



## Science Academies' 100th Refresher Course in Experimental Physics



**Department of Physics, Panjab University, Chandigarh  
17 July to 1 August 2018**

A Refresher Course in Experimental Physics will be at the Department of Physics, Panjab University, Chandigarh held from 17 July to 01 August 2018 for the benefit of faculty involved in teaching undergraduate and postgraduate courses. The Course aims to familiarize the teachers with a set of new experiments developed as a low cost kit by the Indian Academy of Sciences to cater to the undergraduate and postgraduate levels. All the experiments verify physical laws and principles and yield reasonably accurate results. The Refresher Course is jointly sponsored by the Indian Academy of Sciences, Bengaluru; Indian National Science Academy, New Delhi; The National Academy of Sciences India, Allahabad.

Professor R. Srinivasan, a distinguished physicist, who has devised these experiments for the benefit of physics teachers and students in Indian universities has designed this Course. The Course comprising lectures, discussions and laboratory sessions will help participants hone their skills in experimental physics and enable them to introduce the experiments in their respective curricula. 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. More than 2000 participants have been trained so far and more than 250 kits have been sold. 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 in Engineering and Physics. Motivated students of B.Sc. final year (Non-Med) and M.Sc. Physics courses with keen interest in Experimental Physics may also apply. The participation of faculty and students from universities and colleges from north India is preferred. The number of seats will be about 30. Selected participants will be provided local hospitality during the Course in addition to course material. Outstation participants will be provided with travel assistance (limited to three-tier AC train fare).

Interested applicants must submit their application online by clicking on the registration link given.

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

A copy of the application form signed by the applicant should also be sent by post to **The Course Director**. 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.

All applications by post should be superscribed as: 'Application for Refresher Course in Experimental Physics'.

Last date for the receipt of applications: **28 June 2018**.

Selected participants will be informed by: **2 July 2018**.

Applications may be sent to: **Dr J. S. Shahi** (Course Director, Refresher Course in Experimental Physics), Department of Physics, Panjab University, Chandigarh 160 014, e-mail: shahijs@yahoo.com, shahi@pu.ac.in, Phone: 98156 12645.