

ABOUT THE UNIVERSITY

Anna University was established on 4th September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities. Anna University is an affiliating type of University bringing together all the Engineering Colleges in the State of Tamilnadu under one umbrella to ensure uniform quality in engineering education. In addition to the above, 4 University Department Campuses (CEG/MIT/ACT/SAP Campuses), presently, Anna University has 13 Constituent Colleges, 3 Regional Campuses at Tirunelveli, Madurai and Coimbatore and 593 Affiliated Colleges. Anna University offers 29 UG and 90 PG Programmes in various disciplines in the University Departments and 41 UG and 57 PG programmes in Affiliated Institutions.

ABOUT THE DEPARTMENT

Department of Manufacturing Engineering (DoME) earlier known as Production Engineering Division was established in the year 1963. In 1978, during the formation of Anna University, B.E. Degree programme in Production Engineering was offered. Since the year 2002, the Department of Manufacturing Engineering was established and started offering B.E. Manufacturing Engineering, M.E. Computer Integrated Manufacturing & Ph.D programmes.

REGISTRATION FORM Faculty Empowerment Programme on Engineering Metrology and Computer Aided Inspection (EMCAI – 2023) (20th Feb 2023 to 25th Feb 2023)

Name :

Designation :

Qualification :

Age & DOB :

Experience :
(in years)

College Name :

Address of the
College :

Mobile :

E-mail :

Signature of
the applicant :

Dr./Mr./Ms.....
Is a faculty member of our institution. He/she
will be permitted to attend the programme, if
selected.

Signature of the Head
of Institution with Seal

Physical Mode - Six Day
Faculty Empowerment Programme
on
Engineering Metrology and Computer Aided
Inspection (EMCAI – 2023)
20th Feb 2023 to 25th Feb 2023

Co-ordinators

Dr. M. OMKUMAR
Dr. M. THIRUMAL AZHAGAN



Sponsored by

Centre for Faculty &
Professional Development
Anna University
Chennai – 600025

Organized by

Department of Manufacturing Engineering
College of Engineering Guindy
Anna University
Chennai - 600025

ABOUT THE FEP

The Faculty Empowerment programme aims to provide a platform to comprehend the concepts of Metrology and inspection through interactive sessions and hands – on experience. Engineering metrology deals with the applications of measurement science in manufacturing processes. Metrology provides a means of assessing the suitability of measuring instruments, their calibration, and the quality control of manufactured components. Any compromise in quality creates rapid negative sentiments in the market and the cost of recovering the original market position would be quite high. Hence, computer aided inspection plays a vital role today in ensuring the quality of the components produced.

COURSE COVERAGE

Standards of measurement and calibration

Limits, fits, tolerances and gauge design

Uncertainties in measurements and GD & T

Linear and angular measurements

Form measurements

Surface finish

CMM

Machine vision

Laser metrology

Nano metrology

Computer aided inspection

RESOURCE PERSONS

All the sessions will be handled by faculty members from IITs / Central / State Universities / Eminent persons from established institutions and people from the industries.

REGISTRATION

- The interested participants are requested to fill the form and obtain the signature of the Head of the institution and send the scanned copy of duly filled in Registration form to fepemcai2023@gmail.com
- Number of participants is restricted to 50
- Selection will be based on first come first serve basis
- Preference will be given in the order of Junior faculty, Assistant Professor, Associate Professor and Professor
- Selected candidates will be intimated by e-mail only. Also confirmation of participation is to be made by e-mail.
- No Registration fee.
- No TA/DA will be paid.

ACCOMMODATION

Accommodation will be provided on chargeable basis for outstation candidates.

For further details:

Phone: 044 22357713

Email: fepemcai2023@gmail.com

ORGANIZING COMMITTEE

CHIEF PATRON : **Dr. R. Velraj**
Vice Chancellor
Anna University

PATRON : **Dr. G. Ravikumar**
Registrar
Anna University

Dr. L. Suganthi
DEAN CEG
Anna University

CHAIR : **Dr. P. Vanaja Ranjan**
Director, CFPD

Dr. V. Adaikkalam
Addl Director, CFPD

CO-CHAIR : **Dr. B. Mohan**
Professor & Head
Dept. of Manufacturing Engg.

CO-ORDINATORS : **Dr. M. Omkumar**
Professor, DoME
Dr.M. Thirumal Azhagan
Asst. Professor (SG), DoME

ORGANIZING DEPARTMENT : **Department of Manufacturing Engineering**

IMPORTANT DATES

Submission of Application : **15th Feb 2023**

Intimation of Selection : **17th Feb 2023**

Confirmation by Participants : **17th Feb 2023**