



Completed registration forms should be sent to

Dr. L. CINDRELLA

Professor

Department of Chemistry
National Institute of Technology
Tiruchirappalli 620015

EMAIL: cind@nitt.edu

Phone: 0431 2503634

Last date for receipt of the registration form : 14.11.2014

**Intimation of acceptance:
17.11.2014**

Training Programme

on

Electrochemical Methods for evaluation of Nano materials

20.11.2014 - 21.11.2014



Organizer

Dr. L. Cindrella

Department of Chemistry
National Institute of Technology
Tiruchirappalli 620015
Tamilnadu

About Us

Department of Chemistry, National Institute of Technology, Tiruchirappalli, celebrates the Golden jubilee year of its inception in 2014. Apart from teaching, the Department is actively engaged in basic and applied research. The research activities of the Department are funded by MHRD, UGC, CSIR, DST, MOEF, BRNS, DRDO, etc. and the Department has a wide range of sophisticated instruments for supporting current trends in research.

About the Programme

Electrochemical methods find applications in qualitative and quantitative Chemistry. Specifically, cyclic voltammetry and electrochemical impedance spectroscopy play significant role in the evaluation of material components for electrochemical systems. Recently these methods are employed to assess the properties of nano materials as well. This training programme is intended to teach the participants the theory of voltammetric techniques and train them in the experimentation and interpretation of cyclic voltammetric and impedance spectroscopic results.

The topics to be covered in the training programme are :

- Cyclic voltammetry of reversible systems
- Cyclic voltammetry of non - reversible systems
- Electrochemical surface area of electrocatalysts
- Electrochemical Impedance spectroscopy
- Impedance spectrum of coatings and capacitors – Interpretation
- Equivalent circuits of EIS plots

Who can participate? Post graduate students, Research Scholars and Faculty members of Chemistry can participate.

Registration Fee: Rs.300/-

DD for Rs.300/- should be drawn in favour of "The Director, NIT, Tiruchirappalli.

A single DD towards the registration fee of multiple participants can also be sent along with the registration details of all those covered in the DD.

Registration Form Training Programme on

Electrochemical Methods for evaluation of Nano materials

20.11.2014 - 21.11.2014

Name:

Institution:

Address:

Email:

Mobile/Phone No:

Accommodation needed: Yes/No.
(Accommodation will be provided in the Institute Hostel subject to availability and the nominal accommodation charges will be borne by the participant)

Registration fee remittance details:

DD No.:

Rs.:

Bank:

Signature:

Date: