Course Outline and Objectives:

To give teachers and engineers the knowledge required in identifying, preventing and solving problems involving facilities that may adversely affect the environment.

Course Contents:

- Sources, production and classification of wastes
- Environmental laws and regulations, physical-chemical properties of soil, ground water flow and contaminant transport, contaminated site characterization.
- Estimation of landfill quantities, landfill site location, design of various landfill components such as liners, covers, leachate collection and removal, gas generation and management.
- Ground water monitoring, end users of landfill sites, slurry walls and barrier systems, design and construction, stability, compatibility and performance, remediation technologies, stabilization of contaminated soils and risk assessment approaches.

Course Organization:

The course will mainly consist of lectures by IISc faculty.

Faculty:

IISc faculty will deliver the lectures.

Eligibility:

The course is meant for faculty of AICTE – recognized engineering colleges. Selected teachers will be paid TA at actual subject to the limit of Three tier AC train/bus fare by the shortest route from the place of work to Bengaluru and back. However, the maximum TA payable is Rs.3000/-. They will be provided with a daily allowance of Rs.500/- (for 5 days only) towards boarding and lodging as per QIP rules, and will be supplied with the course materials. The lodging charges will be Rs.300/- per day. Local participants will be paid DA @ Rs.150/- per day for 5 days.

In addition, a few seats are available for non-sponsored (self-support) teachers, scientists from research labs, practicing engineers from industries and other interested persons. A course fee of Rs.10,000/- will be charged to these participants. This will entitle them to participate in the course and receive the course material. Single room accommodation is available on the Institute campus at the Hoysala House. The participants have to request in advance along with the registration form for such accommodation. The lodging charges will be Rs.1000/- per day, for self-support college teachers and Rs.1500/- per day for Industry participants, subject to availability of accommodation.

Registration Form

(Please mail to reach before 13th February, 2017)

1. Name:…………………………………………………
2. Age:……………….. Sex: Male/Female
3. Office address ………………………………………
……………………………………
……………………………………
………………
4. Landline No. with STD code:……………………
5. Mobile No.……………………………………………
6. Email ID:………………………………………………
7. Academic Qualifications
   Degree subject year University
   Diploma/B.Sc./B.A.……………………………………
   B.E./B.Tech./M.Sc. ………………………………………
   M.E./M.Tech./M.Phil……………………………………
   Ph.D. Completed/Pursuing/Intend pursuing:…………
   Thesis title/Proposed Research Area: …………………
   ……………………………………………………………
8. Teaching Experience………………………..(Years)
9. Industry Experience …………………………(Years)

10. Course taught/professional responsibilities ……………
………………………………………………………………
………………………………………………………………
………………………………………………………………

11. Accommodation required Yes / No

12. Self-support candidate : Rs. 10,000/-
   Demand Draft No………………………….

I agree to abide by the rules of the QIP courses. If selected, I shall participate in the course for the entire duration.

Date:
Place:

Signature

The applicant Mr./Ms. ……………………………
………………………………………………………………
from our institution will be permitted to attend the QIP Short Term Course on “Advances in Geo environmental Engineering” to be held during 27th -31st March 2017, at the Indian Institute of Science, Bengaluru, if selected. He/she will be granted necessary leave of absence.

Place:
Date:

Signature of Head of the Department

Signature and Seal of the Principal of the Institution

(Xerox copy of this from may also be used)

Intending participants may use the attached application form or a xerox copy of the same. Applicants from AICTE recognized colleges are required to submit their applications sponsored by their colleges. Non-sponsored (self-support) teacher applicants should send their application along with a DD for Rs.10,000/- drawn in favour of “Registrar, Indian Institute of Science, Bengaluru -560012” payable at Bengaluru.

Deadlines:

Receiving completed applications: 13th February , 2017

Intimation of selection: 27th February , 2017

Please mail the filled-in application form to:

The Officer-in-Charge
Centre for Continuing Education
Indian Institute of Science
Bengaluru - 560 012
Telephone: 080-23600911, 2292055
Email: so@cce.iisc.ernet.in/
office@cce.iisc.ernet.in

To reach on or before : 13th February , 2017

Centre for Continuing Education
Indian Institute of Science
Bengaluru – 560 012
(www.cce.iisc.ernet.in)