Registration Form

Workshop on
Characterization of Materials for Advanced Applications

4-6th August, 2016

Dates to Remember:

- 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

Accommodation required: Yes/No

Mailing Address:

Signature of the Applicant

(The photo copy of the registration form can be used)
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 undergraduate and postgraduate 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 28th July, 2016
2. The candidates selected for the program will be intimated through email on or before 29th 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.