



## **Ninth Refresher Course in Materials Preparation and Measurement of Properties**

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

The Ninth Refresher Course in Materials Preparation and Measurement of Properties will be held from 15 to 30 March 2018 at the premises of the Indian Academy of Sciences in Jalahalli, Bengaluru. This Course will provide hands-on experience in thin film preparation by evaporation and sputtering, making pellets of materials and attaching contacts, and measurement of thermal conductivity, thermal diffusivity, electrical resistivity of alloys of metals, thermoelectric, dielectric, piezoelectric, ferroelectric and magnetic properties, superconductivity, phase transitions and differential thermal analysis. The Course will be jointly directed by Dr T. G. Ramesh and Professor R. Srinivasan.

Refresher Courses in Experimental Physics conducted by Professor R. Srinivasan have been very successful.

Total number of seats in the Course will be about 25.

The Course is essentially meant for teachers in universities and colleges teaching physics or materials science. A few students studying I M.Sc. physics or materials science courses will also be admitted. It may be noted that UGC regulations include Refresher Courses in API scores for career advancement.

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

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

In the case of teacher applicants, a hard copy of the application should be forwarded to the Academy by the Head of the Institution stating that leave will be sanctioned if the applicant is selected for the Course.

Selected participants will be intimated by e-mail around **1 February 2018**. They will be paid the actual to and fro train fare not exceeding three-tier AC fare. Boarding and lodging in Bengaluru will be taken care of by the Academy.

**Contact address: The Coordinator**, Science Education Programme, Indian Academy of Sciences, C.V. Raman Avenue, Sadashivanagar, Bengaluru 560 080 (e-mail: sep@ias.ac.in)

Last date for receipt of applications: **25 January 2018**.