Completed Registration form should be sent to Course coordinator:

Prof. RAJA Ramsankaran
Department of Civil Engineering,
Indian Institute of Technology Bombay,
Powai, Mumbai – 400 076

Phone: (022) – 25767348
Fax: (022) – 25767302 / 25723480
Email: ramsankaran@civil.iitb.ac.in

Note:
While sending the filled-in form, on top of the envelope super-scribe as follows “Registration for the CEP course on GIS for Civil Engineers”

Important Dates:
Last date for the receipt of duly filled-in registration form: April 10, 2017

Notification of acceptance: April 15, 2017

Note:
- Incomplete application forms will not be entertained.
- For multiple registrations, photocopy the form and fill or type in the given format.
- Acceptance will be intimated through email only.

For further details:
http://www.iitb.ac.in/~cep/
or
http://www.cep.iitb.ac.in/calendar/2017.cgi

Boarding & Lodging
Subject to availability, only bachelor accommodation will be offered in the IIT Students Hostels (~INR. 350/- per day). IIT Guest House accommodation is not available. Accommodation is not included in the course fees.

Faculty
The teaching faculty constitutes experts from IIT Bombay.

Venue for Classes
Classes will be held in the ground floor computing lab of Department of Civil Engineering, IIT Bombay.

Note: All selected participants should bring their own laptops to perform the GIS lab exercise.

Lecture Notes
To fully realize the objectives of the course, the lecture notes will be made available at the time of registration at IIT Bombay.

Date & Time of Registration:
All the participants should report at the first floor seminar hall, Dept. of Civil Engg., IIT Bombay at 9.00AM on May 15, 2017.

COURSE FEE
The fee for the five-day course is Rs. 25000/- per participant. The course fee includes course material, working lunch and coffee/tea. The demand draft may be drawn in favour of “The Registrar, IIT Bombay -CEP Account”. Please note that no income tax is to be deducted at source from the course fee, as IIT Bombay is exempt from the same.

Continuing Education Programme
Short Term Course on
GIS for Civil Engineers
May 15-19, 2017

Course Coordinator
Prof. RAJA. Ramsankaran
Department of Civil Engineering,
Indian Institute of Technology Bombay,
Powai, Mumbai 400 076,
INDIA
INTRODUCTION
Civil engineering is about developing and sustaining infrastructure. The profession covers many areas of interest and a broad range of expertise like water resources, geotechnical, structural, transportation engineering etc. As a result, civil engineers work with a voluminous amount of data from a variety of sources. Geographic Information Systems (GIS) technology provides the tools for creating, managing, analyzing and visualizing the data associated with developing and managing infrastructure. Thus, GIS is playing an increasingly important role in civil engineering field by supporting all phases of the infrastructure life cycle and one should exploit this tool to gain its advantages. Also, people are unaware of the advantages of open source GIS tools which are freely available and can be developed by any user. Instead, they still depend on Proprietary GIS Softwares which are highly expensive with limited number of licenses for limited time period. Thus, this short term program is mainly aimed to spread the importance of GIS for civil engineers by teaching basic concepts of GIS and spread the awareness about available Open Source GIS softwares.

BROAD OBJECTIVES
The short term course is intended to introduce the following themes:

➢ To spread the importance of GIS in Civil Engineering
➢ To promote the use of open source GIS softwares
➢ Teach the basic concepts and hands on experience on few applications so that at the end of course, participants reach such a level that they can further explore themselves according to their needs

COURSE CURRICULUM
The short-term course would include lectures/hands on lab sessions on the following topics:

♦ Basic concepts of GIS.
♦ How to prepare and handle GIS data and execute a project in it.
♦ Hands on experience on open source GIS software and implementing various case studies.
♦ Execution of a mini project by the participants themselves.

WHO MAY BENEFIT
Officers, Engineers and Scientists working in Water Resources Engineering, Urban/town planning, Municipal agencies, Consulting companies, NGO’s as well as self-employed practitioners engaged in spatial analysis of our surrounding environment would benefit from the proposed program. As participants are expected from all over India, this course would provide an excellent opportunity for the participants to interact with one another and discuss problems and solutions of mutual interest.

CEP Short Term Course on GIS for Civil Engineers
May 15-19, 2017

Registration Form

Name (in block letters): __________________
_____________________________________________

Designation: _________________________________

Organization: ________________________________

Education Qualification: ______________________

Specialization: ______________________________

Email: ______________________________________
____________________________________________

Mobile: ________________________________

Payment: Rs:_______________________________

DD No.:____________________Dt: __________
(DD in favour of “Registrar, IIT Bombay – CEP A/c”)

IIT Students hostel accommodation required: YES / NO

Signature of the Applicant:
____________________________________________

Date: ________________________________