SPONSORSHIP

(a) For applicants from AICTE approved institutions:

Prof./Dr./
Mr./Ms./__________________________________
is an employee of our institute and his/her application is hereby sponsored. The applicant will be permitted to attend the short-term course “Seismic Design Of Buildings and Bridges” at IIT Guwahati during 29th November – 03rd December, 2010, if selected.

Date: Signature of Sponsoring Authority

Designation: Official Seal:

(b) For applicants from Industries and Government Departments:

DD No. Date:
Bank:
Amount:

Signature of the Applicant

The duly sponsored application form should be mailed to:

Dr. Arunasis Chakraborty / Dr. Kaustubh Dasgupta
Assistant Professor
Department of Civil Engineering
Indian Institute of Technology Guwahati
Guwahati – 781 039, Assam
Tel.: 0361 – 2582430, 2582432
Fax: 0361 – 2582440
Email: arunasis@iitg.ernet.in

ELIGIBILITY

The course is open to faculties of engineering colleges and polytechnics approved by AICTE. No course fee is charged for participants sponsored by AICTE approved institutions. Participants from Government departments and industries are also eligible, provided they meet their T.A. and D.A. and pay a course fee of Rs. 2500/- and Rs. 5000/- respectively.

All payments must be made in the form of a DD drawn on any Nationalized Bank and in favor of QIP, IIT Guwahati, payable at Guwahati.

FINANCIAL ASSISTANCE

Limited number of Participants from AICTE recognized institutions will be eligible for III AC to and fro railway fare* via shortest route from the place of work and free lodging and boarding during the course period. Candidates attending the course in full only will be eligible for TA and DA.

*Note: Tatkal reservation charges will not be reimbursed.

BOARDING AND LODGING

Boarding and lodging facilities will be provided for the selected candidates from AICTE approved institutions in the hostel or guest house (based on availability) of the Institute during course period.

IMPORTANT DATES


NB: Interested candidates may send an advance copy of the application by fax/email duly countersigned by the Head of the Department/Controlling Officer (for sponsored candidate) to avoid procedural delay.

QIP Short Term Course on

Seismic Design of Buildings and Bridges

29th November – 03rd December 2010

Coordinators

Dr. Arunasis Chakraborty
Dr. Kaustubh Dasgupta

Department of Civil Engineering
Indian Institute of Technology Guwahati
Guwahati - 781 039
OBJECTIVE
The course aims to enhance the knowledge of academicians, scientists, engineers, and practitioners; in various aspects of seismic design of buildings and bridges, reliability analysis, system identification, retrofitting and control. Hands-on experience of finite element packages and Lab visit will also be arranged to demonstrate the state-of-the-art techniques, equipments and assisting tools for seismic analysis and design of buildings and bridges.

COURSE CONTENTS
The short-term course will broadly cover the following topics:

- Linear and Nonlinear analysis of buildings and bridges
- Masonry structures
- RC Design of buildings and bridges
- System identification and damage detection
- Structural retrofitting
- Vibration control
- Reliability based design
- Shallow and deep foundation
- Design of machine foundation
- Soil – structure interaction
- Experimental methods
- Soft computing

FACULTY
Faculty members of IIT Guwahati and guest faculty members from other premier Institutions/Organizations are invited to deliver lectures.

COURSE MATERIAL
Each registered participant will be provided with a set of lecture notes.

ABOUT IIT GUWAHATI
Indian Institute of Technology Guwahati, the sixth member of the IIT fraternity was established in 1994. The Department of Civil Engineering, one of the biggest Departments in the institute started functioning since 1998. At present the Institute has eleven departments covering the major engineering, science and humanities disciplines. The campus is located on 285 hectares plot of land on the north bank of the river Brahmaputra around 20 km from the heart of the city. With the majestic Brahmaputra on one side, and with hills and vast open spaces on other sides, the campus provides an ideal setting for learning. Guwahati city is the gateway to beautiful north eastern region of the country and linked with all major cities by rail, road and air. The temperature in Guwahati in the month of November varies from 20°C to 30°C. Buses, auto-rickshaws and taxis are available from Guwahati City to the IIT Guwahati Campus. Institute buses are available at frequent intervals from the city to IITG campus and also within the campus. In city the institute buses starts from the Hotel President at Pan Bazaar (about ½ kms away from Guwahati Railway Station).

QIP Short Term Course on
Seismic Design of Buildings and Bridges
29th November – 03rd December, 2010

Application Form

1. Name (block letter):
2. Designation & pay scale:
3. Organization:
4. Date of birth:
5. Address for communication:
6. Academic Qualification (Please tick):
   (a) B. Tech. ☐ (b) M. Tech. ☐ (c) Ph.D. ☐
7. Specialization:
8. Experience (in years):
   (a) Teaching: ☐ (b) Industrial: ☐ (c) Research:
9. Amount of TA requirement as per entitlement mentioned in this brochure (only for AICTE approved colleges) Rs.:
10. Sex: (a) Male ☐ (b) Female ☐

Please register me for the course on “Seismic Design Of Buildings and Bridges” to be held at IIT Guwahati.

Place:  
Date:  
Signature of the applicant