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## Science Academies' 92nd Refresher Course in Experimental Physics

at  
Goa University, Goa  
6–21 November 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 at Goa University, Goa from 6 to 21 November 2017 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 Bangalore. 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, Bangalore, 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 80 institutions including universities, autonomous colleges, and advanced scientific institutions involved in education. Over 2000 participants have been trained so far and more than hundred fifty kits have been sold.

Applications are invited from teachers with experience in teaching undergraduate and post-graduate courses in Engineering and Physics. Motivated students of BSc and MSc 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 A/c 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/EPG.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 applicants 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 403206. Email: [krp@unigoa.ac.in](mailto:krp@unigoa.ac.in), Phone: +91 832 6519084.

**Last date for the receipt of applications: 30th September 2017**

**Selected participants will be informed by: 3rd October 2017**

