

## **REGISTRATION FORM**

**Two week AICTE – AU Professional Development Programme (PDP)**  
on  
**Skill Development in Mechanical Engineering**  
**17<sup>th</sup>-30<sup>th</sup> June 2022**

1. Name :
2. Designation :
3. Qualification :
4. Age & DoB :
5. Experience :
6. Email ID :
7. Mobile No. :
8. Institution Address :
9. Institute Affiliated to Anna University: Yes/No
10. Address for Communication:

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Professional Development Programme. If selected, I shall attend the programme for the entire duration.

Date :  
Place :

Signature of the Applicant

### **SPONSORSHIP**

Mr./Ms./Dr. \_\_\_\_\_ is an employee of our Institute /Organization and is hereby permitted for the above Professional Development Programme, if selected.

Date : \_\_\_\_\_ Signature & Seal of  
Place : \_\_\_\_\_ Head of the Institution

## **REGISTRATION**

- Registration for the PDP can be done using the attached form. The scanned copy of the duly-filled Registration form should be uploaded in the email provided.
- Confirmation of participation is to be made by mail.
- Total number of participants is limited to 30.
- Participants will be selected on first come first serve basis.
- No course fee for the program.
- Free Boarding and Lodging for the selected candidates as per norms of AU.

## **PROGRAM CERTIFICATES**

Participation certificates will be issued to the candidates who secure minimum 80% of attendance, by the Centre for Faculty Development, Anna University, Chennai – 25.

## **MAILING ADDRESS**

Staff members can submit the registration form in the following E-mail.

Email ID: [pradeep@annauniv.edu](mailto:pradeep@annauniv.edu)

For further details, kindly contact the Co-ordinators at:

Phone No.: 044-22357760 / 7733

Mobile No: + 91 99625 62713

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### **Co-ordinators**

Dr. M. Pradeep Kumar  
Dr. K. Thirumavalavan



### **Sponsored by**

**Centre for Faculty Development  
Anna University Chennai-25**

### **Organised by**

**Central Workshop Division  
Department of Mechanical Engineering  
College of Engineering Guindy,  
Anna University, Chennai-600025**

### About the Department

The Department of Mechanical Engineering (DME), CEG, has taken satisfaction in educating and servicing the student community and its stakeholders for the past 125 years, producing leaders in the mechanical and its allied engineering sectors. The Department of Mechanical Engineering (DME) of CEG, was established in the year 1894 and is one of the oldest and most renowned departments. Embarking on a remarkable journey through its history, the department takes pride in offering the first Mechanical Engineering degree course in India. The department offers exulting opportunities and triumphant learning for undergraduates in the field of Mechanical Engineering and Materials Science & Engineering. The department also offers several postgraduate degree programs. The Department of Mechanical Engineering strives to be recognized globally for excelling in engineering education and research leading to innovative, entrepreneurial, and competent graduates in mechanical engineering and allied disciplines.

### About the Central Workshop Division

The Central Workshop Division (1894), one of the oldest and largest divisions of Mechanical Engineering Department consist of Engineering Practices lab, Manufacturing technology Lab, Machine Shop, CAM lab, Metal Forming Lab, Heat Treatment Lab, Material Processing Lab, Composite Materials Lab, Mechatronics Lab, Robotics & Automation Lab, , Metrology and Measurement Lab in addition to Material Characterisation facilities like Optical Microscopy, Scanning Electron Microscope and U-V Spectrophotometer, DSC-TGA, FTIR, Dilatometer, etc...

Sophisticated Material Testing Facilities like Micro-Vickers Hardness Tester and Instron Tensile Testing Machine (50kN), Instron Servo Hydraulic Fatigue Machine (100kN) are available to cater the need of the researchers and the students. The Material Processing Lab has facilities for Friction Stir Welding, Friction Stir Processing, Hydraulic Press (100 Ton), Vacuum Hot Press, Hot Iso-static press, are also available at Central Workshop Division.

### **COURSE DESCRIPTION**

This Professional Development Programme will provide opportunity for non-teaching staff employed in AICTE approved and Anna University affiliated institutions for training and upgrading their knowledge in the area of Mechanical Engineering. This programme enriches their knowledge in the field of Mechanical Engineering.

### **ELIGIBILITY**

Non-Teaching staff from Mechanical, Production, Aeronautical, Automobile, Manufacturing, Materials science and other relevant disciplines from colleges affiliated to Anna University, Chennai are eligible to apply.

### **CONTENTS**

The following salient topics will be covered in the Professional Development Programme.

- Conventional & Unconventional manufacturing process.
- Metrology & Measurements.
- Material Characterization.
- Computer Aided Design
- CNC Programming.
- 3D Printing.
- Introduction to Thermal Engineering.
- Refrigeration & Air Conditioning.
- Energy Engineering.
- Mechatronics.
- Hydraulics & Pneumatics.
- Industrial Visit.

### **ORGANIZING COMMITTEE**

<b>CHIEF PATRON</b>	: Dr. R. Velraj Vice Chancellor Anna University
<b>PATRON</b>	: Dr. G. Ravikumar Registrar i/c Anna University
<b>CHAIR</b>	: Dr. P. Vanaja Ranjan Director, CFD  Dr. V. Adaikkalam Addl. Director, CFD
<b>CO-CHAIR</b>	: Dr.L.Suganthi Dean CEG, Anna University  Dr.S.Balasivanandha Prabu Professor & Head Dept. of Mechanical Engg. CEG, Anna University
<b>Co-ordinators</b>	: Dr. M. Pradeep Kumar Professor & Head Central Workshop Division CEG, Anna University  Dr. K. Thirumavalavan Associate Prof. / Mech. CEG, Anna University
<b>Organizing Department:</b>	Dept. of Mechanical Engineering, CEG, Anna University, Chennai

### **IMPORTANT DATES:**

<b>Submission of Application</b> (Scanned copy by email)	: <b>16.06.2022</b>
Intimation of Selection (by email)	: <b>17.06.2022</b>