

**QIP-STC on  
Traffic Flow Modelling  
(26-30 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. Category of Participant (Refer Table 1): .....
9. Payment details: Transaction ID .....
- Date: .....Amount : .....

Date ..... Signature of the applicant: .....

Link for registration: <https://forms.gle/Zs8Nsr1uYmeYXPuk6>

**Endorsement of the  
Head of the Department/Institution/Organisation**

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 (With seal)\*

\*in case of difficulty in getting signature and seal of the  
Head, an official email confirmation will be sufficient

*Short term course  
on*  
**Traffic Flow Modelling  
(TFM-2021)**

**26<sup>th</sup> to 30<sup>th</sup> July 2021**

*(under the aegis of TEQIP)*

**Coordinators**

**Dr. Partha Pratim Dey  
Dr. Rajesh Roshan Dash**



*Organised by*

**School of Infrastructure  
Indian Institute of Technology Bhubaneswar**

**Table -1**

S. N.	Participants Category	Course Fee
1	Faculty of AICTE approved Engineering Colleges*	No Course fees
2	Faculty of other Engineering Colleges/ Scientist from Research Organizations/ Officials/Engineers from Industry*	Rs. 1000/-
3	Research Scholars and PG Students*	No Course fees

\*Selection of participants will be made on first come first basis

**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 21<sup>st</sup> July 2021**

**Link for Registration:**

<https://forms.gle/Zs8Nsr1uYmeYXPuk6>

**Coordinators**

**Dr. Partha Pratim Dey and Dr. Rajesh Roshan Dash**

School of Infrastructure

IIT Bhubaneswar

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Email: [rrdash@iitbbs.ac.in](mailto:rrdash@iitbbs.ac.in)

**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.
- Environmental Consideration on Traffic Flow Modelling

**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.