Objective of the workshop:

The workshop is intended to provide opportunity to Faculty members, Research scholars and Industry participants to enrich their knowledge in the area of Modern Metrology.

About the workshop:

Based on the need of researchers and academicians in the area of Metrology, the Department of Manufacturing Engg. is proud to organize a 3 day National level workshop covering topics on advanced metrology. The Workshop is conducted in collaboration with leading Metrology equipment suppliers of the country. The growing competition level with continuously narrowing stringent allowances on product dimensions to achieve quality products make Metrology in Manufacturing an ever blooming field. The resource persons of the workshop have ample years of experience in the areas of Metrology and Manufacturing who shall cover recent trends in the major areas of metrology and inspection.

About Anna 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 there from, it fosters cooperation between the academic and industrial communities. UGC has credited Anna University with five star status in 2002.

About College of Engineering, Guindy:

College of Engineering, Guindy (CEG) in Chennai, India, is India's oldest engineering and technical institution, having been established in 1794. Today it is one of the four constituent colleges of Anna University. It's one of India's premier technical institution preferred by the eligible top scorers. It was started in May 1794 as a School of Survey and established as a college in 1859 under the Madras University, and is one of the oldest technical institutes in the world. It is the oldest engineering institute in India. It has link-ups with institutions and organizations like USAID, UNCHS, Ford Foundation, European Economic Community and the Governments of Germany and UK. It was the first college in the country to have its own postage stamp when the Indian postal service brought out a postage stamp to mark the 200th anniversary of the institution.

About Department of Manufacturing Engineering:

The Department of Manufacturing Engineering (DoME) plays an active part in the programmes offered by the prestigious Anna University. DoME was established in the year 2002(formerly known as the Production Engineering Division under the Department of Mechanical Engineering). DoME is well-committed to grooming technically competent Manufacturing Engineers and Research Testing & Consultancy in cutting edge technologies. Its major strength consists of brilliant and top class students, highly qualified and dedicated faculty members, state of the art infrastructure, modern laboratories, research oriented curriculum, well stocked Departmental Library and excellent training facilities. Research areas of DoME include CAD/CAM/CIM, Metrology and measurements, Robotics, Micro machining, Non-traditional machining, Nano materials, Rapid prototyping and Manufacturing etc.
Date: 3rd Oct 2012

Morning Session
- *Introduction to Metrology* - Measurement system Errors, Reference Temperature, Co-efficient of Thermal Expansion, Traceability, Calibration
- Elements of Calibration system
- ISO 9000 Certification Vs ISO 17025 Accreditation

Afternoon session
- Form measurements and advanced equipments in non contact surface texture measurement-Roughness Parameters

Date: 4th Oct 2012

Morning session
- Form measurements- Roundness, Cylindricity, Flatness, Parallelism etc
- Anna University Lab visit

Afternoon session
- Metrology Lab visit to TESPA CALIBRATION CENTRE

Date: 5th Oct 2012

Morning Session
- ISO 17025 : 2005 Clauses
- Accommodation and Environment requirements of Calibration Labs
- Geometric Dimensioning & Tolerance
- Discussions / Interactions

NATIONAL WORKSHOP ON ADVANCED METROLOGY IN MANUFACTURING ENGINEERING [ AM²E ]
3rd to 5th October 2012
APPLICATION FORM

NAME:
DESIGNATION:
ORGANIZATION:
ADDRESS:

PHONE:
EMAIL:

DECLARATION:
The information given is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop. If selected, I shall attend the workshop for the entire duration.

Place:
Date:
Signature of the applicant

Sponsorship Certificate:
Mr. / Ms. / Dr. _____________________ is an employee of our institute / Organization and is hereby sponsored for the above workshop. He / she will be permitted to attend the course, if selected.

Place:
Date:
Signature of the Sponsoring Authority

The Coordinators
National Workshop on Advanced Metrology in Manufacturing Engineering
Department of Manufacturing Engineering
College of Engineering, Guindy
Anna University, Chennai—25.

For registration related information, contact
Phone: 044—2235 7713, 7714, 7700
Email id: om@annauniv.edu & hari@annauniv.edu

Speakers:
From the leading Metrology Industries with vast experience.

Important dates:
Receipt of Applications(Extended) : 28.09.2012 (upto 5pm)
Intimation of selection : 28.09.2012 (after 7pm)

Registration:
Registration fee- Nil.
Registration will be done on "FIRST COME FIRST SERVE" basis. As seats are limited, early registration is recommended. Lunch will be provided at the workshop. Accommodation should be arranged by the participants themselves. Please mail your registration form to

Gauge Blocks
Non contact measurements
Measurement Uncertainty and exercises
Robotics application in inspection

Evening: Certificate distribution and valedictory