



Forty-Sixth Refresher Course in Experimental Physics

at

Department of Physics, Christ Church College, Kanpur

1–16 February 2013

Sponsored by

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

This forty-sixth Course will be held from 1 to 16 February 2013, at the Department of Physics, Christ Church College, Kanpur for teachers in colleges and universities. A limited number of seats may also be available for B.Sc. III and M.Sc. I year students. Participants in this course will gain hands-on experience with about 25 experiments, some at the B.Sc. level and some at the M.Sc. level with a low cost kit developed for the Indian Academy of Sciences, Bangalore, and manufactured by Ajay Sensors and Instruments, Bangalore.

The objective of this Course is to give the participants hands-on training and discussion of the theory on selected experiments in the areas of thermal physics, mechanics, optics, electricity and magnetism, semiconductor physics and electronics. A variety of teaching methods like lectures, discussion and laboratory work will facilitate the learning process. The Course will be directed by Professor R. Srinivasan. Experienced and trained resource persons will help him during the Course. The Course will help the participants to gain and sharpen their skills in experimental physics and in fulfilling their role as better researchers and teachers.

Interested applicants may send their application with following details: name, date of birth, gender, academic qualifications starting from graduation onwards, office address, mobile, telephone number, e-mail, a statement indicating their reason for interest in participating in the course and their expectations from the Course and (in case of faculty) teaching and research experience, courses taught, positions held and a list of publications if any. In the case of teacher participants, the application should be forwarded by the Head of the department/institution stating that leave will be sanctioned if applicant is selected for the Course. The application should be sent to

Dr Rajesh K. Dwivedi, Course Coordinator, Department of Physics, Christ Church PG College, Kanpur 208 001, e-mail: sarcep2013@gmail.com, rkdwivedi@hotmail.com.

Selected participants will be intimated by e-mail by early December 2012.

Selected participants will be provided local hospitality and round trip actual bus/train fare (three-tier AC) by the shortest route. It has been brought to our attention that teachers in universities/colleges who attend Refresher Courses of **two-week** duration are also entitled to be considered for promotion.

Last date for receiving applications: **15 November 2012.**