

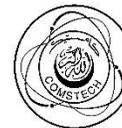


NCP Physics Education Program

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

2nd Module June 20 – July 12, 2019

Organized by
National Centre for Physics, Islamabad



Introduction:

The National Centre for Physics has been conducting since 2016 an annual program to improve the knowledge base and teaching skills of educators at the Masters/BS level. 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. Currently the Second Course is in progress. The First Module of the current Course was conducted in June - July 2018. In continuation, the NCP will organize the 2nd module of this Refresher Course at its premises from 20th June to 12th July, 2019. The course will consist of lectures, problem solving sessions and experimental demonstrations, conducted by experienced faculty members from NCP, QAU, COMSATS and NUST.

1. The current Module will cover 3 major disciplines at the M.Sc. level, namely
 - **Mathematical Methods**
 - **Quantum Mechanics**
 - **Thermal Physics**
2. Selected lectures and demonstrations of homemade physics teaching experiments.
3. 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.
4. Due to a limited number of seats selection will be based on academic and teaching record.

Participation

Applications are invited from all parts of the country from those who are teaching physics at the M.Sc. or BS levels and having at least a M.Sc. degree. Boarding and lodging for outstation participants would be provided free of cost. There is no Registration fees for participation. Partial travel support will be provided to selected participants

How to Apply

Application form is available at <http://www.ncp.edu.pk/srcpt-2019.php>. Application forms should be submitted to (caad@ncp.edu.pk) not later than **May 16, 2019**. 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)
Collaborations & Academic Activities Department (CAAD)

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Program Directors

Prof. S. Khurshid Hasanain
(Advisor, COMSTECH)
Dr. Mohsin Siddiq (Director TPD,
NCP)

Participating Faculty

Theory

Dr. Waqas Masood (COMSATS)
Dr. Mansoor ur Rehman (QAU)
Dr. Rizwan Khalid (NUST)
Dr. Fakhar ul Inam (COMSATS)
Dr. Tasawar Abbas (COMSATS)
Dr. Naeem Shahid (NCP)
Dr. Ayesha Khaliq (NUST)
Faculty of Theoretical Physics
Directorate, NCP

Experiments

Prof. Arif Mumtaz (QAU)

Organizing Committee

Dr. Ali Ahmad
Dr. Naeem Shahid
Nazia Batool
Rabia Jehangir
Naveed Imran

Course Coordinator

Dr. Shabbir Ahmed
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**Application
Deadline
May 16, 2019**