

RESOURCE PERSONS

Eminent persons from IITs, NITs, Anna University, Government & Government Aided Institutions, and leading Scientific Organizations.

ELIGIBILITY AND SELECTION

Faculty from AICTE approved Institutions are eligible to participate in the Programme. The total intake is restricted to 50 and selection will be based on first come first served basis.

IMPORTANT DATES

- Receipt of Application: 28.04.2015
- Intimation of Selection: 30.04.2015

ALLOWANCE AND ACCOMMODATION

- TA/DA will be provided for out station faculty members as per AICTE norms

SPONSORSHIP

This is to certify that _____ is an employee of our Institution and is hereby sponsored for attending two week AICTE SPONSORED SUMMER WINTER SCHOOL SCHEME ON MANUFACTURING ENGINEERING at Coimbatore Institute of Technology, Coimbatore during 09-23 MAY, 2015. He/She will be permitted to attend the course for the entire duration if selected.

Place:
Date :

Signature with Seal
Head of the Institution

ORGANIZING COMMITTEE

Chief Patron

Dr. S. R. K. PRASAD,
Correspondent, CIT, Coimbatore

President

Dr. R. PRABHAKAR,
Secretary, CIT, Coimbatore

Patron

Dr. V. SELLADURAI,
Principal, CIT, Coimbatore

Organizing Secretary

Dr. C. ARUMUGAM
Associate Professor
Dept. of Mech. Engg., CIT

Committee Members

Dr. N. Murugan
Dr. R. Sivasubramanian
Dr. Sridhar Thyageswaran
Dr. V. Senthil
Dr. K. Marimuthu
Dr. N. Rajam Ramasamy
Dr. R. Rajesh
Dr. A. S. Krishnan

Address for Correspondence

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Coimbatore Institute of Technology
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AICTE SPONSORED TWO WEEKS

SUMMER WINTER SCHOOL SCHEME (SWSS) on MANUFACTURING ENGINEERING

09 - 23 MAY, 2015



Organizing Secretary
Dr. C. ARUMUGAM
Associate Professor

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING
COIMBATORE INSTITUTE OF TECHNOLOGY

(A Government Aided Autonomous Institution
affiliated to Anna University)

Coimbatore-641 014, Tamilnadu, India

Tel : 0422-2574071, 72

Website : www.cit.edu.in

ABOUT THE COURSE

This course introduces non-traditional manufacturing technologies, explains how products are made and describes how manufacturing problems are solved. The objectives of the course are to mould the young teachers in teaching-learning understanding of newer machining processes and to provide the knowledge about the significance of the environmental problems. This course is designed to improve the ability to perform manufacturing engineering evaluations and analyses rapidly and accurately. It will present the advanced knowledge and information in the following current trends in manufacturing and surveying.

COURSE TOPICS

- ✦ Finite elements analysis of newer metal machining
- ✦ Analysis of abrasive jet machining
- ✦ Rapid prototyping
- ✦ Fundamentals of newer machining processes
- ✦ Parallel robots an introduction in newer machining systems
- ✦ Electrical discharge machining
- ✦ Electrical discharge wire cutting
- ✦ Electrical discharge grinding
- ✦ Laser machining
- ✦ Metallurgical aspects of magnetically impulse arc butt welding



ABOUT THE INSTITUTE

Coimbatore Institute of Technology (CIT), started in 1956 by Sri. V. Rangasamy Naidu is reckoned for its academic and research excellence in engineering and technology. CIT is a Government Aided Autonomous In-situation affiliated to Anna University, Chennai. The institute has a reputation with service of competent well qualified faculty members and dynamic management to set highest standards in engineering research and development. CIT offers undergraduate, post graduate and PhD programs with curriculum of global standards, promoting the students to compete internationally. All the courses are accredited by NBA. The institute has celebrated its Golden Jubilee in the year 2006 and has collaborations with leading frontier universities and industries in India and abroad for promotion of innovative engineering ideas. CIT has laurel foliage on the head as an emblem of victory. Recently, CIT was awarded with the "Bizz-2012" the world business leader award and "ABP News National B-School awards" 2014 for outstanding Engineering Institution in South India.

THE DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering is one of the earliest departments in CIT, started in the year 1956. It offers programs right from under graduate to doctoral level. It was started in the year 1956 with Bachelor of Engineering, since then many quality engineers graduated from here, have served the society and the nation. It has moved further by adding Post graduate degree programmes in engineering in the field of Heat Power Engineering in 1965 and Advanced Manufacturing Technology in the year 2005. Doctorate Programme was started in the year 1972, and as on date it has awarded more than 70 PhD Thirteen out of thirty eight faculty members are doctoral degree holders from premier institutes including Indian Institute of Technology and Loughborough University, with the rest of them in the pursuit. There are 22 laboratories accounting for more than Rs. 6 Crores for research and academic work with a work force of 33 technical staff. The infrastructure and people together have been instrumental in producing more than 3000 quality engineers for the past 58 years through quality education.



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on

MANUFACTURING ENGINEERING

09 - 23 MAY, 2015

REGISTRATION FORM

Name :

Designation :

Department :

Address :

Phone :

E-mail :

Accommodation required : YES/NO

DECLARATION

I _____ agree to abide by the rules and regulations governing the training Programme. If selected, I shall attend the Programme for the entire duration. I undertake to inform the co-coordinator well in advance in case I am unable to attend the course. The information provided herewith is true to the best of my knowledge.

Signature of the Applicant