

# REFRESHER COURSE ON 'RECENT ADVANCES IN CHEMICAL SCIENCE AND ITS TECHNOLOGICAL APPLICATIONS'

*Sponsored by*

**Indian Academy of Sciences, Bangalore  
Indian National Science Academy, New Delhi  
The National Academy of Sciences, India, Allahabad**

**8–21 December 2010**

*in collaboration with*

**Department of Chemistry, Sikkim Manipal Institute of Technology,  
Majitar, Rangpo, Sikkim (East)**

A Refresher Course on '**Recent Advances in Chemical Science and its Technological Applications**' for College/University teachers is being held at the Department of Chemistry, Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim (East) 737 132 from 8–21 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 and catalysis, supramolecular chemistry, bioinorganic chemistry, polymer and 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. Professor Mihir Kanti Chaudhuri (Vice-Chancellor, Tezpur University) is the Course Director and Professor 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 B.Sc. 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 Chemistry

Sikkim Manipal Institute of Technology, Majitar, Rangpo, Sikkim (East) 737 132

Phone: (0) 98320 53244 (mobile), 03592-246 220, Extn: 218 (O), 240 (R)

e-mail: amlan\_snigdha@yahoo.com

Selected outstation participants (up to 30) will be provided with local hospitality and round trip three-tier A/c 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.**