



NARASINHA DUTT COLLEGE

Howrah, West Bengal



Science Academies' Lecture Workshop on Spectroscopic Methods in Chemistry hosted by

Department of Chemistry

in association with and sponsored by

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

Venue: Sarat Sadan Auditorium (Hall 2), Howrah Maidan

The Department of Chemistry, Narasinha Dutt College, Howrah is hosting a Science Academies' Lecture-Workshop on **"SPECTROSCOPIC METHODS IN CHEMISTRY" ON 23-24 February, 2015** sponsored by three Science Academies of India (i.e., **Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi, & National Academy of Sciences, Allahabad**) to promote science education and cutting edge research in the country.

Objectives

This workshop is principally aimed to motivate and inspire students and teachers of mainly undergraduate colleges and some post-graduate colleges and institutions in the vicinity for understanding the basic concepts of chemistry to develop ideas to support application oriented research in their future career.

Course Contents

The lectures will aim to cover fundamental areas in spectroscopy and chemistry with a focus at the undergraduate curriculum and then develop them into their applications in modern chemical science research.

Resource Persons :

Prof. Uday Maitra,
IISc., Bangalore
Prof. Puspendu K. Das,
IISc., Bangalore
Prof. Tanmaya Pathak,
IIT, Kharagpur
Prof. Chaitali Mukhopadhyay,
University of Calcutta
Dr. Subhajit Bandyopadhyay,
IISER Kolkata
Dr. Tapan Kanti Paine,
IACS, Kolkata

Workshop Convener :

Prof. Uday Maitra,
Department of Organic Chemistry, IISc., Bangalore

Workshop Coordinator :

Dr. Indranil Bhattacharyya,
Department of Chemistry,
Narasinha Dutt College, Howrah

Tentative Schedule :

Each day there will be four lecture sessions of 75 minutes duration with interaction time of 15 minutes for each lecture session. There will be tea-break and lunch in between the sessions. The workshop will start at 9:30 am and terminate at 5:00 pm on both days. The detailed programme schedule will be posted on the college website 7 days prior to the event.

Eligibility for participation:

Representative limited number of students of B.Sc.(2nd and 3rd yr) (Honours) and M.Sc.(1st Yr) from colleges and institutions and selected number of teachers are invited to participate (**total no. should not exceed 6 including teachers**)

There will be no registration fee for participation :

Registration material will be provided to the participants on the first day (from 8:30 am to 9:30 am) and working lunch packets will be given to all registered participants on both days.

No formal certificates as per rules will be issued but certificates of participation can be provided on request.

Participants will get ample chance for interaction (after the lectures) with the speakers as a part of learning and doubt clearance with regard to subject.

How to apply :

Registration forms may be downloaded from the college website: www.narasinhaduttcollege.edu.in

Participants (both students and teachers) are expected to confirm their participation by 4:00 pm on 16.02.2015 filling up the registration form and sending by e-mail to the following contact persons. For any further queries participants are requested to contact the concerned persons.

List of registered persons will be put up on the website on 18.02.2015

Contact persons :

1. **Indranil Bhattacharyya**, Department of Chemistry, Narasinha Dutt College
E-mail: indranil.neel31@gmail.com , Mob: 9830705613
2. **Dr. Susmita Podder**, Department of Chemistry, Narasinha Dutt College
E-mail: susmita.podder@gmail.com Mob: 9475205442