



Science Academies Refresher Course in Experimental Physics

Organized by



Department of Physics, Christ Church College, Kanpur (UP)
10–25 August 2017

Sponsored by

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

A Refresher Course in Experimental Physics will be held in Christ Church College, Kanpur, from 10 to 25 August 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 for the Indian Academy of Sciences, and manufactured by Ajay Sensors and Instruments in 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) non-linear dynamics. This course is sponsored by Indian Academy of Sciences, Bengaluru; Indian National Science Academy, New Delhi; The National Academy of Sciences, India, Allahabad and Christ Church College, Kanpur.

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, FASc, FNASc, FNA. 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 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 34.

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/RCMCMC.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:

Course Coordinator: Dr R. K. Dwivedi, Associate Professor and Head, Department of Physics, Christ Church P. G. College, Kanpur 208 001, UP; Contact Phone: 099369 66543; e-mail: rkdwivedi@hotmail.com.

Last date for receipt of applications: **1 July 2017**.

Selected participants will be intimated by **8 July 2017**.