

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

**9 to 24 February 2016**

at premises of the Indian Academy of Sciences in Jalahalli, Bengaluru

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

The Fifth Refresher Course in Materials Preparation and Measurement of Properties will be held from **9 to 24 February 2016** 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 MSc physics or materials science courses will also be admitted. It has been brought to our attention that teachers in universities/colleges who attend Refresher Courses of two-week duration are also entitled to be considered for promotion.

Interested applicants must submit their application ONLINE by clicking on the following link:  
<http://web-japps.ias.ac.in:8080/Refreshcourse/RCMP5.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 email around **first week of January 2016**. They will be paid the actual to and fro train fare not exceeding three-tier AC fare. Boarding and lodging in Bangalore will be taken care of by the Academy.

**Last date for receiving applications will be 30 December 2015.**

