



**Science Academies' Sixtieth Refresher Course in
Experimental Physics**
at
Department of Physics
University of Mumbai, Mumbai
in association with UM-DAE Centre for Excellence in Basic Sciences

3-18 June 2014

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

A Refresher Course in Experimental Physics will be held at the Department of Physics, University of Mumbai, Vidyanagari Campus, Mumbai in association with University of Mumbai-Department of Atomic Energy Centre for Excellence in Basic Sciences (UM-DAE CBS) from 3 to 18 June 2014 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 B.Sc. and M.Sc. levels. All the experiments verify physical laws and principles and yield reasonably accurate results.

Professor R. Srinivasan, a distinguished experimental physicist and a Fellow of the Indian Academy of Sciences, Bangalore has designed these experiments for the benefit of physics teachers and students in Indian Universities. 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.

Course Director: Professor R. Nagarajan

Course Coordinator: Dr Radha Srinivasan

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Engineering and Physics. A few seats are also available for motivated students of 3rd year B.Sc. and M.Sc. Physics courses and Ph.D. students with keen interest in Experimental Physics. The participation of faculty and students from universities and colleges from Western India is preferred. The number of seats will be about 25. Selected participants will be provided required local hospitality during the Course in addition to Course material. Outstation participants will be reimbursed three-tier A/c train fare to Mumbai and back by the shortest route.

Interested applicants must submit their application ONLINE by clicking on the following link.

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

A print copy of the application should be also sent through the Head of the Institution by speed post to: **Dr Radha Srinivasan**, Course Coordinator, 60th Refresher Course in Experimental Physics, Department of Physics, University of Mumbai, Kalina Campus, Santacruz (East), Mumbai 400 098 (Phone: +91 98209 26830/+91-22-2652 6250). In case of teacher applicants, the print copy to be forwarded by the Head of the Institution should state that leave will be sanctioned if the applicant is selected for the Course. Recommendation letter from a teacher is essential for student applicants.

For any other query, applicants can send an e-mail to: radhas@physics.mu.ac.in

Last date for the receipt of applications: **5 April 2014**

Selected participants will be informed by: **10 April 2014**