

BACKGROUND

Light plays a vital role in our daily life and is important cutting across various disciplines of science. Light science and light based technologies have revolutionized the modern world in a number of sectors such as health, communication, energy and so on. Realising the contributions of light science and applications to today's society, United Nations in its 68th session of general assembly in December 2013, proclaimed the year 2015 as the "International year light and light-based technologies (IYL2015)". In line with the celebration of IYL 2015, last year's Nobel prizes in Physics and Chemistry were also awarded to two different light based methods/technologies.

The department of Physics, IIT Guwahati with the financial support from KIC-CET, IIT Guwahati is organizing a one day symposium to celebrate IYL 2015 on 31st October, 2015. The event comprises invited talks by renowned scientist in the field of optics, report on optics research in the institutes nearby IITG, panel discussion and poster presentations by the participants. The best posters in the student category will be awarded. The symposium is aimed primarily at illuminating the young faculty members and PG students of Physics and the relevant disciplines and thereby motivating them towards the fascinating world of light science and light-based technology

SYMPOSIUM PROGRAM

Morning session (9.00-13.30)

- Registration and Inauguration
- Invited talk by resource person from other institutions.
- Panel discussion on Optics Teaching at the UG/PG level.

Lunch (13.30-14.00)

Afternoon Session (14.00-17.30)

- Poster presentation by participants
- Reports on Optics research in the nearby institutes
- Valedictory function

RESOURCE PERSONS

Experienced faculty members from IITG and the nearby universities/institutes working in Optics and related field.

SYMPOSIUM MATERIAL

Reports, slides and abstracts will be provided on CD/printed form.

VENUE

Indian Institute of Technology, Guwahati, the sixth member of IIT fraternity, was established in 1994. The academic programs of IIT Guwahati commenced in 1995. Within a short span of time, IIT Guwahati has been able to build up the necessary infrastructure for carrying out advanced research and has been equipped with state-of-the-art engineering and scientific instruments.

IIT Guwahati campus stands on a sprawling 285 hectares of land on the north bank of river Brahmaputra. The campus is about 25 km from the heart of the city. With the majestic Brahmaputra on one side, hills and vast open spaces on the other, the campus provides an ideal setting for learning. The city of Guwahati is the gateway to north-east India and connected to many major cities in the country by rail, road and air. Weather during summer is hot and humid with temperatures varying between 25-32°C. Summer span is usually from May to September. Buses (from Pan Bazaar over-bridge), auto-rickshaws, and taxis are available from Guwahati city to IIT Guwahati campus.

IMPORTANT DATES

Deadline for receipt of duly endorsed applications: **October 12, 2015**

Last date for abstract submission: **October 16, 2015**

Intimation of acceptance: **October 26, 2015**

Date of the symposium: **October 31, 2015**

TEQIP SYMPOSIUM TO CELEBRATE THE 2015 INTERNATIONAL YEAR OF LIGHT 31 OCTOBER 2015 APPLICATION FORM

1. Name (in BLOCK LETTERS):

2. Designation: Teacher ☐ Student ☐

3. Basic Pay (if applicable):

4. Organization:

5. Address for communication:

Pin:

*Ph No:

Fax No:

*E mail:

(* Compulsory fields)

6. Sex: Date of Birth:

7. Highest Academic Qualification:

9. Experience (in years):

a) Teaching: b) Industrial: c) Research:

10. Contributing a poster (Yes/No):

11. Tentative title of the poster:

12. Accommodation:

Required ☐ Not required ☐

Kindly register me for the TEQIP to "Celebrate the 2015 international year of light" to be held at IIT Guwahati on 31/10/15

Place:

Date:

Signature of Applicant

ENDORSEMENT

Prof./Dr/Mr/Ms/Mrs/
is an employee/student of our institute and his/her
application is hereby endorsed. The applicant will be
permitted to attend the symposium to "Celebrate the 2015
international year of light" at IIT Guwahati on 31st
October, 2015, if selected.

Date: Signature of the Head of the Institution

Designation:

Official Seal:

Symposium Coordinator:

Dr B R Boruah, Dept of Physics, IITG

TEQIP Co-Coordinator:

Dr A K Sharma, Dept of Physics, IITG

Coordinators of the Student Volunteers

Mr Prahlad Kr Baruah

Mr Biswajit Pathak

*The duly endorsed application form should be
mailed to:*

Dr Bosanta R Boruah
Department of Physics
Indian Institute of Technology- Guwahati
Guwahati- 781039, Assam, India

Ph: +91-361-2582725

E mail: brboruah@iitg.ernet.in

**N.B. Interested candidates may send advance copy
(scanned PDF) of the application duly countersigned by
the Head of the Department / Controlling Officer (for
sponsored candidate) by email. Photocopy of the form
can also be utilized.**

ELIGIBILITY

The symposium is open to teachers and motivated PG
students of

- TEQIP Mapped Institutions
- Centrally Funded Technical Institutions (CFTIs) in
the North Eastern States of India
- State Government Funded Universities in the North
Eastern States of India

Seats that will remain unfilled will be open to PG students
and teachers from other Institutions in India. So, the
interested teachers/PG students from other institutions may
also apply.

SELECTION CRITERIA:

- Total number of participants will be limited to 40
(Forty).
- Selection will be based on first come first served basis.

ABSTRACT SUBMISSION: Applicants willing to present
posters have to submit a 250 word abstract via email before
the deadline. The topic of the poster should be on an area
related to the theme of the symposium.

INTIMATION TO SELECTED APPLICANTS:

Selected applicants will be intimated via e-mail/phone. The
list of selected participants and other details will also be
available in the symposium website:

<http://www.iitg.ernet.in/physics/fac/brboruah/IYL2015/>

FINANCIAL ASSISTANCE

A limited number of eligible and outstation participants will
be provided 2nd class AC train fare* via the shortest route
from the place of work and free lodging and boarding during
the symposium period. Candidates attending the symposium
in full only will be eligible for financial assistance. For all
others no TA/DA will be paid.

* Please note that Tatkal reservation charges will not be
reimbursed.

BOARDING AND LODGING

Only outstation participants will be provided accommodation
in the guest house or student hostels of the institute (based on
availability). Tea and lunch will be provided to all the
participants during the symposium.



TEQIP SYMPOSIUM TO CELEBRATE THE 2015 INTERNATIONAL YEAR OF LIGHT



United Nations
Educational, Scientific and
Cultural Organization



International
Year of Light
2015

31 October, 2015

Organized by

Department of Physics
Indian Institute of Technology-Guwahati
Guwahati- 781039, Assam, India