



Science Academies 87th Refresher Course in Experimental Physics 10–25 May 2017 Goa University, Goa

A Refresher Course in Experimental Physics will be held at Goa University, Goa from 10 to 25 May 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 out of 40 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) 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.

Refresher courses in Experimental Physics held so far have been highly successful and the experiments have been included in 80 institutions including universities, autonomous colleges, and advanced scientific institutions involved in education. Over 1800 participants have been trained so far and more than a hundred kits have been sold.

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 number of seats will be about 30. Selected participants will be provided with travel assistance (limited to three-tier AC train fare), accommodation and local hospitality during the Course in addition to course material.

Interested applicants must submit their application **ONLINE** by clicking on the following link

<http://web-japps.ias.ac.in:8080/Refreshcourse/RCEPEP.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 K. R. Priolkar**, Course Coordinator, Refresher Course in Experimental Physics, Department of Physics, Goa University, Taleigao Plateau, Goa 403 206, e-mail: krp@unigoa.ac.in, Phone: +91-832-651 9084.

Last date for the receipt of applications: **15 March 2017**

Selected participants will be informed by: **17 March 2017**