



REFRESHER COURSE ON CONTEMPORARY NON-EQUILIBRIUM THERMODYNAMICS AND STATISTICAL MECHANICS

Sponsored by

INDIAN ACADEMY OF SCIENCES, BANGALORE
INDIAN NATIONAL SCIENCE ACADEMY, NEW DELHI
THE NATIONAL ACADEMY OF SCIENCES, INDIA, ALLAHABAD

20 October to 2 November 2010

at

Department of Chemistry, Mahatma Jyotiba Fule Educational Campus
R. T. M. Nagpur University, Nagpur

A Refresher Course on '**Contemporary Non-equilibrium Thermodynamics and Statistical Mechanics**' for college/university teachers is being held at the Department of Chemistry, R. T. M. Nagpur University, Nagpur, Maharashtra from **20 October to 2 November 2010**. The course will cover topics selected mostly from post-graduate/graduate curriculum in the broad areas of Non-equilibrium Thermodynamics and Statistical Mechanics and their applications. The lectures will be followed by problem solving, discussion sessions and home assignments. Professor D. S. Ray (Department of Physical Chemistry, Indian Association for the Cultivation of Science, Kolkata) is the Course Director and Professors A. A. Bhalekar and L. J. Paliwal (of R. T. M. Nagpur University, Nagpur) are the Course Coordinators.

Professors David Jou (UAB, Bellaterra, Spain), Ingo Müller (TU, Berlin, Germany), N. Sathyamurthy (IISER, Chandigarh), C. Dasgupta (IISc, Bangalore), Sunil Nath (IIT, Delhi), D. Chowdhury (IIT, Kanpur), B. L. Tembe (IIT, Mumbai), R. S. Johal (IISER, Chandigarh), R. Venkatesh (BHU, Varanasi), G. S. Natarajan (LIT, Nagpur), P. M. Gade (Nagpur University, Nagpur), S. S. Dhondge (Nagpur University, Nagpur), A. A. Bhalekar (Nagpur University, Nagpur), D. S. Ray (IACS, Kolkata) will be the resource persons of the course. Some more resource persons may be added later.

Teachers who wish to participate may write giving bio-data mentioning date-of-birth, qualifications, teaching experience, and positions held, courses taught to the following:

Professor A. A. Bhalekar, CSIR Emeritus Scientist

Workshop Coordinator, Department of Chemistry, R. T. M. Nagpur University, Amravati Road Campus, Nagpur 440 033 (Maharashtra).

Phone: (0)93715 30535; e-mail: anabha@hotmail.com

Applicants may also indicate particular topics and problems related to the broad areas indicated above which they would like to get covered or discussed in the Refresher Course to help them improving their delivery in teaching.

Selected outstation participants (up to 20) will be provided with local hospitality and round trip train fare to Nagpur (three-tier AC) by the shortest route. The local participants (up to 10) will also be allowed to participate and provided the necessary support.

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

The last date for the receipt of application: **10 August 2010**.