



Science Academies' Refresher Course in Experimental Physics

Department of Physics, Panjab University, Chandigarh
18 December 2017 to 2 January 2018

A Refresher Course in Experimental Physics will be at the Department of Physics, Panjab University, Chandigarh held from 18 December 2017 to 2 January 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 and 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. 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 25. Selected participants will be provided local hospitality during the Course in addition to course material. Outstation participants will be given three-tier A/C train fare.

Applications should be submitted ONLINE by clicking the following link.

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

A copy of the application form signed by the applicant should also be sent by Post to The Course Director, **Dr J. S. Shahi**, Department of Physics, Panjab University, Chandigarh 160 014, e-mail: shahijs@yahoo.com, phone: 98156 12645.

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.

Last date for the receipt of applications: **8 November 2017**.

Selected participants will be informed by: **17 November 2017**.