

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:.....

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

8. Teaching Experience.....(Years)
9. Industry Experience(Years)
10. Courses taught/professional responsibilities.....
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11. Accommodation required Yes / No
12. Self-support candidate : Rs. 10,000/-
DemandDraftNo..... dated.....

Please mail the filled-in application form to:

The Section Officer
Centre for Continuing Education
Indian Institute of Science
Bengaluru - 560 012
Telephone: 080-23600911, 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**

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.....

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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 form may also be used)