

TEQIP II Sponsored One Week
Faculty Development Programme
on

**ADVANCED METAL JOINING
TECHNOLOGY**

21.10.2016 to 27.10.2016

REGISTRATION FORM

Name :

Designation :

Type of Institution: TEQIP / NON-TEQIP / INDUSTRY

Office Address :

Mobile :

E-mail :

DD Details

Amount : Rs.

DD No. :

DD Date:

Bank Name:

DECLARATION

I _____ agree to abide by the rules & regulations governing the training programme. If selected, I shall attend the programme for the entire duration. The information provided herewith is true to the best of my knowledge.

Date: _____

Place: _____ **Signature of Applicant**

Signature of Sponsoring Authority with seal

ORGANIZING COMMITTEE

Chief Patron : Dr. S. R. K. Prasad
Correspondent, CIT.

President : Dr. R. Prabhakar
Secretary, CIT.

Patron : Dr. V. Selladurai
Principal, CIT, Coimbatore.

Organizing Secretary : Dr. N. Murugan,
Professor of Mech. Engg., CIT.

Joint Secretaries : Dr.R. Sathiskumar,
Asst.Prof. of Mech. Engg., CIT.
Mr. M. Karthikeyan,
Asst.Prof. of Mech. Engg., CIT.

**ADDRESS FOR REGISTRATION &
CORRESPONDENCE**

Dr. R. SATHISKUMAR
Asst. Professor

Department of Mechanical Engineering
Coimbatore Institute of Technology
Coimbatore -14.

Mob: +91- 9943350848

Email: sathiscit2011@gmail.com

Mr.M.KARTHIKEYAN

Mob. : +91- 9578814723

Email: muthukarthi.cit@gmail.com

TEQIP – II Sponsored
One Week
Faculty Development
Programme

On

**ADVANCED METAL
JOINING TECHNOLOGY**



21st to 27th October 2016

Organized by



**DEPARTMENT OF MECHANICAL ENGINEERING
COIMBATORE INSTITUTE OF TECHNOLOGY**

CIVIL AERODROME POST

COIMBATORE

TAMIL NADU – 641014

ABOUT THE INSTITUTION

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting Technical and Scientific Literacy, established Coimbatore Institute of Technology (CIT) in 1956. CIT is one of the most reputed and prestigious educational Institutions in South India. The Institute features strong Academic-Industrial Interaction and a high quality of research and consultancy. The Institute has the services of competent and qualified faculty, and the guidance of a visionary management to enhance the quality of education at all levels and maintains its preeminent position in emerging globalization.

ABOUT THE DEPARTMENT

One of the founding departments of CIT, the Mechanical Engineering Department has played a leading role in evolving an 'Engineering Science' based curriculum. Today, the department of mechanical engineering of CIT attracts and features an extraordinary rich diversity and quantity of talented individuals. Apart from teaching, the faculty of Mechanical Engineering actively pursue research through graduate students and research scholars. Over the years, interaction with industry and the emphasis on applied engineering has increased.

The Mechanical Engineering Department of CIT has been a pioneer in establishing Manufacturing Science Research Cell for dedicated research in the field of additive manufacturing process. To its credit a lot of researchers are carrying out their PhD work here.

ABOUT THE COURSE

Welding is one of the oldest materials processing technologies, but still an ever green technology, which has evolved day by day. The modern industrial scenario has proven that welding is inevitable to produce any product. Starting from space crafts, automobiles, mobile phones and even a small pen drive uses any one of the welding or its allied processes. The main objective of the course is to provide basic knowledge about various fusion and solid state welding processes and also provide an in-depth knowledge about the latest trends in the field of welding technology.

TENTATIVE TOPICS TO BE COVERED

The course will cover the following topics

- Overview of Welding Processes & Materials
- Welding Techniques and Emerging Trends
- Welding Metallurgy of Ferrous & Non-Ferrous Materials
- Welding Design and Residual stress & Distortion
- Advancements in Fusion and Solid State Welding of metals and non-metals
- Applications of Finite Element Method in welding
- Surfacing – Friction, GMAW, SMAW, Plasma
- Friction Stir Welding / Processing
- Friction Stir Additive Manufacturing
- Metal Matrix Composites using FSP

RESOURCE PERSONS

Eminent experts from BHEL, IGCAR, IITs, IISc, NITs and Scientists from research organizations will share their expertise.

ELIGIBILITY CRITERIA

Young Faculty members from Departments of AICTE approved Institutions and practising engineers from industry can apply. Eligible participants are requested to send the filled application and sponsorship certificate to the address for the correspondence on or before the last date. Selection will be on first come first served basis with the total intake limited to 40 Nos.

REGISTRATION

The registration fee for

Engineering (TEQIP) Institutions : Rs. 500/-
Engineering (Non TEQIP) Institutions: Rs. 1000/-
Industrial Participants : Rs. 2500/-

The payment should be made by means of a DD drawn in favour of "The Principal, Coimbatore Institute of Technology, Coimbatore-641014, payable at Coimbatore". The filled-in registration form is to be sent along with the DD to the Organizing Secretary. The registration fee will be reimbursed for participants from TEQIP institutions.

IMPORTANT DATES

Receipt of Application : 15.10.2016

Intimation of Selection : 17.10.2016