



NCP Physics Education Program

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

1st Module June 25 – July 14, 2018

Organized by
National Centre for Physics, Islamabad

Introduction:

The National Centre for Physics has started a 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. The two modules of the First Refresher Course were successfully implemented in August 2016 and August 2017, respectively. The First Refresher Course was attended by over a hundred teacher from all over the Pakistan and AJK. The course will consist of lectures, problem solving sessions and discussions with experienced faculty members from NCP, QAU, COMSATS and NUST.

The program has received support from the Higher Education Commission (HEC) and OIC Standing Committee on Science & Technology (COMSTECH)

1. This Module will cover 3 major disciplines at the M.Sc. level, namely
 - **Mathematical Methods**
 - **Classical Mechanics**
 - **Electromagnetism**
2. 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.
3. 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

Online Application Form can be accessed at: <http://www.ncp.edu.pk/srcpt-2018.php>. The Application Form should be submitted by May 18, 2018. 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. Directorates of Education may send hard copies of nomination letters to the CAAD address below.

For further Information, Please Contact:

Activity Secretariat: caad@ncp.edu.pk

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Program Directors

Dr. S. Khurshid Hasanain
(COMSTECH)

Dr. Mohsin Siddiq (NCP)

Participating Faculty

Dr. M. Jamil Aslam (QAU)

Dr. Rizwan Khalid (NUST)

Dr. Abid Hassan (COMSATS)

Dr. Naeem Shahid (NUST)

Dr. Fakhar ul Inam (COMSATS)

Dr. Ishtiaq Ahmed (NCP)

Dr. Ali Ahmed (NCP)

Dr. Abdur Rehman (NCP)

Dr. M. Junaid (NCP)

Dr. Shaheen Iqbal (NCP)

Mr. Usman Hassan (NCP)

Ms. Ambreen Uzair (NCP)

Organizing Committee

Dr. A. H. Toor

Dr. Ali Ahmed

Dr. Shabbir Ahmed

Ms. Nazia Batool

Ms. Rabia Jehangir

Mr. Naveed Imran

**Application
Deadline
May 18, 2018**