program (FDP) on "Industry 4.0 - Opportunities & Challenges" scheduled from 3rd to 7th February 2020.

This program aims to update fundamentals and comprehensive understanding of various aspects of Industry. The content of this program is designed for inculcation of research practices among the faculty members and students.

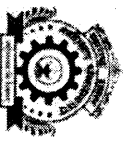
With this reference, you are requested to guide the Principal of Engineering and Polytechnic Institutes to depute at least two faculty members for participation in this faculty development program.

With best regards

Dr. P. P. Bedekar
Principal

PRINCIPAL
Govt. College of Engineering,
Chandrapur

सं. ०१२१/२११९
Govt Aided Poly
Tech Engg coll
① To Circulate memo
② on web site
16/01/20

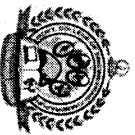


Directorate of Technical Education
Maharashtra State, Mumbai-400 001

**Sponsored One Week
Faculty Development Program
On**

**Industry 4.0 -
Opportunities & Challenges**

03-07 February 2020



Organized by

Department of Mechanical Engineering
GOVT. COLLEGE OF ENGINEERING

Chandrapur – 442 403

Phone No: (07172) 227706, 227664 Fax:227334

www.gcoec.ac.in

GENERAL INFORMATION

Chandrapur is a black gold city located on New Delhi - Chennai Railway line 150 km away from Nagpur. The famous Tadoba-Andhari Tiger Sanctuary is 35 km away from this city.

ABOUT INSTITUTION

Government College of Engineering, Chandrapur established in 1996, offers six UG and two PG programs, affiliated to Gondwana University, Gadchiroli. Three UG programs viz Mechanical, Electrical and Instrumentation Engineering are accredited by National Board of Accreditation (NBA). The college is spread over sprawling 62.5 acres of land, 5 kms away from Bus Stand and Railway Station. The college was selected by Govt. of India for Technical Education Quality Improvement Program (TEQIP) Phase-II. The institute has recently signed a MoU with Tata Technologies Limited (TTL) to establish a Center for Invention, Innovation, Incubation and Training (CIIT). The total cost of this project is Rs. 263.4 Crore under which nine centers will be established by TTL. The Department of Mechanical Engineering has good infrastructure and provide finest academic facilities. The department offers one UG program (B.E. - Mechanical Engineering) and one PG program (M.Tech- Mechanical Engg. Design). The department is also recognized as Center for Higher Learning and Research (CHLR) by Gondwana University, Gadchiroli.

CHIEF PATRON

Dr. Abhay Wagh

Director

Directorate of Technical Education
Maharashtra State, Mumbai-400 001

PATRON

Dr. Ram Nibudey

Joint Director

Technical Education
Regional Office Nagpur

CONVENER

Dr. P. P. Bedekar

Principal

Govt. College of Engineering, Chandrapur

COORDINATOR

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Prof. P. V. Chibhale

Assistant Professor, Mechanical Engineering
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ORGANIZING COMMITTEE

Dr. U. S. Wankhede, Dr. S. B. Ingole,

Dr. P. V. Washinkar, Prof. S. W. Burande,

Prof. R. S. Mohod, Prof. S. C. Jamunekar,

Prof. S. T. Ambadkar, Dr. P. A. Bagde,

Prof. S. R. Wagh

Dept. of Mechanical Engineering,

Government College of Engineering, Chandrapur

ABOUT THE COURSE

Industry 4.0 is a collective term for technologies and concepts of value chain organization. Industry 4.0 provides the vision of the Smart Industry of 21st century and beyond. Industry 4.0 is the trend towards automation and data exchange in manufacturing technologies & processes which includes cyber-physical systems, IoT, Industrial IoT etc. The objective of the course is to update the participants about the Industrial Evolution and 4th Industrial Revolution. Also to provide comprehensive understanding of various aspects of Industry 4.0, its need, applications, opportunities and challenges. To inculcate research interest among the participants on Industry 4.0.

MAJOR COURSE CONTENTS

Broad areas to be covered are:

- Industry 4.0 overview
- Advances in Manufacturing
- Smart Manufacturing
- Six-Sigma Lean Project
- Digital twins
- Technology enabled opportunities and challenges.
- Digital transformation in Manufacturing
- Product Life Cycle Management
- Lab sessions on PVA, PLM,IDI

ELIGIBILITY

Full time teachers of any discipline from AICTE approved Engineering College / Pharmacy/ University Departments / Polytechnics Colleges are eligible to apply.

REGISTRATION

A registration fee of Rs. 1000/- (Rupees one thousand only) ~~per participant~~ is to be paid in the form of Demand Draft drawn in favor of "The Principal, Govt. College of Engineering, Chandrapur", payable at Chandrapur along with the registration form duly filled and signed by Head of the Institution to be send to Co-coordinator. To avoid postal delay, the scanned copy of completed application form along with scanned copy of DD, should be submitted to the Co-coordinator by email. DD and original application may be submitted at the time of registration.

ACCOMMODATION AND TADA

The institute will provide the accommodation at the institute hostel. Also assistance will be provided for identifying the outside lodging and boarding facilities, if asked by the participant. TADA expenses (Max. AC 3 Tier Railway Fare) will be paid by the institute. Last Date of registration: 28/01/2020 Notification of Acceptance: 30/01/2020

REGISTRATION FORM

**One Week FDP On
Industry 4.0 -
Opportunities & Challenges
03-07 February 2020**

Name (In block letters): _____

Designation: _____

Address: _____

Phone: _____

E-mail: _____

Educational qualification: BE / M.Tech/Ph. D.

Specialization: _____

Faculty Experience: Teaching: _____

Others: _____

Do you require accommodation: Yes/No

DD No. and Bank: _____

Date: _____

I agree to abide by the rules & regulations of the FDP and I will attend the FDP for the entire duration.

Place: _____ Signature of the Applicant

Date: _____

The applicant is hereby sponsored to attend the above FDP.

Signature and seal of sponsoring authority