

# Registration Form

Workshop on  
**Characterization of  
Materials for  
Advanced Applications**

4-6<sup>th</sup> August, 2016

Name:

Qualification:

Designation:

Teaching experience (in years):  
(for faculty members)

Course studying (for students & scholars)  
(M.Sc/M.E/ M.Tech/M.Phil/Ph.D)

Department:

Institution:

Mobile No.:

Email id:

Accommodation required: Yes/No

Mailing Address:

Signature of the Applicant

(The photo copy of the registration  
form can be used)

## Dates to Remember:

- Deadline for submitting registration form through email/post : 28.07.2016
- Intimation of acceptance : 29.07.2016

## Address for communication

Duly filled registration form has to be sent **by email (preferably) or by post** to the following address:

**Dr. M.C. Santhosh Kumar**

**Assistant Professor**

**Department of Physics**

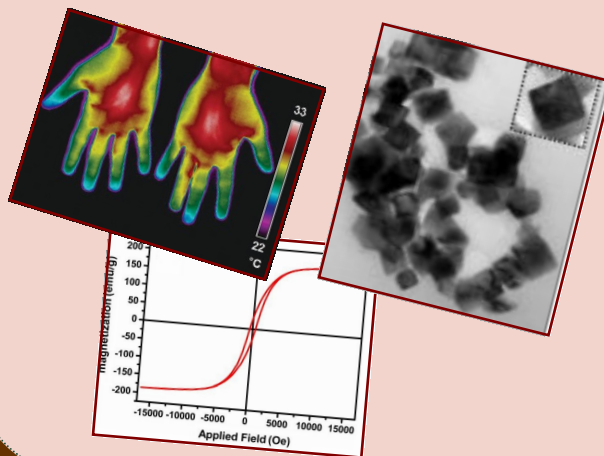
**National Institute of Technology**

**Tiruchirappalli - 620 015**

**Ph: 0431-2503611, 2503614**

**Cell: 9443843014, 9952848153**

**Email: wchomaa@gmail.com**



TEQIP-II Sponsored

## Workshop on Characterization of Materials for Advanced Applications

4-6<sup>th</sup> August, 2016



**Coordinators**

**Dr. M.C. Santhosh Kumar**

**Dr. R. Justin Joseyphus**

**Department of Physics  
National Institute of Technology  
Tiruchirappalli - 620 015**

## About us

National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, is one among the premier institutions of India and is well known for its high standards in teaching and research. Physics Department of NITT has been a well established department with vast experience in teaching Physics both at under graduate and post graduate level. It offers two PG programs namely M.Sc (Physics) and M.Tech (Non-Destructive Testing) in addition to the Ph.D programme. It also has strong research groups of faculty specialized in Crystal growth, Thin film technology, Lasers and Optics, Nano and other advanced Materials, Ferroelectrics, Spintronics, Chaos and materials Modelling etc.

## Program details

The objective of the workshop is to introduce the participants about conventional and advanced characterization techniques to the research scholars, teachers and post graduate students, which shall

help them to undergo project work and research efficiently. The workshop will include non-destructive characterization techniques such as magnetic particle inspections, ultrasonic testing, radiography testing and other advanced techniques. It shall also include techniques such as electron microscopy, magnetic characterization and other spectroscopic techniques to characterize materials used in advanced applications.

The program will consist of several lectures by faculty members from NITT and also from various reputed Institutions and Organizations. The programme schedule includes:

- Nondestructive characterization of materials
- Preparation and characterization of advanced materials
- Magnetic characterization
- Applications of metal oxide nanoparticles
- Advanced ultrasonics
- Transmission electron microscopy
- Synchrotron characterization of materials
- Atom probe characterization
- Radiography

## Eligibility

- Young faculty members from any Science / Engineering colleges
- Students pursuing Ph.D/M.Phil/M.E /M.Tech and M.Sc are encouraged to apply.
- Non-Destructive Testing Professionals

**Number of Participants are limited to 40, including internal participants.**

## How to register ?

1. An advance copy of the registration form as given in the attached format should be sent to the coordinators through email on or before **28<sup>th</sup> July, 2016**
2. The candidates selected for the program will be intimated through email on or before **29<sup>th</sup> July, 2016**

## Registration fee

The registration fee is Rs. 330

The participants shall pay the fees through DD in favour of The Director, NIT Trichy.

## Accommodation

Accommodation for limited number of outstation participants would be provided on shared basis in NIT guest house .