



## Information and Announcements

### Science Academies' Refresher Course in Experimental Physics\*

Department of Physics  
UIET, Chhatrapati Shahu Ji Maharaj (CSJM) University  
Kanpur (UP), 8-23, November 2021

*Sponsored by*  
Indian Academy of Sciences, Bengaluru  
Indian National Science Academy, New Delhi  
The National Academy of Sciences, India, Prayagraj

A Refresher Course in Experimental Physics will be held at the Department of Physics, UIET, CSJM University, Kanpur from 8 to 23 November 2021 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 Bengaluru. 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. All the experiments verify physical laws and principles and yield reasonably accurate results.

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 to 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 vide notification F3-1/2009 dated June 2010.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Engineering and Physics both at the college and university level. Motivated students of B. Sc. III and M. Sc. 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. Outstation participants will be provided boarding and lodging during the course. Applications should be submitted ONLINE by clicking the following link: <https://web-japps.ias.ac.in:8443/Refreshcourse/UIET.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 e-mail will also be accepted. **Last date for the receipt of applications: 20 October 2021. Selected participants will be informed by: 25 October 2021.** **Course Director: Prof. R. K. Dwivedi, HOD Physics, Christ Church College, Kanpur, Director, College Development Council, CSJM University, Kanpur 208 024** **Course Coordinator: Dr. Ram Janma, Assistant Professor, Department of Physics UIET, CSJM University, Kanpur 208 024, Email: [drramjanmaphyvn@gmail.com](mailto:drramjanmaphyvn@gmail.com), Phone: 7985255631, 9453394773**

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