A School on
Basics of Magnetism and Investigations of Magnetic Properties of Materials using Synchrotron Radiation

March 24–28, 2014

Raja Ramanna Centre for Advanced Technology, Indore

Raja Ramanna Centre for Advanced Technology (RRCAT) is the home of two synchrotron sources in India: Indus-1 and Indus-2, which are national research facilities. In order to facilitate the utilization of these facilities and enhance the synchrotron radiation users base, RRCAT has been organizing regular interaction meetings with leading scientists and researchers from different parts of the country on various topics related to experiments, which can be carried out using these synchrotrons.

In this series of interaction meetings, a school on "Basics of Magnetism and Investigations of Magnetic Properties of Materials using Synchrotron Radiation" is scheduled from March 24–28, 2014. The programme of the school will include pedagogical lectures on magnetism, surface/ bulk magnetism, resonant magnetic scattering and dichroism.

The tentative list of faculty in the school is:

Prof. A. K. Majumdar, (Vivekananda University, Belur, West Bengal)
Prof. Ajay Gupta, (Amity University, Noida)
Dr. Alok Banerjee, (UGC DAE CSR, Indore)
Prof. K. Priolkar, (Goa University).
Prof. J. R. Mohanty, (IIT, Hyderabad)
Prof. D. K. Satapathy, (IIT, Madras)

There will be about 25 students / young researchers in this school. They should be working in the area of magnetism and magnetic materials with interest in using the Indus synchrotron facilities. Train fare (3rd AC) for JRF scholars and (2nd AC fare) for SRF scholars and local hospitality will be provided. All those interested, are requested to apply by email, (forwarded by their Guides, Division/Section Heads) to the organizing secretary/co-secretary, before 28th February 2014, with a write-up on their present research work and a mention of the kind of experiments that they may like to conduct on the synchrotron sources.

Dr. Tapas Ganguli
Organizing Secretary,
Indus Synchrotrons Utilization Division,
RRCAT, Indore 452 013.
e-mail: tapas@rrcat.gov.in

Dr. M. Nayak
Organizing Co-Secretary
Indus Synchrotrons Utilization Division,
RRCAT, Indore 452 013.
e-mail: mnayak@rrcat.gov.in

Convener
Dr. G. S. Lodha
Head, Indus Synchrotrons Utilization Division
RRCAT, Indore 452 013.
e-mail: lodha@rrcat.gov.in

Co-Convener
Dr. S. B. Roy
Head, Materials & Advanced Accelerator Science Div.
RRCAT, Indore 452 013.
e-mail: sbroy@rrcat.gov.in