Course Outline and Objectives:

a) To build capacity of faculty members and professionals working in the area of Transportation Engineering and Planning to develop sustainable transport solutions for Indian cities and regions.

b) To impart training of modeling and analytical methods to measure and analyze sustainability of transportation projects and policies.

c) To give an inter-disciplinary understanding of various factors related to urban planning, land use, perception/aspirations, travel behavior that affects the development and promotion of sustainable transport.

Course Contents:

a. Introduction to sustainable transport.

b. Indicators or sustainable Transport.

c. Modelling and analytical techniques to measure and analyze sustainability of transportation projects and policies.

d. Urban and land use planning for sustainable transport.

e. Activity-based travel demand modeling for scientific decision support on sustainable transport.

f. Modelling and planning for public transport, and non-motorized transport.

g. Impact of factors related to perception/aspirations and travel behavior, on development and promotion of sustainable transport.

h. Exposure to soft computing tools for sustainable transport modeling and planning.

Course Organization:

The course will consist of lectures by IISc faculty and guest faculty.

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, scientists from R&D organisations, practicing engineers from industry and others 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
Modelling and Analysing Sustainable Transport for Scientific Decision Support
26 – 30 December, 2016

Registration Form
(Please mail to reach before 15th 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. Courses taught/professional responsibilities ………

11. Accommodation required Yes / No
12. Self-support candidate : Rs. 10,000/- DemandDraftNo…………………… 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 “Modelling and Analysing Sustainable Transport for Scientific Decision Support” to be held during 26th – 30th 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

(Xerox copy of this from may also be used)

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 15th 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: 15th November, 2016

Intimation of selection: 18th November, 2016

QIP Short Term Course
On

Modelling and Analysing Sustainable Transport for Scientific Decision Support

26th – 30th December, 2016

Coordinator
Dr. Ashish Verma
Associate Professor,
Dept. of Civil Engineering

Sponsored by
AICTE, NEW DELHI

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