

SPONSORSHIP / NOMINATION CERTIFICATE

Prof./Dr./Mr./Ms./Mrs./.....
.....

is an employee of our institute and his/her application is hereby sponsored / nominated. The applicant will be permitted to attend the short-term course “**Solar Energy Harvesting**” in KIC- Knowledge Incubation Cell at IIT Guwahati during 20/02/2015 to 21/02/2015 if selected.

Our institute is (tick one):

- TEQIP project funded and/or listed institution
- CFTI
- State government funded institution
- Other institutions

Date. _____ Signature of authority _____
_____ Designation _____

Official seal

Selected participants will be informed by e-mail. The duly sponsored / nominated application form should be mailed to:

Dr. Shyam P. Biswas/ Dr. Kingsuk Mahata

Department of Chemistry

Indian Institute of Technology, Guwahati
North Guwahati, Guwahati-781039, Assam
Ph. No. 0361-2583308/3309
Fax No.: 0361-2582349

ABOUT TEQIP

Under the TEQIP-II program sponsored by the MHRD, IITs have been invited to participate by establishing a Centre dealing with KNOWLEDGE INCUBATION (KIC) vide DO No. 16-25/2013-TS.VII dated 25th June 2013. These Centers are intended to become a focal point for training faculty, staff and students from TEQIP-II institutions in knowledge engineering, content creation, improving teaching, pedagogy & administrative skills in identified niche areas/ disciplines.

ABOUT KIC

KIC- Knowledge Incubation Cell at IITG functions as a multi disciplinary as well as interdisciplinary innovation incubation centre with knowledge management as its focus. Its activities are in the area of improving quality of technical education, incubation of innovative ideas, implementation of contemporary pedagogy practices and development of learning content in technical institutions.

ABOUT IIT GUWAHATI

SNAP OF CAMPUS

IIT Guwahati campus is spread over a sprawling 785 hectares plot of green land on the north bank of the river Brahmaputra around 25 km from the heart of the city. With hills and vast open spaces the campus provides an ideal setting for training. Details on how to reach IITG campus are available on the website: www.iitg.ac.in



Indian Institute of Technology Guwahati



IITG

SHORT TERM COURSE

Solar Energy Harvesting

February 20 - 21, 2015

Conducted by
Department of Chemistry

Organised by
Knowledge Incubation Cell
Centre for Educational Technology
URL: <http://www.iitg.ac.in/cet>

TEQIP



ABOUT THE COURSE / EVENT

Faculty members of IIT Guwahati and guest faculty members from other premier institution/ organization will deliver lecture.

COURSE CONTENTS/ DESCRIPTION

- Capture, conversion and storage of solar energy in various viable forms including chemical energy, electrical energy etc.
- Merits and demerits of various methods for solar energy harvesting and technological challenges.

Topics to be covered

- Solar cells including organic photovoltaics, dye sensitized solar cells, bulk heterojunction solar cells etc.
- Photochemical water-splitting and hydrogen production.
- Biofuels including bio-ethanol, bio-diesel and bio-hydrogen.
- Storage of solar fuels using metal-organic frameworks (MOFs) and covalent-organic frameworks (COFs).

ELIGIBILITY

The course/ event is open to faculty members of TEQIP-listed institutions/ engineering colleges and government funded NE State technical institutions. Seats that remain unfilled will be open to other institutions. No course fee is charged. Candidates from TEQIP institutions will be reimbursed TA & DA from their respective institutions.

BOARDING AND LODGING

Boarding and lodging facilities (guest house or hostel rooms) will be provided for the selected candidates from TEQIP listed institutions. Depending on availability, lodging may be extended to non TEQIP candidates on self payment basis.

IMPORTANT DATES

The last date for the receipt of duly sponsored applications: By email (scanned copy): 07/12/2014
Hard copy must reach by: 15/12/2014
Intimation of selection: 20/12/2014

SELECTION CRITERIA:

Number of seats - 30.

Selection will be based on first cum first served basis from priority:

(i) TEQIP mapped institution (ii) CFTI (iii) state government funded institutions (iv) other institutions.

FINANCIAL ASSISTANCE FROM IITG

Limited number of selected participants from CFTIs & state government institutions in the NE (i.e. non TEQIP funded institutions) may be eligible & considered for reimbursement of to and fro railway fare via shortest route in sleeper class (proof of journey/ ticket needed) and free lodging and boarding in the hostel during course period. Selected participants will be informed by e-mail. For all other participants no TA/DA will be paid by IIT Guwahati.

Address for correspondence:

Name : Dr. Kingsuk Mahata/Dr. Shyam P. Biswas

Course Coordinator(s)

Course Co-coordinator: Dr. Subhendu S. Bag

Department of Chemistry

Indian Institute of Technology Guwahati

Guwahati- 781039

<http://www.iitg.ac.in/sbiswas/>

<http://www.iitg.ac.in/kingsuk/>

Application Form

1. Name (block letters):
2. Designation & pay scale:
3. Organisation:
4. Address for communication:

E-mail:

Telephone:

mobile:

Fax no.:

5. Highest academic qualification:

6. Specialization:

7. Experience:

(a) Teaching:

(b) Industrial:

8. Choice of accommodation:

hostel guest house will make my own arrangement.

9. Category: general reserved

Please register me for the course on “**Solar Energy Harvesting**” to be held at IIT Guwahati.

I am sending an advance copy of this application by email to the coordinator of the course.

I undertake to send the hard copy signed by the Head of our institution.

Place:

Date:

Signature of the applicant