

Refresher Course for Teachers in PHYSICS

14th May to 27th May 2025 (14 days)



at
Department of Physics and
Astronomy

National Institute of Technology
Rourkela (NIT Rourkela)
Rourkela, Sundargarh-769008
Odisha

NITR Rankings - 2024



Department of Physics and Astronomy:

The Department of Physics and Astronomy (DPA) at NIT Rourkela, founded in 1964, has flourished into a vibrant hub of academic and research excellence. Engaged in pioneering studies across diverse fields like multiferroic materials, dielectrics, ferroelectrics, thin films, polymers, low-temperature physics, magnetic materials, carbon nanotubes, energy storage, graphene, and high-temperature superconductors, the department offers distinguished programs including a 5-year Integrated MSc, 2-year MSc, MTech by Research, and PhD. With over 200 students pursuing advanced studies, the department stands as a beacon of innovation and knowledge.

DPA NIT Rourkela offers a great opportunity for college and university faculty teaching **B.Sc. Physics**. A 14-day Refresher Course will be conducted for Physics. The unique feature of this training will be learning by doing theory and by hands on experiments. It will have more than 80 contact hours.

Course consists of:

Part – 1: Theory Classes:

Cryogenics and magnetism

Part 2: Experimental Physics:

Hands on experiments and demonstrations

How to Apply:

- Candidates should apply using the format available.
- The candidate is responsible for the correctness of the information provided in the application.
- A statement of purpose (SOP) explaining broad reasons of interest in this Course (not more than 500 words).
- Filled form and SOP must be saved as PDF and emailed to daptarygn@nitrrkl.ac.in
- The subject of your email should be “**College (B.Sc.) Teachers Refreshers Course in Physics - (your name)**”.

- Last date for submitting the application is May 01, 2025.
- Selected candidates will be informed by May 03, 2025. Registration fee for selected candidates: Rs 2000/-.
- No TA, DA will be provided to the participants. Participants have to arrange their own accommodation and food. However, limited shared accommodation may be made available (subject to availability) on a subsidized rate in the Institute Guesthouse / Guest Rooms of Hostels on request on a first come first serve basis.
- Account No: 10138951784, Ac/Name: CONTINUING EDUCATION NIT ROURKELA, IFSC No: SBIN0002109, Branch: State Bank of India, NIT Campus Rourkela.