Subject: Short Course on Geotechnical Aspects of Earthquake Engineering to be held at IIT Gandhinagar premises in Ahmedabad during 04 – 08 March, 2013

Dear Sir:

I enclose herewith a brochure for the above course. Since geotechnical aspects play an extremely important role in seismic performance of any structure, we believe that this course may prove very useful to engineers interested in design and construction of buildings and other infrastructures.

In the past, the course instructors have been very successfully conducted numerous training courses on seismic design for professional engineers. All the courses were very much appreciated by the participants.

We therefore suggest that you consider sponsoring some of your engineers to this course.

Thanking you,

Yours sincerely,

Encl: Brochure of the short course

Amit Prashant
Indian Institute of Technology Gandhinagar

Short Course on
Geotechnical Aspects of Earthquake Engineering
To be conducted at Ahmedabad during 04 – 08 March, 2013

Course Objectives
The aim of the course is to provide the participants an overview on Geotechnical Aspects of Earthquake Engineering. At the end of the course, the participants are expected to:

- Have an overall understanding of seismic design concepts and current practices for shallow and deep foundations, slopes and retaining walls to enable them to plan and direct the construction activity appropriately.
- Understand the soil dynamic testing procedure and methodology of seismic design to be able to execute a proper design.
- Have a clear understanding of design methodology and the interpretation in the seismic codes while designing foundations, slopes and retaining walls.

Participants
The course is designed for

- Civil Engineers engaged in design and construction of structures.
- Senior professionals responsible for directing these activities.

Course Contents
- Ground Motion & Seismic Hazard
- Design Ground Motion
- Geotechnical Testing Methods
- Dynamic Soil Behavior
- Geotechnical Structures in Past Earthquakes
- Liquefaction & Liquefaction Potential
- Seismic Design of Foundations
- Seismic Design of Slopes & Retaining Walls
- Ground Improvement Techniques

Course Faculty
The course will be conducted by
- Dr. Sudhir K Jain, IIT Gandhinagar
- Dr. Debasis Roy, IIT Kharagpur
- Dr. Ajanta Sachan, IIT Gandhinagar
- Dr. Amit Prashant, IIT Gandhinagar

Certificate
Participants who successfully complete the course will be awarded a certificate.

Venue
The course will be conducted at IIT Gandhinagar premises in Ahmedabad.

Registration
The course fee is Rs. 18,000/- (Rupees Eighteen Thousand Only) per participant. It includes course material, lunch, and tea breaks. The fee is payable in advance by a crossed draft in favor of Course on Earthquake Engineering, IIT Gandhinagar, payable at Ahmedabad, or via online transfer at the account details given in registration form.

The postgraduate students and faculty of geotechnical engineering may request a discount in course fee.

Interested persons should send the enclosed Registration Form to:

Dr. Amit Prashant
Coordinator for Course on Earthquake Engg
Indian Institute of Technology Gandhinagar
VGEC Complex, Chandkheda,
Ahmedabad – 382424
Fax: 079-23972586
Email: ap@iitgn.ac.in

The course website and Online registration form is available at the following link.
http://www.iitgn.ac.in/GAEE2013/
Indian Institute of Technology Gandhinagar

Short Course on
Geotechnical Aspects of Earthquake Engineering
To be conducted at Ahmedabad during 04 – 08 March, 2013

Registration Form

Name:
Designation:
Organization:
Mailing Address:

Phone (office): Fax:
Phone (home): Email 1:
Phone (mobile): Email 2:

Qualifications and Background:

Registration Fee:
a) Enclosed is a crossed draft no. ..............................................dated ......................for
Rs. ................................. payable to Course on Earthquake Engineering, I.I.T. Gandhinagar.

or

b) Bank transfer of Rs ................., with transaction ID ............... dated ......................, has
been done to the account details given below.
Bank: State Bank of India
Account: 31621193994
IFS Code: SBIN0011770

or

c) I shall send the registration fee by ......................................... (please indicate date).

(Signature)

Please return to:
Dr. Amit Prashant
Coordinator for Course on Earthquake Engg
Indian Institute of Technology Gandhinagar
VGE Complex, Chandkheda,
Ahmedabad – 382424
Fax: 079-23972586;
Email: ap@iitgn.ac.in