



Information and Announcements

Refresher Course on Recent Advances Chemical Science & Its Technological Applications

8–21 December 2010

Sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad
in collaboration with
Department of Chemistry, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim

A Refresher Course on “Recent Advances in Chemical Science & its Technological Applications” for College/ University teachers is being held at the Department of Chemistry, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim (East) from **8 to 21 December, 2010**. The course will cover all important topics in chemistry e.g. thermodynamics, electrochemistry, surface chemistry, green chemistry, nanochemistry, photochemistry, spectroscopy, quantum chemistry, chemical kinetics & catalysis, supramolecular chemistry, bioinorganic chemistry, polymer & colloid chemistry, coordination chemistry, organic reaction mechanism, synthetic organic chemistry with special emphasis on medicinal chemistry, symmetry, group theory and applications. The lectures will be followed by problem solving, sessions and home assignments. Prof. Mihir Kanti Chaudhuri (Vice-Chancellor, Tezpur University) is the Course Director and Prof. Amlan Kumar Das and Dr Nayan Kamal Bhattacharyya, (Department of Chemistry, Sikkim Manipal Institute of Technology) are the Course Coordinators.

The tentative list of Resource Persons include Professors Kankan Bhattacharyya, B C Ranu, Subrata Ghosh (IACS, Kolkata), D K Bhattacharya, Kaushik Das, Pratik Sen, Chittaranjan Sinha, Subhash Bhattacharya (Jadavpur University, Kolkata), S K Dolui (Tezpur University), R K Poddar, Ghanashyam Bez (NEHU, Shillong), Anil A Bhalekar (Nagpur University).

Teachers who wish to participate in the **Refresher Course** may send their applications on plain paper with the following details: name, date of birth, sex, e-mail, official and residential address, telephone and mobile numbers, academic qualifications starting from BSc onwards, teaching experience, courses taught, positions held and a statement indicating reasons for interest in participating in the course and their expectations from the course.

The applications may be sent to: Prof. Amlan Kumar Das, Coordinator, Head, Department of Chemistr, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim (East) 737 132, Tel: (0) 9832053244; Mobile: 03592-246220, Extn: 218 (O), 240 (R); Email: amlan_snigdha@yahoo.com



Selected outstation participants (up to 30) will be provided with local hospitality and round trip three-tier AC train fare to Majitar, Sikkim by the shortest route. Local participants (up to 15) will also be allowed to participate and provided local hospitality.

Though the course is primarily meant for College/University teachers, research students who wish to participate may also apply.

Last date for the receipt of application: 30 September 2010.

XXV Refresher Course in Experimental Physics

15–31 December 31, 2010

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

This Silver Jubilee Course will be held from **December 15 to December 31, 2010**, in Bangalore in the Academy premises in Jalahalli. Participants in this course will gain hands-on experience with about twenty five experiments, some at the BSc level and some at the MSc level with a low cost kit developed for the Indian Academy of Sciences, Bangalore, and manufactured by Ajay Sensors and Instruments, Bangalore.

The Refresher Course in Experimental Physics has been highly successful and the experiments have been included in the curricula of about 15 universities in the South. About sixty kits have been sold and are used in universities and other high level institutions like the Center for Excellence in Basic Sciences of the Univ. of Mumbai and TIFR.

The total number of seats in the Silver Jubilee Course will be about twenty five; while the course is essentially meant for teachers in universities and colleges, a few seats will be reserved for students of III BSc and I MSc Physics courses.

Interested applicants must send their bio-data including name, sex, date of birth, educational qualifications, teaching and research experience (in the case of faculty), office address, mobile telephone number and e-mail address to

Sri G Madhavan, Coordinator, Science Education Programme, Indian Academy of Sciences, C.V. Raman Avenue, Sadashivanagar, Bangalore 560 080, Email: madhavan@ias.ernet.in

In the case of teacher applicants, the application should be forwarded 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 by **October 15, 2010**.

Selected participants will be paid the actual to and fro railway 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 September 30, 2010.

