



## Science Academies' Refresher Course in 'Experimental Physics' 1 to 16 February 2022

Organized by  
**Department of Physics**  
**Maharani Lakshmi Ammanni College for Women Autonomous**  
**Malleswaram, Science Post, Bengaluru 560 012, Karnataka**  
**Affiliated to Bengaluru City University**  
**Re-accredited by NAAC with 'A' Grade, Recognized by UGC**  
**Conferred the status of 'College with Potential for Excellence' by UGC**

*As a Part of Golden Jubilee Celebration*

Sponsored by  
**Indian Academy of Sciences (IASc), Bengaluru**  
**Indian National Science Academy (INSA), New Delhi**  
**The National Academy of Sciences, India (NASI), Prayagraj**

A Science Academies' Refresher Course in 'Experimental Physics' will be held in the Indian Academy of Sciences Annexe in Jalahalli, Bengaluru, from 1 to 16 February 2022 for the benefit of faculty involved in teaching undergraduate and postgraduate courses in Physics. Participants in this Course will gain hands on experience with about 25 experiments designed by Professor R. Srinivasan, for the Indian Academy of Sciences. The Course Director will be Professor R. Srinivasan, FASc, Mysuru.

mLAC is an institution of excellence located strategically in the vicinity of national institutes of repute, such as Indian Institute of Science, Institute of Wood Science and Technology, National Institute of Advanced Studies, Raman Research Institute and Central Power Research Institute. These acclaimed institutions serve as an ideal paradigm for mLAC on academic, scientific and other forefronts. Being located in the heart of Bengaluru city, the institution is well connected. mLAC has consistently focused on providing academically sound, practically relevant and value-based education for the all-round development of its students. Its superior facilities, dedicated human resources, and its characteristic dynamism in responding to the ever-changing expectations of students and employers worldwide have given mLAC a distinctive place on the map of higher education in Karnataka. It is now among the top destinations for young women, preparing to meet the challenges of the 21st century.

The Department of Physics was established in the year 1975. It is an active beehive of innovative experiments being carried out in a wide range of topics in physical sciences. Many types of equipment have been designed and constructed in the department for use in the laboratory. The Physics Department has state-of-art laboratories to cater to the students of undergraduate courses. The faculty members are actively engaged in research and outreach activities to create and promote interest in basic sciences among youth. The students are also provided varied opportunities to enhance their knowledge of the subject and encouraged to pursue higher education in Physics.

These Refresher Courses in Experimental Physics have been conducted in more than a hundred institutions so far including universities, autonomous colleges and advanced scientific institutions involved in education. The Course will enable the participants, through lectures and laboratory sessions, to enhance their skills in experimental physics, and facilitate them to introduce the experiments in their respective curricula. UGC has approved two weeks Refresher Courses of good standing for promotion, vide notification: F31/2009 dated 30 June 2010.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Physics. Third year B.Sc., 1 year M.Sc. Physics students and research scholars with keen interest in Experimental Physics may also apply. The number of seats will not exceed 34. Selected participants will be provided with round trip bus/train (III AC) fare by the shortest route and local hospitality during the Course, in addition to Course material.

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

<https://web-japps.ias.ac.in:8443/Refreshcourse/MEP.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.

**Applications may be sent to: The Course Coordinator-RCEP: Mr S. Akshay**, Assistant Professor, Department of Physics, Maharani Lakshmi Ammanni College for Women Autonomous, Malleswaram 18th Cross, Science Post, Bengaluru 560 012, Karnataka; e-mail: [refreshercourseinphysics22@gmail.com](mailto:refreshercourseinphysics22@gmail.com)

Last date for the receipt of applications: **31 December 2021**.

Selected participants will be informed by: **15 January 2022**.