

Registration Form

To

Dr. K.Marimuthu,  
Associate Professor,  
Department of Mechanical Engineering,  
Coimbatore Institute of Technology,  
Coimbatore - 641 014.

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Sir,

I am interested in attending the residential course on  
“RECENT ADVANCEMENTS IN COMPOSITES”

Name:

Designation:

Organization:

Willing to stay in the hostel campus: Yes / No

Official Address:

Mobile/Telephone:

Email:

Signature:

Date:

Signature of Head of the institution with seal

**Coordinator:**

Dr. K.Marimuthu, Ph.D.  
Associate Professor,  
Department of Mechanical Engineering,  
Coimbatore Institute of Technology.

**Co-Coordinator:**

Mr. S.Selvam, Asst Professor  
Mr.M.Karthikeyan, Asst Professor  
Mrs. G.Suganya Priyadharshini, Asst Professor  
Mr. C.Balaji Ayyanar, Asst Professor  
Department of Mechanical Engineering,  
Coimbatore Institute of Technology.

**For Communication:**

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**TEQIP Sponsored  
Five days residential  
course  
on**

**RECENT ADVANCEMENTS  
IN COMPOSITES**

**3<sup>rd</sup> to 7<sup>th</sup> November 2014**



**Organized by  
Department of Mechanical Engineering  
COIMBATORE INSTITUTE OF  
TECHNOLOGY**

(Government Aided Autonomous Institution  
affiliated to Anna University, Chennai)

**COIMBATORE- 641 014**

**TAMIL NADU, INDIA**

**Webpage: [www.cit.edu.in](http://www.cit.edu.in)**

### **THE INSTITUTE:**

Coimbatore Institute of Technology is a Government Aided Autonomous Institution started in the year 1956. It is affiliated to Anna University, Chennai. CIT has grown into a centre for academic and research excellence. The Institute has signed a number of MOUs with various universities like Oklahoma State University (USA), Texas Tech. USA and MNCs like IBM, Novell, Robert Bosch for faculty exchange, student exchange and research collaborations. Institute offers undergraduate, post graduate and research courses in various disciplines of Engineering and Technology.

### **THE DEPARTMENT:**

One of the founding departments of Coimbatore Institute of Technology (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, with nearly 500 undergraduates which includes full time and part time, 60 post graduate students and over 40 faculty members. The department served as a role model for many academic institutes in and around Coimbatore, Tamilnadu. Apart from teaching undergraduate and post graduate students, the faculty of Mechanical Engineering actively pursues research through graduate students and research scholars. Over the years, interaction with industry and the emphasis on applied engineering has increased. Continued

research and development have led to better machines and processes helping the mankind.

### **THE COURSE:**

The advent of light weight, corrosion and fatigue damage resistant composites was considered a major break-through which revolutionized the use of materials in many applications. Extensive research and development over the past two decades has made composites a production reality, vital to automotive, aerospace, medical, defense, space, sporting goods, electronic and marine applications. New application area will continue to open up, because composites can be tailored to specific requirements. The rapid advancement in the science of fibers, matrix materials, processing, interface surface, bonding and their characteristics on the final properties of composites have taken place in the recent years. The technological developments in composite materials are responsible for partially meeting the global industrial demand for materials with improved performance capabilities.

This course aims to make clarity on fundamentals, characterization and application of composite materials, which will be held for one week. The course is designed especially the basics and advances of polymer matrix composites, metal matrix composites and ceramic matrix composites.

### **REGISTRATION:**

After the confirmation by E-Mail, the participants shall pay the Registration Fee through a Demand Draft drawn in favour of "**The Principal, CIT**",

**Payable at Coimbatore and** submit it with filled Registration form to the Coordinator.

For participants from Industries : ₹. 7,000/-  
For Academic Institutions &  
Research scholars : ₹. 5,000/-

The fee includes admission to the technical session, accommodation at students' hostel, food and refreshments. Kindly fill the attached registration form and mail it to coordinators on or before **15<sup>th</sup> October 2014**. Selected participants will be confirmed by email on **18<sup>th</sup> October 2014**.

As seats are limited, early registration is recommended. First preference is given to research scholars. The selection will be based on first come first served basis.

### **INVITED SPEAKERS:**

- **Dr. Sabu Thomas**  
Mahatma Gandhi University, Kottayam.
- **Dr. Nandakumar Kalarikkal**  
Mahatma Gandhi University, Kottayam.
- **Dr. Bikramjit Basu**  
Indian Institute of Science, Bangalore.
- **Dr. C.M. Munjunadha,**  
National Aerospace Laboratory, Bangalore.
- **Dr. R. Subramanian,**  
PSG College of Technology, Coimbatore.
- **Dr. S. Kumaran,**  
National Institute of Technology, Trichy.
- **Dr. K. Jayabal,**  
Indian Institute of Information Technology,  
Kancheepuram.