

ABOUT THE PROGRAMME

The Induction training programme on “**APPLIED MECHANICAL MEASUREMENTS**” is designed to enhance the knowledge of the participants in the field of Mechanical Measurements. The course has both theory and practical content. Practical laboratory sessions will impart hands on experience in use of state of the art measuring methods, computer aided data acquisition and analysis. The content of the course will also help those involved in research and product testing.

COURSE CONTENT

- Introduction to generalized Measurement System
- Use of Oscilloscope in dynamic measurements
- Review of Statistics in measurements
- Error Analysis
- Temperature Measurement
- Dimension Measurement
- Strain Measurement
- Pressure Measurement
- Flow Measurement
- Vibration Measurement
- Engine Instrumentation
- Computer aided data acquisition
- Use of MS EXEL in engineering experimentation

Maximum No of participants : 25

FACULTY

The theory and practical sessions of this programme will be handled by experienced faculty members of NIT, Tiruchy. A few lecturers will be handled by external resource persons from IITs and Industry.

ELIGIBILITY

Faculty members from technical institutions approved by AICTE and individuals working in industry or R&D organisations are also eligible to attend this programme. However, applicants working in AICTE approved engineering colleges are eligible for the TA, free Boarding & Lodging and their registration fee will be refunded.

REGISTRATION FEE

Participants from academic institutions :Rs.300/-
Participants from Industry, R&D Org. :Rs.5000/-

The registration fee must be paid by a cheque in favour of “The Director, NIT, Tiruchirappalli - 620015” and payable at SBI, NIT, Tiruchirappalli.

ACCOMMODATION

Accommodation will be provided in the NIT hostels.

TA FOR PARTICIPANTS

Maximum by 3-tier AC through shortest route will be paid to the participants on production of original tickets.

IMPORTANT DATES

Last date for receiving Application: 12.06.2009
Intimation of selection (By email only): 17.06.2009

REGISTRATION FORM

AICTE - MHRD

Sponsored

Faculty Development Programme on

APPLIED MECHANICAL MEASUREMENTS

29th June 2009 - 11th July 2009

1. Name :
2. Qualification :
3. Designation :
4. Gender : M / F
5. Department :
6. Organization :
7. Mailing Address:
8. Details of Registration Fee
Amount : Cheque No.:
Date :
Bank Name & Place:

DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the AICTE-MHRD Programme. I shall attend the course for the entire duration.

Place:

Date:

Signature of Applicant

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr. _____
is an employee of our institution and sponsored to attend the AICTE-MHRD FDP course, if selected.

Place:

Date:

Signature and
Seal of Sponsoring authority

ADDRESS FOR CORRESPONDENCE

Dr.R.Anand,
Lecturer & Course Coordinator,
Department of Mechanical Engineering
National Institute of Technology
Tiruchirappalli - 15.

Phone: 9894473437/ 9444838909

Fax: 0431 – 2500133

Email: lakdhas@nitt.edu / anandachu@nitt.edu

ABOUT THE INSTITUTE

National Institute of Technology (Formerly known as REC) Tiruchirappalli is in the center of Tamil Nadu. It was started as a joint and cooperative venture of Government of India and Government of Tamil Nadu in the year 1964.

HOW TO REACH US

Tiruchirappalli is well connected by Rail, Road and Air. The Institute is located in the Tiruchy-Tanjore High way 21Kms from the Tiruchy Railway Junction and Bus stand. The Tiruchy International Airport is located 25 Kms from the institute.

WEATHER

The weather in the month of June and July is expected to be warm and humid. No winter cloths are required.

ABOUT THE DEPARTMENT

Mechanical Engineering Department was established in the year 1964. Mechanical Engineering Department of NITT has had the reputation of being among the finest in the country and is dedicated towards the advancement of technology and



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Course Co-ordinators

Mr. K. Pannirselvam
Dr.L.A.Kumaraswamidhas
Dr. R.Anand



NIT, Trichy



AICTE, New Delhi

Organised by

DEPARTMENT OF MECHANICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620 015

Web: www. nitt.edu