ORGANIZING COMMITTEE

Chief Patron
Prof. Dr. M Rajaram,
Vice Chancellor,
Anna University, Chennai

Patron
Dr. S. Ganesan,
Registrar,
Anna University, Chennai

Chair
Dr. M. Saravanakumar,
Dean – Regional Centre,
Anna University,
Regional Centre,
Coimbatore.

Course Coordinators
Dr. K. Soorya Prakash,
&
Dr. M. Sakthivel.
Department of Mechanical Engineering,
Anna University Regional Centre Coimbatore,
Maruthamalai Main Road, Navavoor,
Coimbatore- 641046 ,Tamil Nadu.

NATIONAL LEVEL
TWO DAYS WORKSHOP
on
Advanced Nano Composite Materials:
Characterization and Applications

22-09-2015 & 23-09-2015

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 there from, it fosters cooperation between the academic and industrial communities.

Anna University, which is of the affiliated type, is a member of the Association of Indian Universities, the Association of Commonwealth Universities and Partner of UNESCO International Center for Engineering Education (UICCE). With proven capabilities both in academic and research areas, Anna University has been able to impart quality and excellence in Technical Education.

Anna University has four regional centers at Coimbatore, Madurai, Tiruchirapalli and Tirunelveli to spearhead the academic activities throughout the state.
ABOUT THE DEPARTMENT
Anna University, Regional Centre- Coimbatore is functioning at Navavoor, Maruthamalai main road, Coimbatore. The centre has nine PG departments and offers twenty one PG Programmes. The Department of Mechanical Engineering was established in the year 2007. The Department offers M.E. degree programmes in Engineering design, Manufacturing Engineering, Industrial Engineering in full time mode and Engineering Design, , Industrial Engineering, Product Design and Development in part time mode. The department is equipped with excellent infrastructure to explore the technological challenges.

ABOUT THE WORKSHOP
Structure and Characterization of Materials plays an imperative role in comersilization of any manufacturing technique. With this in mind a two days national workshop on ‘Advanced Nano Composite Materials Characterization and Applications’ was designed to demonstrate the relevance and importance of key materials, characterization methods and its application. The workshop is so designed that it would create an awareness on this emerging topic to the teachers, scholars and industrial practitioners. This workshop will definitely provide a brief introduction to the structure of materials and its relevance to the properties and hence applications followed by a short description of diffraction, imaging, and spectroscopy principles.

COURSE CONTENTS
- Need for material testing in composite and nano materials
- Study on Chemical Composition of Materials
- Importance of material testing in composite and nano materials
- Surface Characterization of Materials
- Mechanical Characterization of Materials
- Microstructural Characterization of Materials
- Transmission Electron Microscope
- Atomic Force Microscope
- Practical Session - SEM / TEM

Delegant speakers from prestigious institutions like IITs and various Research Organisations are there to share their knowledge

IMPORTANT DATES
Last date for receiving Application: 16.09.2015
Intimation of selection : 18.09.2015
(By email only)

HOW TO REACH CAMPUS
Anna University Regional Office is located about 12 km from Coimbatore Junction / Central Bus-stand on the Maruthamalai Road, Coimbatore. Buses are frequently available from Gandhipuram Town Bus Stand to Maruthamalai and get down at Navavoor Pirivu Bus Stop.

REGISTRATION
Interested applicants are requested to fill the registration form using the link http://goo.gl/forms/13MeG5Z03M
The applicants are requested to send a hard copy of the duly filled in registration form along with demand draft to the workshop coordinator on or before 16.09.2015.

REGISTRATION FEE
PG Students : Rs. 300/-
Research Scholar/Faculty : Rs. 500/-
Industry delegates : Rs.1000/-
Registration fee includes Proceedings, working lunch and refreshments.

DD should be drawn in favour of “Mechanical Engineering Association” Payable at Coimbatore, Tamil Nadu.

CONTACT ADDRESS
The completed registration form along with DD to be sent to The Coordinator “Advanced Nano Composite Materials”
Department of Mechanical Engineering Anna University, Regional Centre, Coimbatore, Maruthamalai main road, Navavoor, Coimbatore-641 046.
Contact No: +91 9489600652
+91 9626353275
Email ID: ancmca2k15@gmail.com