

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*

Sponsoring application should be sent to the coordinator of the programme.

ADDRESS FOR CORRESPONDENCE

Dr.-Ing. M. Duraiselvam,
Assisant Professor & Course Coordinator,
Department of Production Engineering
National Institute of Technology
Tiruchirappalli – 620 015
Tamilnadu, India.
Phone : 0431 – 2503509 (O)
Mobile : 9994373486
Fax : 0431 – 2500133
Email : durai@nitt.edu

ABOUT THE INSTITUTE

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to cater to the needs of man-power in technology for the country. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development.

ABOUT THE DEPARTMENT

The Department of Production Engineering is one of the best in the country. Established in the year 1983, the department strives towards excellence in the fields of manufacturing and industrial engineering. The vision of the department is to become a center of excellence for learning, research and model manufacturing. It was declared as the best department of the institute for the year 2006-07. The department of Production Engineering offers B.Tech. (Production Engineering) M.Tech. (Manufacturing Technology, Industrial Engineering), M.S. and Ph.D. programs. The highly experienced faculty of the department contributes to the vital role in academic research. Many research papers have been published in reputed national/international journals and conferences by the faculty. Government of India has recognized this Department as a Centre for Quality Improvement Programme in PG and Ph.D. courses.

HOW TO GET TO NIT-TRICHY

NIT- Tiruchirappalli is located about 22 km from Tiruchirappalli Jn / Central Bus-stand on the Tiruchirappalli -Thanjavur Highway. The simplest and most economical way to reach NIT- Tiruchirappalli is by bus. Board Thanjavur bound route bus and get down at NITT. The journey time from Tiruchirappalli will be around 45 minutes.

AICTE - MHRD

Sponsored

Faculty Development Programme on

EMERGING INDUSTRIAL APPLICATIONS OF LASER

30th June - 12th July, 2008

Coordinator

Dr.-Ing. M. Duraiselvam

Mr. P. Parthiban



Organised by

**DEPARTMENT OF PRODUCTION ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI – 620 015**

TAMILNADU, INDIA.

OBJECTIVE OF THE PROGRAMME

This two week training programme organized for the faculties working in Engineering Institutions emphasize on the significance of emerging industrial applications of laser. The importance of non-contact processing, elimination of finishing operations, adaptability to automation, reduced processing cost, improved product quality, greater material utilization, minimal heat-affected zone and green manufacturing are to be dealt. This course encompasses to realize innovative design with high flexibility and high processing speed of Laser Materials Processing in manufacturing processes. The objectives are

- ❖ To create awareness for the faculty members from various engineering colleges about Laser-assisted processing of material which is one of the emerging fields in advanced manufacturing.
- ❖ To introduce recent technology developments in laser processing of materials and research opportunities.
- ❖ To give an exposure to the participants about the various fields, where the laser material processing is extensively employed.

COURSE CONTENTS

The following topics will be covered in the course:

- ◆ Laser Surface Engineering
- ◆ Laser micromachining / Drilling
- ◆ Laser welding
- ◆ Laser cutting
- ◆ Laser marking / Engraving
- ◆ Laser cleaning

FACULTY

The course faculty includes resource persons from various institutions, industries and R&D like IITs, NITs, BHEL and WRI.

ELIGIBILITY

Faculties from degree level technical institutions approved by AICTE and individuals working in industry or R&D are eligible to attend the programme. However, applicants working in AICTE approved engineering colleges are eligible for the TA, Boarding & Lodging and registration fee will be refunded.

REGISTRATION FEE

Participants from academic institutions :Rs.300/-

Participants from Industry, R&D Org. :Rs.1500/-

The registration fee must be paid by DD in favour of "The Director, NIT, Tiruchirappalli - 620015" and payable at SBI, NIT, Tiruchirappalli.

ACCOMMODATION

Accommodation will be provided in the hostel.

TA FOR PARTICIPANTS

Maximum by 3-tier AC through shortest route will be paid to the participants, provided tickets should be enclosed in the claim form.

IMPORTANT DATES

Last date for receiving Application

26 - 06 - 2008

Intimation of selection (By email only)

28 - 06 - 2008

Additional registration forms may be photocopied or downloaded from the website www.nitt.edu

REGISTRATION FORM

AICTE - MHRD

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EMERGING INDUSTRIAL APPLICATIONS OF LASER

30th June - 12th July, 2008

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