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## Science Academies' Refresher Course in Experimental Physics

9–24 May 2017

Bahra University, Wahnaghat, HP

*Sponsored by Indian Academy of Sciences, Bengaluru*

*Indian National Science Academy, New Delhi*

*The National Academy of Sciences, India, Allahabad*

*In collaboration with Department of Physics, BAHRA University  
Wahnaghat, HP*

A Refresher Course in Experimental Physics will be held at Bahra University, Wahnaghat, HP, from 9th to 24th May 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 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, National Academy of Sciences, India, Allahabad and hosted by Bahra University, Wahnaghat (HP).

Refresher courses in Experimental Physics held so far have been highly successful and the experiments have been included in 125 institutions including universities, autonomous colleges, and advanced scientific institutions involved in education. The course will be directed by Dr C S Sundar (FASc). UGC has approved two-week Refresher Courses of good standing for promotion, vide notification. F3-1/2009 dated 30 June 2010.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Engineering and Physics. Motivated students of BSc and MSc Physics courses with keen interest in Experimental Physics may also apply. The maximum number of seats will be 34.

Selected participants will be paid actual fare by bus/train to and fro from their place of work not exceeding three-tier AC railway fares. Out station participants will be provided boarding and lodging during the Course.

Applications should be submitted ONLINE by clicking the following link:

<http://web-japps.ias.ac.in:8080/Refreshcourse/RCCCPH.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 Email will also be accepted.

Applications may be sent to: Dr Sandeep Kumar, Course Co-ordinator of Refresher Course in Experimental Physics, Associate Professor and Head, Department of Physics, Bahra University, P.O., Wahnaghat 173234, District Solan, Himachal Pradesh. Email: [sndp\\_bhardwaj@yahoo.com](mailto:sndp_bhardwaj@yahoo.com), Phone: 09459609246. Selected participants will be informed by: 1 April, 2017. **Last date for receipt of applications: 20 March, 2017.**

