

About NIT Trichy

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 for catering 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. Because of this rich experience, this institution was granted Deemed University Status with the approval of the UGC/AICTE and Govt. of India in the year 2003 and renamed as National Institute of Technology.

The institution offers Under Graduate Courses in ten branches and Post Graduate Courses in twenty one disciplines of Science, Engineering & Technology besides Ph.D. and M.S. (by research) in all the departments. The college is an example of cultural unity with students drawn from most of the states in the country. NITT is witnessing an exponential growth in R&D activities. Apart from a large consultancy work undertaken by our engineering departments, academic research gains its momentum day by day. Nearly 200 research scholars are undergoing their Ph.D. in various fields in all the departments. NITT has signed MOUs with industries and institutions in and abroad to promote collaborative research and consultancies.

Department of Mechanical Engineering

One among the first three departments to be established in 1964 in the institute, the 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 science. Keeping itself up to date with the latest developments and trends in the field and with

a dedicated faculty of highly qualified and experienced members in all streams of mechanical engineering, the department consistently strives to provide world class facilities for education and research. An interactive relationship is maintained between the students and staff which enable students to develop a sound foundation in the stream in a conducive environment. This is also reflected in our campus placement which has been 100% year after year with our students getting placed in the top industrial houses of the country.

The department has an excellent industrial interaction and contributes to the industry by offering consultancy and other services. Some of them are: Heavy Alloy Penetrator Project (HAPP), Oil and Natural Gas Corporation (ONGC), Indira Gandhi Centre for Atomic Research (IGCAR), Neyveli Lignite Corporation (NLC), Bharat Heavy Electricals Limited (BHEL), Gas Turbine Research Establishment (GTRE), and others.



Important Dates

Last date for receiving applications **25 August 2016**

Intimation of selection **26 August 2016**

Mode of Intimation Through Email only

TEQIP II Sponsored Workshop on Research Trends in Mechanical Engineering

29.08.2016 — 03.09.2016

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

Workshop Coordinators

**Dr. T. Ramesh
Dr. N. Siva Shanmugam
Dr. K. Sankaranarayananasamy**



Organized by

Department of Mechanical Engineering
National Institute of Technology, Tiruchirappalli
Tiruchirappalli — 620 015, Tamil Nadu
<http://www.nitt.edu/home/academics/departments/mech/>

Workshop Objectives

The theme of the Workshop on the Research Trends in Mechanical Engineering is “Mechanical Engineering Research” and it will broadly cover all disciplines of mechanical engineering like Engineering Design & analysis, Thermal Engineering, Manufacturing Engineering and Material Science & Engineering from fundamental research to technological applications. The workshop is being organized with an aim to provide a vibrant platform for academicians, researchers and industry personnel from related areas to share their knowledge and practical experience. This will definitely provide a multi-disciplinary forum for the exchange of knowledge and expertise in the recent developments in the field of Mechanical Engineering and its application to industry.

Workshop Contents

The following research topics will be addressed during the workshop:

- ◆ Bio-Medical Engineering
- ◆ Bio-Implants / 3D Printing
- ◆ Welding processes / Hot corrosion
- ◆ MEMS
- ◆ Composite Materials
- ◆ Metal Forming
- ◆ Food processing Technology
- ◆ Heat Transfer studies
- ◆ Alternative Fuels
- ◆ Ergonomics
- ◆ Micro / Nano Materials
- ◆ Micro and Nano Machining

Resource Persons

Sessions will be handled by Experts from NITs, IITs, IICPT and other R & D organizations.

Registration Details

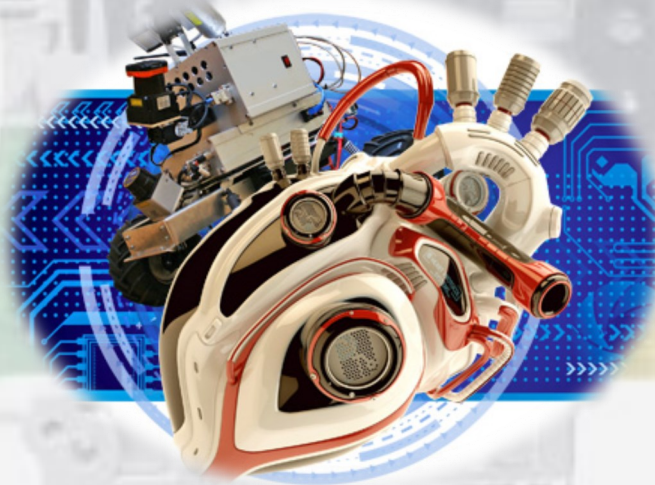
The participants are requested to fill in the registration form (downloadable from the institute website, www.nitt.edu), approved by the concern authorities and send it to the Workshop Coordinators along with the Demand Draft for **Rs. 660/- per participant** drawn in favour of “The Director, NIT Trichy”, so as to reach us on or before **25.08.2016**. The number of participants is restricted to 40 and the registration is based on first come first serve basis.

The participants are also requested to confirm their participation in the workshop by sending an e-mail to any of the coordinators before **27.08.2016**.

The participants will be provided free boarding and lodging. Accommodation will be arranged in the NITT Hostels.

Eligibility of Participants

Research scholars, academicians, field engineers, corporate and executives can participate in the workshop.



Registration Form

TEQIP II Sponsored Workshop on Research Trends in Mechanical Engineering

29.08.2016 — 03.09.2016

Name: _____

Designation: _____

Name & Address of Organization

Phone no: (O) _____ (R) _____

Mobile: _____

Email: _____

Educational Qualification: _____

Professional Experience: _____

Cheque / DD No. _____ Dated _____

for Rs. _____ Drawn in favour of “The Director, NIT Trichy” .

Date: _____

Place: _____

Signature: _____

The Cheque /DD together with registration form should be sent to

Dr. T. Ramesh & Dr. N. Siva Shanmugam

Workshop Coordinators

Department of Mechanical Engineering

National Institute of Technology

Tiruchirappalli — 620 015.

Tamil Nadu

Phone: 0431-2503418, 3425

Fax: 0431-2500133

Mobile: 9994339803, 9443649278

Email: tramesh@nitt.edu, nsiva@nitt.edu