



Science Academies' Refresher Course in Experimental Physics 12–27 November 2018 Goa University, Goa

A Refresher Course in Experimental Physics will be held at Goa University, Goa from 12 to 27 November 2018 for the benefit of faculty involved in teaching undergraduate and postgraduate courses. Participants in this course will gain hands on experience with about twenty five out of forty 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 and 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 more than 150 institutions including universities, autonomous colleges, and advanced scientific institutions involved in education. Over 2500 participants have been trained so far and more than two hundred fifty 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/SRP.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**, The 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 86696 09210.

Last date for the receipt of applications: **8 October 2018**.

Selected participants will be informed by: **10 October 2018**.