

One week online short term course
on
Traffic Flow Modelling

05-09 July 2021

Organised by

School of Infrastructure
Indian Institute of Technology
Bhubaneswar



Sponsored by



All India Council for Technical Education
(AICTE)

QIP-STC on
Traffic Flow Modelling
(05-09 July 2021)
Registration Form

1. Name:
 2. Gender:
 3. Designation:.....
 4. Department:.....
 5. Address:.....
.....
Tel (Off):.....Mob:.....
E-mail:.....
 6. Educational Qualification:.....
.....
 7. Area of research:
 8. Do you want to join as: (tick the appropriate one)
(a) QIP participant (b) Sponsored (Non QIP)
 9. Payment details: Transaction ID/DD No
- Date:Amount (refer Table 1):

Date Signature of the applicant:

Endorsement of the
Head of the Institution/Department

Sri/Smt/Dr. _____ of
_____ Department of
_____ Organization/

Institute is permitted to attend the STC (online mode) on “**Traffic Flow Modelling**” at IIT Bhubaneswar. This is to certify that this institute is recognized by AICTE.

Date:.....Signature of The Head of the Institution (With seal)

About the course:

- The course aims at introducing the participants with nuances of traffic flow modelling and its management. Conceptual aspects, methodologies, analytical techniques will be demonstrated using examples. In general, the following areas will be covered in-depth and comprehensive information will be provided to the participants:
- Parameters of traffic flow modelling
- Fundamental relations of traffic flow modelling
- Statistical modelling of arrival pattern of vehicles
- Traffic stream models and calibration of models
- Estimation of capacity and LOS of different facilities, Operational analysis of multi-lane divided highways
- Car-following models
- Assessment of U-Turns at uncontrolled median openings. Different types of merging, conflicting traffic volume estimation etc.
- Application of Markov process
- Traffic Fluid Analogy: An overview.

Resource Persons:

Lectures will be delivered by experts working with different Indian institutions, Research organizations, and Govt. organizations.

Certificate of Participation:

All the participants will be awarded the certificate of participation at the end of the course.

Note: The lectures will be conducted using an online platform. The link will be shared with only the registered participants.

Table -1

S. No.	Participants Category	Course Fee
1	Faculty of AICTE approved Engineering College (Within 30) (Selection of 30 eligible participants will be made on first come first basis)	1) No Course fees 2) They need to transfer/deposit DD of Rs. 1000/- in favor of CEP, IIT Bhubaneswar (Which will be refunded on successfully joining the course)
2	Faculty of AICTE/ Non – AICTE approved Engg Colleges /Scientist/Research Scholar (Exceeding 30)	Rs. 1000/-+18% GST
3	Engineers from Industry	Rs. 3,000/- + 18% GST

Bank details for payment

A/c Name : CEP, IIT Bhubaneswar
A/c No. : 24282010001960
IFSC Code : CNRB0017282
Bank : Canara Bank, IIT Bhubaneswar, Argul Branch
GSTNO. : 21AAAAI2760A1ZJ

Note: Last date for registration is 23rd June 2021

Coordinator

Dr. P. P. Dey

School of Infrastructure

IIT Bhubaneswar

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