



## TRG NEWSLETTER

November, 2021.

Volume 3, Issue 3

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### CTRG-2021

Transport Research Group of India is pleased to invite you to the city of Tiruchirappalli to participate in the 6th Conference of the Transportation Research Group of India (CTRG-2021) between 14 and 17 December, 2021. The objective of the conference is to create and provide a forum within India for interchange of ideas among researchers, educators, practitioners, managers, and policy-makers in transportation in India and around the world. We intend to cover a wide spectrum of topics related to transportation of people and freight.



### 6<sup>th</sup> Conference of Transportation Research Group of India

**14-17 December 2021**  
Tiruchirappalli (Trichy),  
Tamil Nadu, India

### Conference Venue:

SRM Hotel Trichy,  
Race Course Road  
Tiruchirappalli, Tamil Nadu

**Participants Registered** 200 +

**Oral presentation** 100 +

**Posters sessions** 50 +

**Keynote sessions** 10



### Previous Newsletters



For more details visit:

<https://ctrg2021.trgindia.org>



### CTRG Evolution



**2<sup>nd</sup> CTRG 2013**  
Agra



**4<sup>th</sup> CTRG 2017**  
Mumbai

**TRG Group welcomes you**

**Tiruchirappalli**  
**6<sup>th</sup> CTRG 2021**

**1<sup>st</sup> CTRG 2011**  
Bangalore

**3<sup>rd</sup> CTRG 2015**  
Kolkata

**5<sup>th</sup> CTRG 2019**  
Bhopal



## Keynote Speakers



**Dr. Radhakant Padhi**  
IISc Bangalore  
**Topic:** Air Traffic Modelling  
over Airspace of India



**Dr Fwa Tien Fang**  
National University of Singapore  
**Topic:** Air Traffic Modelling over  
Airspace of India



**Dr. Markos Papageorgiou**  
Technical University of Crete,  
Greece  
**Topic:** Traffic Management for  
the 21st Century



**Dr. Laurence R. Rilett**  
Auburn University, USA.  
**Topic:** Use of Microsimulation in  
the US HCM & Potential Lessons  
for India



**Dr. K. Sudhakar Reddy**  
IIT Kharagpur  
**Topic:** Pavement Design in  
India: Past, Present and Future



**Dr. Hans van Lint**  
TU Delft, Netherlands  
**Topic:** Traffic/Demand Estimation  
and Prediction



**Dr. Said Easa**  
Ryerson University, Toronto,  
Canada.  
**Topic:** Advances and  
Innovations in Highway  
Geometric Design



**Dr. Manoranjan Parida**  
IIT Roorkee  
**Topic:** Developing a Service  
Quality Framework for Mass  
Rapid Transit System in India



**Rajesh N**  
M/s Asia Infrastructure  
Advisory Services, Bangalore  
**Topic:** Challenges in Geometric  
Design



**Dr. Manoj Jha**  
Advancement Strategy  
Consulting, Columbia, MD, USA.  
**Topic:** Place of AI, Big Data & ML  
in Transportation – Case Studies



## Executive Courses



### Course ID: 1

#### Use of marginal material and new technology initiatives in the rural roads

##### Resource persons:

Dr. Aravind Krishna Swamy, IIT Delhi

Dr. Priyansh Singh, IIT Indore

### Course ID: 2

#### Deep learning and it's application in transportation engineering

##### Resource persons:

Dr. Pranamesh Chakraborty, IIT Kanpur

Dr. Anuj Sharma, Iowa State University, USA



### Course ID: 3

#### Pedestrian flow and risk modelling

##### Resource persons:

Dr. Ashish Verma, IISc Bangalore

Dr. Zheng Zhu, Hong Kong University of Science and Technology

### Course ID: 4

#### Methods for analysis and planning of public transit systems

##### Resource persons:

Dr. Abdul Rawoof Pinjari, IISc Bangalore

Dr. Ipsita Banerjee, University of California, Berkeley, USA

Dr. Tarun Rambha, IISc Bangalore



## Executive Courses



### Course ID: 5

#### Macroscopic Modeling and Control of Motorway Traffic

##### Resource persons:

Dr. Markos Papageorgiou, Technical University of Crete, Greece

Dr. Bhargava Rama Chilukuri, IIT Madras

### Course ID: 6

#### Air-Traffic Management over Indian Airspace: Operational Procedures and Dynamic Flow Modelling

##### Resource persons:

Dr. Radhakant Padhi, IISc Bangalore

Dr. K. P. Sooraj, Asst. General Manager (ATC), Airport Authority of India, Chennai



### Course ID: 7

#### Driving Behaviour Assessment Techniques for Traffic Safety Studies

##### Resource persons:

Dr. Manoranjan Parida, IIT Roorkee

Dr. Ankit Kathuria, IIT Jammu

Dr. Digvijay S. Pawar, IIT Hyderabad

Er. Akshay Gupta, IIT Roorkee

### Course ID: 8

#### Construction and maintenance of rural roads

##### Resource persons:

Dr. Anjan Kumar, IIT Guwahati

Dr. Lyngdoh, IIT Guwahati



**Note: Only participants having valid CTRG registration can register for Executive course**

**For more information on Executive Courses, visit:**

<https://ctrg2021.trgindia.org/>





## Doctoral Research Symposium of Transportation Research



A Doctoral Research Symposium in Transportation Research, which will provide a platform for Ph.D. students to showcase their dissertation work and network with academicians and industrialists working in those areas, will be conducted as part of the 6<sup>th</sup> CTRG.

### Special Session

#### Special Session - 1

**Research Findings of Kumbha Mela Experiment: Measuring and Understanding the Dynamics of Mankind's Largest Crowd.**

**Speaker:** Dr. Ashish Verma (IISc Bangalore)

#### Special Session - 3

**Church Street First – Impact Assessment of Pedestrianizing an Urban Street in terms of Quality of Life**

**Speaker:** Dr. Ashish Verma (IISc Bangalore)

#### Special Session- 2

**Future of Behavioural Mobility Sensing for Travel Behaviour Analysis, Demand Modelling and Transportation Planning in India**

**Speaker:** Dr. Abdul Pinjari (IISc Bangalore)  
Dr. Manoj M (IIT Delhi)  
R. Gopalakrishnan (CRIS)

#### Special Session- 4

**Introduction to Reinforcement Learning and Open AI Gym for Transportation Applications**

**Speaker:** Dr. Tarun Rambha (IISc Bangalore)

### Workshops

#### Workshop-A: Sustainable Transport

**Chair:** Dr. Mukti Advani, CSIR-CRRI

**Co-Chair:** Dr. Rahul TM, IIT Ropar

#### Workshop-C: Traffic Systems Analysis

**Chair:** Dr. Shriniwas Atkarkar, SVNIT Surat

**Co-Chair:** Dr. Marisamynathan Sankaran, NIT Trichy

#### Workshop-B: Transportation Modes, Planning & Demand Forecast

**Chair:** Dr. Prasanta Sahu, BITS Hyderabad

**Co-Chair:** Dr. Manoj M., IIT Delhi

#### Workshop-D: Highway Materials & Pavement

**Chair:** Dr. Aravind Swamy, IIT Delhi

**Co-Chair:** Dr. Sunitha V., NIT Trichy

For more information on program schedule, visit:

<https://ctr2021.trgindia.org/page-details.php?pgurl=344034ebb4a852fa220707e4303f0353bce3a60f>



## CTRG-2021 Registration Details

Sl. No	Delegation Category	Normal (up to 01 Dec 2021)	Spot (up to 17 Dec 2021)
		<b>Members</b>	
1	TRG member delegates from India	₹ 12,500	₹ 15,000
2	TRG International members	\$350	\$400
3	TRG student members from India	₹ 5,500	₹ 7,000
		<b>Non-members</b>	
4	Delegates from India	₹ 15,000	₹ 17,500
5	International delegates	\$375	\$425
6	Student delegates from India	₹ 6,500	₹ 8,000
7	International student delegates	\$170	\$200
		<b>Membership + Registration</b>	
8	Delegates from India (TRG Life Membership + Registration)	₹ 27,500	₹ 30,000
9	International Delegates (TRG Life Membership + Registration)	\$1,850	\$1,900
10	Student delegates from India (1 Year Student Membership + Registration)	₹7,000	₹ 8,500

For Registration, visit:

<https://ctr2021.trgindia.org/registration>



## Sponsorship Opportunity – 6th CTRG

The Transportation Research Group of India would like to invite you to participate as a sponsor of the 6<sup>th</sup> Conference of Transportation Research Group of India (CTRG 2021). There are multiple sponsorship opportunities to make your presence felt amongst the leading transportation professionals



<b>Platinum:</b>	INR 5.0 Lacs
<b>Diamond:</b>	INR 3.0 Lacs
<b>Gold:</b>	INR 1.0 Lacs
<b>Sessions:</b>	INR 3.0 Lacs
<b>Silver:</b>	INR 0.5 Lacs

## Additional Sponsorship Opportunity – 6th CTRG

Sl. No.	Particulars	Amount (INR)
1	Registration counter (Branding at the registration counter and access to the database)	0.5 lac
2	Delegate kit (logo on the delegate bags along with conference logo)	0.5 lac
3	Display during conference (All standard size banners or posters)	0.5 lac
4	Badges with lanyards (company logo on badge/Pouch/Lanyard, depending on shortlisted samples)	0.5 lac
5	Gala dinner (Branding at the venue, announcement recognizing the sponsor & 5 min, slot for a video)	5.0 lac
6	Conference lunch (per day) (Branding at the venue, Public announcements recognizing the sponsor)	3.0 lac
7	Coffee/Tea/Snacks counter (per day) (Branding at the venue, Public announcements recognizing the sponsor)	0.5 lac
8	Website displays (Company description and rollovers for advertisements in the website)	0.5 lac
9	Display during poster sessions (Company logo on all poster display boards)	0.5 lac
10	T-shirts for volunteers (Company logo with conference logo)	0.5 lac
11	Company flyer in delegate kits	0.5 lac

**Note:** The company should provide us the flyers or the same would come at an additional cost depending on the art work. Above mentioned conditions are subject to change.

### Souvenir Advertisement

Quarter Page Advertisement: INR 10,000

Half Page Advertisement: INR 20,000

Full Page Advertisement: INR 30,000

Full Page Advertisement inside of front cover page: INR 50,000

Full Page Advertisement inside of back cover page: INR 50,000

### Exhibition Opportunities: 1.0 Lac

GST should be paid as per the rates prevailing on the day of conference by the sponsors directly to government and proof of GST payment should be submitted to the organizer.

**For more sponsorship options and details visit:**

<https://ctr2021.trgindia.org/Sponsorship-Brochure-of-6th-CTRG.pdf>



## Job Opportunities

### PhD & Post-Doctoral Positions

**PhD position in Transport, Logistics, Operations Management – MAGPIE project – ERIM, Netherlands.**

**Deadline:** 2<sup>nd</sup> December, 2021

[Click for more details](#)

**PhD position - School of Business and Governance, Ragnar Nurkse Department of Innovation and Governance.**

**Deadline:** 15<sup>th</sup> December, 2021

[Click for more details](#)

**PhD position - University of Huddersfield - Future Mobility Lab - Huddersfield Business School, UK**

**Deadline:** 5<sup>th</sup> February, 2022

[Click for more details](#)

**PhD position - smart urban resilience starting Fall 2022 at Civil Engineering, University of Delaware.**

**Deadline:** not mentioned.

[Click for more details](#)

**PhD scholarship in Transport Infrastructure Construction Estimating and Management Technical University of Denmark, Denmark**

**Deadline:** 10<sup>th</sup> December, 2021

[Click for more details](#)

**Postdoctoral Fellow and PhD Fellow - Department of Civil, Environmental and Architectural Engineering, University of Kansas**

**Deadline:** 15<sup>st</sup> December, 2021

[Click for more details](#)

### Faculty Positions

**Faculty Positions in The department of Civil and Environmental Engineering**

**Institute:** University of Connecticut, School of Engineering

**Deadline:** 10<sup>th</sup> January, 2022

[Click for more details](#)

**Faculty Positions – Civil and Environmental Engineering at Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea**

**Deadline:** 31<sup>st</sup> December 2021

[Click for more details](#)

**Assistant Professor and Associate Professor (Regular/Contract )in National Institute of Technology, Sikkim**

**Deadline:** 6<sup>th</sup> December, 2021

[Click for more details](#)

**Assistant Professor and Associate Professor in Dr.Bhimrao Ambedkar University, Agra.**

**Deadline:** 13<sup>th</sup> December, 2021

[Click for more details](#)

**Assistant Professor, Sustainable, Resilient, and Equitable Infrastructure Planning and Operations, Civil & Environmental Engineering, University of Connecticut, USA.**

**Deadline:** open until filled

[Click for more details](#)

**Assistant Professor - Civil, Environmental and Architectural Engineering (CEAE) at Worcester Polytechnic Institute - WPI**

**Deadline:** open until filled

[Click for more details](#)

**Assistant Professor (Grade II & I) in Indian Institute of Technology, Madras**

**Deadline:** 2<sup>nd</sup> December, 2021

[Click for more details](#)

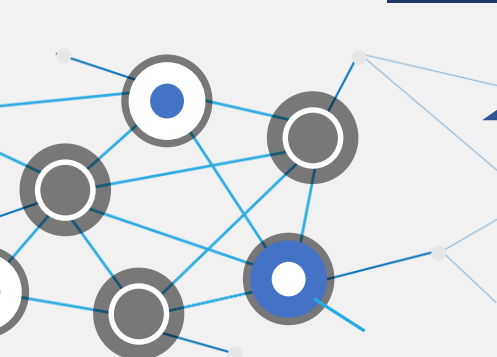
**Guest-Faculty Positions in National Institute of Technology, Kurukshetra**

**Deadline:** 25<sup>th</sup> December, 2021

[Click for more details](#)



## Opportunity for ADVERTISEMENT in Newsletter



### Cost of advertisement

### OPPORTUNITY to advertise in TRG Newsletter

TRG newsletter is published quarterly, and is popular among the transportation professionals in India and abroad. Given the strong outreach of the newsletter, the advertisement of your company or product will help grow your business.

If you want to advertise your product or business, please contact

[trgindiamanager@gmail.com](mailto:trgindiamanager@gmail.com)

### TRG

#### Mission and Vision

**Mission:** To aid India's overall growth through focused transportation research, education, and policies in the country.

**Vision 1:** To provide a unique forum within India for the interchange of ideas among transportation researchers, educators, managers, policymakers from India and all over the world, with the intention of covering all modes and sectors of transport (road, rail, air, and water; public and private; motorized and non-motorized) as well as all levels (urban, regional, inter-city, and rural transport) and for both passenger as well as freight movement, in India.

**Vision 2:** To serve as a platform to guide and focus transportation research, education, and policies in India towards satisfying country's needs and to assist in its overall growth.

2085

Facebook Page Likes of the TRG Page

11858

Facebook post engagements and reach

2117

FB Page Followers

100+

Member Affiliation:  
Academic Institutions,  
Private Industry,  
Research Institution,  
Government organization

09

TCT Committees

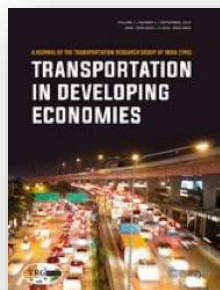
02

Partner Journals

10 yrs.

TRG Age

## Official Journal of TRG



Transportation in Developing Economies (Springer)

The journal provides a forum for discussion of research on transportation problems uniquely arising in the developing world. The contents include papers on all topics related to transportation, emphasizing research, planning and engineering problems that typically arise in developing economies.

**Editor-in-Chief:** Prof. Partha Chakroborty

**Latest Issue:** Volume 8 Issue 1, April 2022

### Connect with us at:



trgindiamanager@gmail.com



### Reach Us at:

*Transportation Research Group of India (TRG)  
c/o Prof. Ashish Verma, Associate Professor,  
Department of Civil Engineering, Indian Institute of Science (IISc),  
Bengaluru, Karnataka, India – 560012  
Tel: +91 80 22932329; Fax: +91 80 23600404  
E-mail: [trgindiamanager@gmail.com](mailto:trgindiamanager@gmail.com); Web: [www.trgindia.org](http://www.trgindia.org)*

### Editors



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