



Science Academies 93rd Refresher Course in Experimental Physics November 07-22, 2017

Department of Physics, Indian Institute of Technology Patna, India

A Refresher Course in Experimental Physics will be held at the Department of Physics, Indian Institute of Technology Patna, Bihta, India from November 07-22, 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 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 about 150 institutions including universities, autonomous colleges, and advanced science institutions involved in education. Over 1800 participants have been trained so far and more than 250 kits have been sold. Prof. C.S Sundar (IGCAR, Kalpakkam) will be the Course Director and Prof. Utpal Roy, Department of Physics, IIT Patna, will be the Course Coordinator. It may be noted that UGC regulations include Refresher Courses in API scores for career advancement.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses and Ph.D. students 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 A/c train fare), accommodation and local hospitality during the course in addition to course material.

Interested applicants may submit their application ONLINE by clicking on the following link or MAY ALSO SEND THEIR APPLICATION THROUGH EMAIL (rcep-roy@iitp.ac.in) WITH THEIR RESUME UPLOADED.

<http://web-japps.ias.ac.in:8080/Refreshcourse/RWEPW.jsp#>

A copy of the application form and the resume signed by the applicant should be submitted to the Course Coordinator prior to the course, at the address given below. In case of teachers, the document must also contain a signed and stamped copy of the leave approval by the Head of the applicant's Institution.

Address for communication: Dr. Utpal Roy, Course Coordinator, Refresher Course in Experimental Physics, Head, Department of Physics, Indian Institute of Technology Patna, Bihta, Patna-801103.
e-mail: rcep-roy@iitp.ac.in, Phone: +91 612 3028030.

Last date for the receipt of applications: **Extended till 20th October, 2017**
Selected participants will be informed by: **21st October, 2017**