



**Light in Chemistry,
Materials and Biology
(LCMB – 2014)**

REGISTRATION FORM

Name of the Participant (s):

.....

Academic Qualification:

Designation:

Address:

Telephone:

Fax No. :

E-mail:

Signature & Date:

.....

Title of the presentation:

.....

.....

.....

Registration Details (Please see the brochure for details):

Cheque/ DD No. & Bank	Amount

**Date & Signature of Competent Authority of the Institute
(SEAL OF THE INSTITUTE)**

REGISTRATION FEES:

Persons attending from Academia / Research Institute: **Rs. 5,000/-**

Persons attending from industry: **Rs. 8000/-**

Students: **Rs. 2,000/-**

**INVITATION TO PARTICIPATE IN THE
CONFERENCE AS SPONSOR,
CO-SPONSOR AND SUPPORTER**

Sponsorship: Rs. 1,00,000/-

(Includes 4 free delegates + mention on banners, souvenirs + inside back cover advertisement)

Co-Sponsorship: Rs 50,000/-

(Includes 2 free delegates + mention on banners, souvenirs + full page advertisement)

Supporter: Rs. 30,000/-

(Includes 1 free delegate + mention on banners, souvenirs + half page advertisement)

SOUVENIR

One page advertisement: **Rs.10,000/-**

Half page advertisement: **Rs. 5,000/-**

IMPORTANT DATES:

Deadline for abstract (one-page): December 28, 2013.

Abstract to be sent to lcmb.iitkgp@gmail.com

Notification for acceptance: January 10, 2014

Deadline for registration: January 20, 2014

No spot registration is possible *if accommodation is required*.

EXHIBITION

An exhibition will be organized during the conference. Limited stalls will be available and will be distributed on "first-come-first-served basis".

All payments should be made in favor of "CEP-STC, IIT Kharagpur" payable at Kharagpur. DD/Cheque along with the filled-in registration form should be sent to the Convener before the registration deadline.



CONTACT ADDRESS

Convener, LCMB-2014

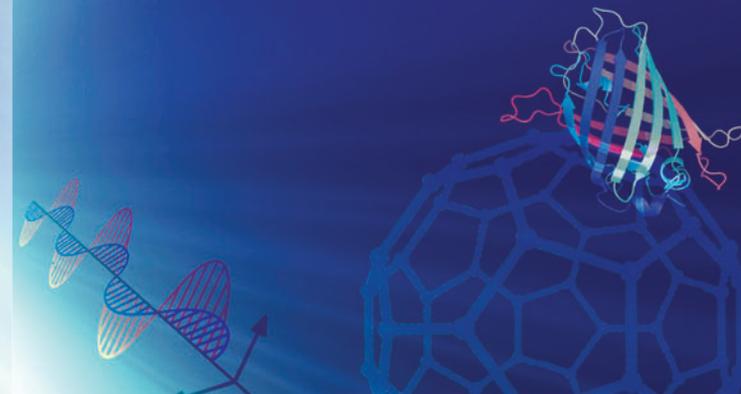
Department of Chemistry

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LCMB 2014
AN INTERNATIONAL CONFERENCE

www.chemistry.iitkgp.ac.in/lcmb/



**LIGHT IN CHEMISTRY,
MATERIALS &
BIOLOGY**

**FEBRUARY 24 - 25
2014**



DEPARTMENT OF CHEMISTRY
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR



BACKGROUND:

Light, a unique physical phenomenon, is linked in different ways with the chemical and biological processes. From photosynthesis to biological clock, photophysics to lasers, photobleaching to photodynamic therapy, one can find a strong connection of photons with chemistry, biology and materials. *Life* wouldn't be there without light. Thus, at this moment, we are in a position to understand the interaction of *light* with chemistry-biology-materials to have a better understanding of photoscience and thereby judiciously making use of it for a better world. All the aspects of the fascinating interplay between light and chemistry-biology-materials need to be unveiled in connection with the frontier research fields and up-to-date exciting research ideas.

OBJECTIVES:

The conference will be a unique platform for the delegates to have opportunity to share the latest developments in experiments and theory on the following topics: Frontiers of Photochemistry, Dynamics of Complex Systems, Fluorescence spectroscopy, Photo-assisted Synthetic Chemistry, Photobiology and Imaging, Photoinduced electron transfer, FRET and SET, Photoresponsive polymer/materials and Theoretical developments in Photochemistry, Supramolecular photochemistry, and Quantum dots.

ABOUT INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR:

IIT Kharagpur is the first and the largest among all IIT's, presently 16 in member. It is this place from where the IIT system has evolved. The history of IIT system dates back to 1946 when a committee was setup by Honorable Sir Jogendra Singh, Executive Council, Department of Education, Health and Agriculture to consider the setting up of Higher Technical Institutions for post-war development in education and in industry in India. With the recommendation of the 22 member N.R. Sarkar committee, the concept for a higher technical education was framed in May 1950. Later Hijli Detention camp was renamed as Indian Institute of Technology in the year 1951 where some of our freedom fighters toiled and sacrificed their lives for the independence of our country. This is probably one of the very few institutions of the World which started its journey in a prison house. IIT Kharagpur is situated at 130 km south-west of historical and cultural metro city Kolkata and at 100 km north of the beautiful Bay of Bengal. The IIT campus is very green, clean, calm and quiet and free from urban noise and pollution, an ideal temple for study and research. The campus is imaginatively laid out with green parks, huge playgrounds, big auditoriums, students' hostels, residential zones for faculty and staff members, health centre, cultural-cum-social and recreational zones for campus community.

ABOUT THE DEPARTMENT OF CHEMISTRY:



Sir J.C. Ghosh, the first director of the institute started the chemistry department in 1952. Ever since the inception, the department has established the tradition of excellence in teaching and research in various corridors of chemistry. The multifaceted research activities and state-of-the-art facilities, the department offers one of the best academic environments in the country.

The prime focus on the research activities is on basic and traditional areas of chemistry, relevant to the societal needs. The major research encompass interdisciplinary areas such as biophysical, bioinorganic, bioorganic, computational, material, nanomaterial, organometallic, polymer, solid-state, and theoretical chemistry. The department presently has 31 faculty members.

The current strength of the Ph.D. scholars of the department is over 150 and that of the master students is about 150. The department publishes over 160 research articles per year in the peer reviewed journals of repute. In the year 2011, the Department of Science and Technology (DST), New Delhi has recognized the department as one of the top six chemistry departments across the country.

LANGUAGE OF THE EVENT

English.

ACCOMMODATION

Accommodation will be arranged on request in the Guest Houses. Accommodation of the student participants will be arranged in the guest houses on shared basis.

VENUE & DURATION

The event will be held at Indian Institute of Technology, Kharagpur during 24-25 February 2014.

PLACE AND CLIMATE

Kharagpur is about 120 km south-west of Kolkata and is well connected by rail and road with important metros like Delhi, Mumbai, Chennai, Bangalore and Kolkata and also with other important cities in India. The distance from Kolkata International airport to Kharagpur is about 130 km and takes about 2 hours by car.

The climate at Kharagpur during late February is very pleasant. Temperature varies from 18-25°C.

ORGANIZING COMMITTEE

Patron: Prof. P. P. Chakrabarti, Director, IIT Kharagpur
Chairperson: D. Mal, HOD-Chemistry, IIT Kharagpur
Convenor: N. Sarkar, Dept. of Chemistry, IIT Kharagpur
Co-Convenors: M. Halder, D. Dhara, N. D. P. Singh, A. Ayyappan, Dept. of Chemistry, IIT Kharagpur

National Advisory Committee

K. Bhattacharyya, IACS Kolkata
A. Samanta, University of Hyderabad
S. Basu, SINP Kolkata
D. K. Palit, BARC Mumbai
A. K. Mishra, IIT Madras
N. Chattopadhyay, Jadavpur University
P. K. Sengupta, SINP Kolkata
P. Ramamurthy, Madras University
A. Chattopadhyay, IIT Guwahati
A. Ajayghosh, NIIST Trivandrum
S. Das, NIIST Trivandrum
S. Basak, SINP Kolkata
A. Datta, IIT Bombay

Local Organizing Committee

*Faculty members of Chemistry
Indian Institute of Technology Kharagpur*
S. K. Roy, Physics and Meteorology
A. Das, Biotechnology
T. K. Maiti, Biotechnology
A. Roy, Physics and Meteorology
P. K. Dutta, Physics and Meteorology
S. Ghosh, Biotechnology
N. Sinha, Rubber Technology Centre
P. P. Bandyopadhyay, Mechanical Engg.
P. Roy Chaudhuri, Physics and Meteorology
D. Pradhan, Materials Science
P. Banerji, Materials Science