



Sixty-First Science Academies' Refresher Course in Experimental Physics (16 June–1 July 2014)

Sponsored by
Indian Academy of Sciences, Bangalore
Indian National Science Academy, New Delhi
The National Academy of Sciences, India, Allahabad

In collaboration with



**The Department of Physics, School of Arts and Sciences,
Amrita Vishwa Vidyapeetham, Amritapuri Campus, Kollam**

A Refresher Course in Experimental Physics will be held at the Department of Physics, School of Arts and Sciences, Amrita Vishwa Vidyapeetham, Amritapuri Campus, Kollam, from 16 June to 1 July 2014 for physics faculty teaching undergraduate and graduate courses. With the aid of a low cost kit developed by the Indian Academy of Sciences, Bangalore, the Course aims to familiarize about twenty-five experiments at the B.Sc./M.Sc. level in mechanics, heat, electricity, AC circuits, dielectrics, magnetism, relaxation, phase-sensitive detection techniques using lock-in amplifier, nonlinear dynamics and phase transitions.

Professor R. Srinivasan, a distinguished experimental physicist, and a Fellow of Indian Academy of Sciences, who designed these experiments for the benefit of teachers and students will be the Course Director. These Refresher Courses, comprising lectures, laboratory sessions and discussions, 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 1200 participants have been trained and more than a hundred kits have been sold. UGC has approved two-week Refresher Courses of good standing for promotion of teachers, vide notification F3-1/2009 dated 30/06/2010.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in physics. The participation is limited to four southern states and preference will be given to (nearby) colleges in Kerala. The number of seats will be about 30. Selected participants will be provided with course material, local hospitality, and round-trip three-tier A/C train fare by the shortest route.

Interested applicants must submit their application form, which can be downloaded from the Course website:

http://www.amrita.ac.in/physics/rcep_2014_june_amrita

A copy of the application form signed by the applicant along with a recent detailed CV must be sent by post to **The Course Coordinator**. The form must also be signed and stamped by the Head of the applicant's Institution stating that leave will be sanctioned for attending the Course. A scanned e-copy of a signed application, complete in all respects, will also be considered for the selection process in case of any delays. Please see the application form for further instructions.

Course Director: Professor R. Srinivasan

Course Coordinator: Dr Ganesh Sundaram

Please send your applications to: **Dr Ganesh Sundaram**, Course Coordinator, 61st Refresher Course in Experimental Physics, Department of Physics, Amrita School of Arts and Sciences, Amrita Vishwa Vidyapeetham, Karunagappally, Kollam 690 525, e-mail: ganeshsundaram@am.amrita.edu; Phone: (0476) 280 1205.

Last date for receipt of applications: **5 April 2014**.
Selected participants will be informed by e-mail by **15 April 2014**.