

Completed Registration form can be sent to either Course Coordinator:

Prof. Dillip K. Pradhan,
Department of Physics
National Institute of Technology,
Rourkela-769008
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OR

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DATE & TIME OF REPORTING

June 28, 2013, 8:30 AM
Department of PHYSICS
NIT, Rourkela.

For any further information regarding the programme, please contact the course coordinators. Soft copies of registration form can also be download from <http://www.nitrkl.ac.in> → Continuing Education.

COURSE CONTENTS

The short term course aims to include the following themes with particular emphasis on advanced methods of characterization techniques. The theoretical classes will be accompanied by experimental demonstrations.

- Vacuum science & applications
- Low temperature properties and their measurements.
- Superconductivity
- Magnetism and magnetic materials
- Dielectrics & Ferroelectrics
- Ferroelectric Phase transitions
- Complex impedance spectroscopy
- Thermal analysis

BOARDING & LODGING

Boarding, lodging and travel expenses shall be borne by the participants. Hostel or guest house accommodation may be provided for limited candidates on sharing basis, only on prior request. The candidates willing to avail this facility must send a DD (in advance) of
Rs. 150/- day for hostel
Rs. 350/- day for guest house

REGISTRATION FEES

Industry professionals - Rs. 5000/-
Faculties/Staffs: - Rs. 5000/-
Students - Rs. 3000/-

**All DD should be in favour of "Continuing Education, NIT Rourkela"

SHORT TERM COURSE

on

CHARACTERIZATION TECHNIQUES FOR MULTIFUNCTIONAL MATERIALS

June 28- 30, 2013



Coordinators

**Prof Dillip K. Pradhan,
&
Prof. P.N. Vishwakarma**

**Department of Physics
National Institute of Technology
Rourkela-769008
INDIA**

Website: <http://www.nitrkl.ac.in>

DEADLINES

**Submitting application: June 7, 2013
Notification of acceptance: June 12, 2013**

INTRODUCTION

Department of Physics at NIT Rourkela was established in 1961. Since its inception, the department is under dynamic progress and is reputed for imparting education both at under graduation and post graduation levels along with PhD and M.Tech (Research) program. At present, the various research activities of this department are in the area of low temperature physics, ferroelectrics & Dielectrics, Multiferroics, natural & synthetic polymers, soft condensed matter, semiconductors, nanotubes & graphene, superconductivity, magnetic materials, etc.

ELIGIBILITY

Working professional from Industries and faculty members and students of colleges recognized by AICTE, UGC, equivalent are eligible to attend the course. Local hospitality (with paid lodging) will be provided. No TA/DA will be provided.

LECTURE NOTES

To fully realize the objectives of the course, the lecture notes will be made available to the participants.

COURSE SCHEDULE & EVALUATION

This programme is scheduled to be held during *June 28 - 30, 2013*. The detailed timetable of course will be given at the time of reporting at NIT Rourkela, The successful participants would be provided a 'Course Completion Certificate'.

REGISTRATION

Candidates should complete the enclosed registration form and send it by email/post/Fax to the Coordinators. Confirmation of selected candidates will be on a first come first served basis up to a maximum of 30 candidates. The complete registration forms should reach the Coordinators by June 07, 2013.

RESOURCE PERSON

The resource persons constitutes experts from various disciplines of NIT Rourkela and several guest speakers from other reputed institutions and industries.

VENUE

Lectures classes will be held in Seminar Hall of Physics Department, NIT Rourkela .

Short Term Course on

CHARACTERIZATION TECHNIQUES FOR MULTIFUNCTIONAL MATERIALS

JUNE 28 - 30, 2013

Registration Form

Soft copies can be download from
<http://www.nitrkl.ac.in>.

Name: _____

Designation: _____

Organization: _____

Mailing Address: _____

Telephone: _____

Fax: _____

Email: _____

Educational Qualification: _____

Experience: _____

Accommodation in Campus: YES / NO

If yes, select any one, [Hostel / Guest house]

Signature of Applicant: _____