



# Science Academies' Refresher Course on Crystallography, Mineralogy, Igneous Petrology, Thermodynamics, Ore Geology and Organic Geochemistry

at  
**Indian Academy of Sciences Facility, Jalahalli, Bangalore**  
**17 September–1 October 2016**

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

The study of crystallography, mineralogy, petrology and thermodynamics are crucial to understand the nature and cause of diversity in rocks, the P–T condition of mineral and rock formation and the oxygen fugacity conditions and processes experienced by the rocks in reaching its present state. The proposed course broadly covers important subjects like thermodynamics, phase equilibria relations, mineralogy and crystallography with conceptual advances in this field. It also covers Organic Geochemistry and Ore Microscopy.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Geology. Teachers who wish to participate in the Refresher Course may apply through proper channel with the following details: name, date of birth, gender, e-mail, official and residential addresses, telephone numbers, academic qualifications, courses taught, affiliation, positions held and tenure. It is also essential to submit a brief statement (between 250 and 500 words) as to why they think the Course will help to improve their classroom teaching of Geology/Earth Science. Applications should be submitted **ONLINE** by clicking the following link:

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

A print copy of the application must also be sent by speed post forwarded by the Head of the institution. It shall reach **The Course Coordinator** before **25 June 2016**. Outstation candidates will be provided local hospitality and round trip bus/train (three-tier AC) fare by the shortest route.

**Course Director:**

**Professor Alok K. Gupta**, University of Allahabad, Allahabad 211 002, UP.

**Course Coordinator:**

**Dr T. D. Mahabaleswara**, Coordinator (RC&LW), Science Education Panel, Indian Academy of Sciences, C. V. Raman Avenue, Sadashivanagar P.O., Bengaluru 560 080, e-mail: sep@ias.ernet.in.