Course Outline and Objectives:

High-voltage power transmission engineering is an important discipline in the power systems area. Several projects both in ultra-high voltage (UHV) ac and dc transmission are being planned and executed in our country. This short course is a platform to discuss the existing scenarios, analyze them and develop possible future road map.

Course Contents:

1. Basics of generation of high AC, DC and impulse voltages and currents.
2. Over-voltages in power systems
3. Lightning issues related to UHV power transmission
4. Recent advances in UHV transmission & distribution systems
5. Introduction to substation automation, SCADA, smart grid and electricity regulations
6. Lab. demonstrations & industry visit.

Course Organization:

The course consists of lectures, lab visits, demos, industry visits and technical discussions.

Faculty:

IISc faculty and a few experts from industry and R&D Institutes 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/- per day (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.

A few seats are available for non-sponsored (self-support) teachers, practicing engineers from Utilities, R&D organizations, industries and other interested in this course. 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 guest 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.

CENTRE FOR CONTINUING EDUCATION
Indian Institute of Science
Bengaluru – 560 012

QIP Short Term Course
On
Recent Advances in UHV Transmission and Distribution
19th to 23rd December 2016

Registration Form
(Please mail to reach before 4th November, 2016)

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…………………..
  dated……………………………..

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 “Recent Advances in UHV Transmission and Distribution” to be held during 19 th – 23 rd December 2016 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

Please mail this application to:

Please mail the filled-in application form to:

The Section Officer
Centre for Continuing Education
Indian Institute of Science
Bengaluru - 560 012
Telephone: 080-2360911, 22932055/2491
Email: so@cce.iisc.ernet.in/
  office@cce.iisc.ernet.in

To reach on or before 4 th November, 2016

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 /others should send their application along with a DD for Rs.10,000/- drawn in favour of “Registrar, Indian Institute of Science, Bangalore-560012” payable at Bengaluru.

Deadlines:

Receiving completed application: 4 th November, 2016

Intimation of selection: 10 th November, 2016

QIP Short Term Course

On

Recent Advances in UHV Transmission and Distribution

19 th to 23 rd December 2016

Coordinator
Dr. Subba Reddy B
Principal Research Scientist
High Voltage Laboratory
Department of Electrical Engineering

Sponsored by
AICTE, NEW DELHI

Centre for Continuing Education
Indian Institute of Science
Bengaluru – 560 012

(Xerox copy of this from may also be used)