



Science Academies' Refresher Course in Experimental Physics

20 June–5 July 2017

Sponsored by
Indian Academy of Sciences, Bengaluru
Indian National Science Academy, New Delhi
The National Academy of Sciences, India, Allahabad

In collaboration with
Department of Physics, G.B. Pant University for Agriculture and Technology,
Pantnagar, Uttarakhand

A Refresher Course in Experimental Physics will be held at G.B.P.U.A&T, Pantnagar, Uttarakhand, from 20 June to 5 July 2017 for the benefit of faculty involved in teaching undergraduate and postgraduate courses. Participants in this course will gain hands-on experience with about 25 experiments, with a low cost kit developed by the Indian Academy of Sciences, and manufactured by Ajay Sensors and Instruments, Bengaluru. These experiments are in (a) mechanics, (b) heat, (c) electricity both DC and AC, (d) magnetism, (e) relaxation, (f) phase sensitive detection technique and (g) nonlinear dynamics. This course is sponsored by Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi, and The National Academy of Sciences, India, Allahabad and hosted by G.B. Pant University for Agriculture and Technology, Pantnagar, Uttarakhand.

Refresher courses in Experimental Physics held so far have been highly successful and the experiments have been included in 125 institutions including universities, autonomous colleges and advanced scientific institutions involved in education. The course will be directed by Dr C. S. Sundar from IGCAR Kalpakkam. UGC has approved two-week Refresher Courses of good standing for promotion, vide notification F3-1/2009 dated 30 June 2010.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Engineering and Physics. Motivated students of B.Sc. and M.Sc. Physics courses with keen interest in Experimental Physics may also apply. The maximum number of seats will be 30. The participants from the nearby places will be preferred.

Selected participants will be paid actual fare by bus/train to and fro from their place of work not exceeding three tier AC railway fares. Out station participants will be provided boarding and lodging during the course.

Applications should be submitted **ONLINE** by clicking the following link.

<http://web-japps.ias.ac.in:8080/Refreshcourse/RCCCPHH.jsp>

A copy of the application form signed by the applicant should also be sent by post to: **The Course Coordinator**. In case of teachers, the form must also be signed and stamped by the Head of the applicant's institution stating that leave will be sanctioned if the applicant is selected for the course. A recommendation letter from a teacher is essential for student applicants. Scanned copies of the duly signed documents sent by e-mail will also be accepted.

Applications may be sent to: Dr R. C. Srivastava, Course Co-ordinator of Refresher Course in Experimental Physics, Professor, Department of Physics, G.B.P.U.A&T, Pantnagar 263 145, Uttarakhand, e-mail: rcsrivastava123@gmail.com, Phone: 094101 73061.

Last date for receipt of applications: **30 April 2017**.

Selected participants will be informed by: **10 May 2017**.