

**Short Term Course on
Emerging Trends in Manufacturing
Technology**
(Sponsored by TEQIP II)
September 26th - October 1st, 2016

Registration Form

1. Name (in block letters):
2. Designation:
3. Department:
4. Organization:

5. Address for communication:

Mobile:

E-mail:

(Communication will be sent by E-mail only)

6. Sex: Date of Birth:
7. Academic Qualification:
8. Specialization:
9. Choice of Accommodation(Y/N):
10. Details of Registration Fee
Amount: DD No. :
- Bank Name:
- Date: Place:

Signature of the Applicant

**Short Term Course on
Emerging Trends in
Manufacturing Technology**

Sponsored by
**Technical Education Quality
Improvement Programme
(TEQIP-II)**

September 26th - October 1st, 2016

Coordinators

**Dr. P. Asokan
Dr. J. Jerald
Dr. C. Sathiya Narayanan**

Organized by



**DEPARTMENT OF PRODUCTION ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI-620 015
TAMILNADU**

SPONSORSHIP CERTIFICATE

Prof./Dr./Mr./Ms. _____
is an employee of our institute and his/her
application is hereby sponsored. The applicant
will be permitted to attend the short-term course
“**Emerging Trends in Manufacturing
Technology**” at NITT during September 26th to
October 1st, 2016, if selected.

Place:

Date:

Signature and Seal of Sponsoring authority

The duly sponsored application form should be mailed to:

ADDRESS FOR CORRESPONDENCE

Dr. J. Jerald & Dr. C. Sathiya Narayanan

Coordinators,

Department of Production Engineering,

National Institute of Technology,

Tiruchirappalli - 620015.

Email:

jerald@nitt.edu

csathiya@nitt.edu

Mobile:

+91-94425 30103

+91-98650 27102

ABOUT NIT TIRUCHIRAPPALLI

National Institute of Technology, 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 manpower in technology for the country. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development. The institute offers Undergraduate programmes in ten branches and Postgraduate programmes in twenty five disciplines of Science, Engineering & Technology, Management and Architecture, besides M.S. (by Research) and Ph.D.

ABOUT THE DEPARTMENT

Established in 1983, the Department of Production Engineering strives towards excellence in the field of Production and Industrial Engineering. The Department offers B.Tech. (Production Engineering), M.Tech. (Manufacturing Technology), M.Tech. (Industrial Engineering and Management), M.S. and Ph.D. programmes. State-of-the-art laboratories are available in the areas of Micro-machining, Forming, Welding, Casting, Robotics, CIM, CNC, Mechatronics, Modeling, Simulation, Ergonomics, Tribology, Composite materials and Operations Management. The department offers engineering consultancy in the areas of design, manufacturing and resource management.

IMPORTANCE OF THIS COURSE

Manufacturing Technology is a core area of Mechanical Engineering. Various manufacturing processes will be helpful to produce various products such as an aeroplane to a small pin. The manufacturing environment is being updated day-to-day with latest technology. This course focuses on the latest trends in various manufacturing operations such as machining, welding, forming, casting, coating, finishing etc. and also the various research issues in those current areas.

COURSE CONTENTS

- ✓ Various Manufacturing Processes
- ✓ Modeling of Manufacturing Processes
- ✓ Latest Trends Machining
- ✓ Trends in Welding
- ✓ Trends in Forming / Joining
- ✓ Additive Manufacturing
- ✓ Rapid Prototyping
- ✓ Micro/Nano machining
- ✓ Materials Technology
- ✓ Optimization for Manufacturing Processes

FACULTY

Faculty members of IITs/NITs and guest faculty members from other premier Institutions/ Industries will deliver lectures.

HOW TO REACH NITT?

NIT-T is located on the Trichy-Thanjavur Highways (NH-67) about 20kms from Trichy Central bus stand and Railway station. One can

avail city bus No.128 or Thanjavur bound buses from Central Bus Stand to reach NIT Tiruchirappalli. City buses are also available from Chathiram city bus terminal.

ELIGIBILITY

Faculty members from Technical Institutions, Research Scholars, PG students, Professionals working in Industry and Government Organizations are eligible to attend the course.

REGISTRATION DETAILS:

- The participants are requested to fill in the registration form, approved by the concerned authorities and send it to the Workshop Coordinators along with the **Demand Draft** for Rs.660/- drawn in favor of “**The Director, NIT Tiruchirappalli**”, payable at SBI, NIT, Trichy so as to reach us on or before **20.09.2016**.
- Registration fee includes: Course material, Food and refreshments.
- Accommodation will be provided in the institute hostel/guest house on payment basis subject to the availability.
- No TA/DA will be paid to the participants.

IMPORTANT DATES

Last date for receiving application: **20.09.2016**.

Intimation of selection (By E-mail only): **21.09.2016**

Note: Number of participants is limited to 40. Candidates will be selected on first come first serve basis.