



NCP Physics Education Program

Announcement of First Refresher Course for Physics Teachers “Problem Solving and Concept Development”

August 01-20, 2016

Organized By

National Centre for Physics (NCP), Islamabad, Pakistan

Introduction

The National Center for Physics is starting a program to improve the knowledge base and teaching skills of educators at the Masters/BS level. The program aims in particular at addressing the needs of physics teachers at newly established universities or recently initiated BS/M.Sc. programs. The focus of the program is to address the issues being faced by teachers in concept development and in problem solving as a basic part of physics education. For this purpose, the NCP will organize a three week course at its premises from 1st to 20th August 2016. The course will consist of lectures, problem solving sessions and discussions with experienced faculty members from NCP, QAU and COMSATS etc.

- This first course will cover the following 3 major disciplines at the M.Sc. level:
 1. Mathematical Physics
 2. Classical Mechanics
 3. Electromagnetism
- The course will be intensive with 6 interaction hours per day and selected participants would be expected to attend with full seriousness. Performance and participation will be assessed and Certificates of Participation and achievement will be awarded.
- Applications are invited from physics teachers at the M.Sc. and BS levels having at least a M.Sc. degree.
- Boarding and lodging for outstation participants would be provided free of cost.
- Due to a limited number of seats (40), participation is on first come first serve basis.

Participation

Teachers preferably at the Master's level and those involved in BS teaching are encouraged to apply. There is no registration fee for participation. Local hospitality and partial travel support will be provided to the selected participants.

How to Apply

Application form is available at <http://www.ncp.edu.pk/frcpt-2016.php>. Application forms should be submitted to the activity secretariat not later than **June 25, 2016**. List of applicants shortlisted / accepted by the Directors will be posted at NCP website. The short listed applicants will also be informed by email once the selection procedure is completed.

For further Information, Please Contact:

Activity Secretariat: caad@ncp.edu.pk

Manager (Scientific Event Mangement)

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Program Director

Dr. S. Khurshid Hasanain (NCP)

Program Co-Director

Dr. Mohsin Siddiq (NCP)

Participating Faculty

S. Khurshid Hasanain (NCP)

Mohsin Siddiq (NCP)

Waqas Masood (COMSATS)

Jamil Aslam (QAU)

Abid Hasan (COMSATS)

Ali Ahmed (NCP)

Ishfaq Ahmed (NCP)

M. Junaid (NCP)

Usman Hassan (NCP)

Ambreen Uzair (NCP)

Organizing Committee

Nazia Batool

Rabia Jehangir

Naveed Imran

Riffat M. Qureshi

**Application
Deadline**

June 25, 2016