



TRG NEWSLETTER

May, 2022

Volume 4, Issue 2

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Previous Newsletters



TRG India successfully completed 11 years...



Message From President:

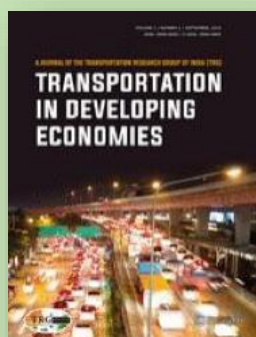
Dear Transportation Professionals,

Transportation Research Group of India (TRG) has completed a successful journey of 11 years since its inception. During this journey, TRG has brought along many eminent researchers, academicians, field practitioners, engineers, students and policy decision-makers from India as well as other countries by organizing regular webinars, workshops, hackathons, doctoral research symposium, and conferences at national and international level. These TRG events provide an excellent platform for the interchange of ideas and knowledge.

TRG is open to different types of membership and I appeal to all transportation professionals to become its members and contribute actively to this important endeavour. Further, I hope to get your active support and participation in making this society even bigger and stronger.

Best Wishes,
Prof. Akhilesh Kumar Maurya,
IIT Guwahati
President, TRG India.

Official Journal of TRG



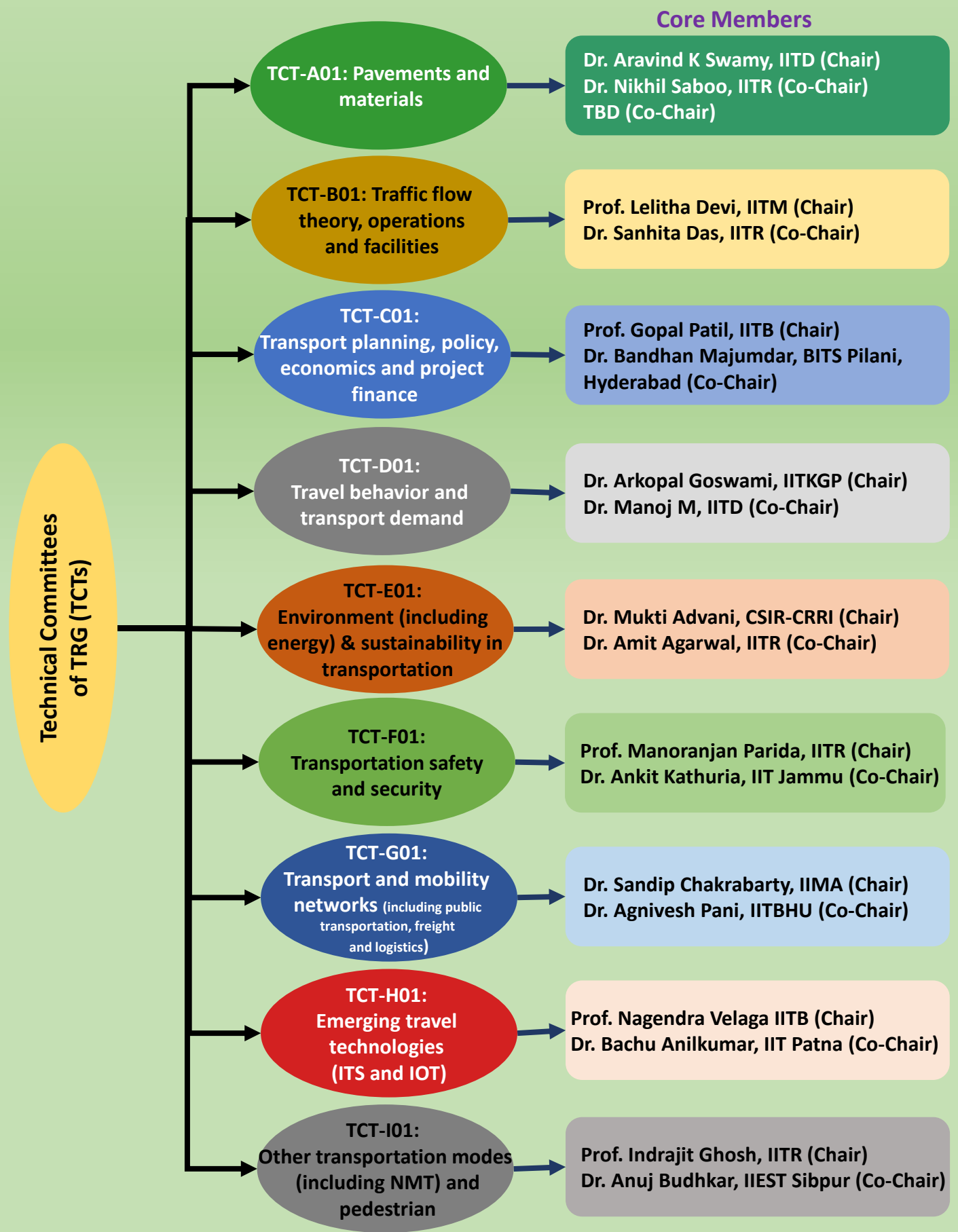
Transportation in Developing Economies, TiDE (Springer)

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 2, October 2022

TCT Chair & Co-Chair



11th Foundation Day

Transportation Research Group of India (TRG) has completed a successful journey of 11 years since its inception. The 11th Foundation Day celebration was organized by TRG in collaboration with SVNIT Surat and IUT, India on 28th May 2022 at SVNIT Surat. Dr. S. S. Arkatkar, (Vice-President, TRG) welcomed the gathering, afterwards Prof. Akhilesh K. Maurya, (President, TRG) shared the journey of TRG and its future plan. Prof. G. J. Joshi (HOD, DoCE, SVNIT Surat) briefed about the department and TE&P section of SVNIT Surat and Prof. B K Katti has presided over the function as chief guest. Presidential address was delivered by Prof. R V Rao, Director, SVNIT, Surat.



Three special talks were organized. Prof. Partha Chakroborty (Professor, IIT Kanpur), Mr. Amit Bhatt (Managing Director, ICCT), and Dr. Rajesh Pandya (Rtd. Dy. Commissioner, SMC & Adjunct Prof. of Practice, DoCE, SVNIT, Surat) were delivered the expert talks in the event.



In March 2022, TRG in collaboration with SVNIT Surat announced a nationwide “Call for Interdisciplinary Ideas”. This competition aims to bring together researchers from various disciplines and focuses particularly on interdisciplinary approaches for solving transportation related problems. The competition received abstracts that exhibit potential to improve/modify/innovate the processes of planning and design, data collection and analysis, modelling, and control of transportation systems.

Among the submitted ideas, total 4 ideas were shortlisted. Respective teams presented their ideas in front of the judging panel at the 11th Foundation day program. The winning Team was awarded with a cash prize and a Certificate.

Special General Body Meeting (GBM) and Executive Board Meeting (EBM)

TRG’s Special General Body Meeting (GBM) and Executive Board Meeting (EBM) were held on 28th May 2022 at ARC #605, SVNIT Surat.



TRG’s Executive Board Meeting on 28th May 2022

Glimpse of Foundation Day Celebrations



Talk by Prof. Partha Chakroborty, Professor, IIT Kanpur.



Talk by Mr. Amit Bhatt, Managing Director, International Council on Clean Transportation



Presentation by the team member of shortlisted ideas for Interdisciplinary Ideas Competition



Judge panel for evaluation of the shortlisted ideas presented by students

Results of "call for interdisciplinary ideas"



The winner of Interdisciplinary Ideas Competition was awarded with cash prize of Rs 10,000/- and a certificate by Prof. G. J. Joshi, (HOD, DoCE, SVNIT, Surat) during valedictory function.

Title: "Design & Implementation of Bus Signal Priority at Signalized Intersections"

Winning team: Shubham Patil, Shubham Kulkarni, Advait Lachake and Abhay Prakash from the Department of Computer Engineering, SVNIT, Surat.

In the News... BUDGET 2022

GPS based Toll Collection System

Currently, for vehicles plying on national highways or expressways, the toll amount is paid for the distance from one toll booth to another toll booth. From now on, the toll will be charged for the kilometer one travels. Currently, travellers pay the whole amount of the toll. If someone's journey is being completed somewhere in the middle before reaching the next toll station, still the individual has to pay the full amount. The new system will only charge money for the distance an individual has travelled. Under the new system, the tax calculation starts as soon as the vehicle enters the tolled road. This system is operational in European countries and it is quite successful in those countries, the report said. The government has decided to implement it in India replacing the existing FASTag method.



About 1.37 lakh vehicles have been covered across the country under this project. FASTag undoubtedly is a fast-forward step in digital India. It uses Radio Frequency Identification (RFID) technology for an automatic deduction of toll tax. However, GPS based toll collection will differ from FASTag because it will track you throughout. It will be vigilant of vehicle movement and collect the toll tax through GPS imaging.

Source: news.abplive.com

Multi-modal transportation System - Kochi

With the aim of making public transport the default option for all citizens of Kochi, Kochi Metro Rail Limited (KMRL) recently flagged off the India's first water metro project at Kochi, Kerala. Kochi is the second largest city in the state of Kerala after the state capital Thiruvananthapuram. Coastal borders, wide rivers across the city, back water areas, and Narrow Roads are constraints for transport system development of city. KMRL implemented not only metro rail project, they took over additional tasks like transit corridor development (cycle tracks & walkways), integration of multimodal transit systems, easy access to transit stations through feeder services & E-Bike Systems. Various transit modes like Local bus services, Metro rail, water metro, auto rickshaw are integrated through common time table and can be paid through single smart card or through Transport Mobile Application. KMRL attempting to enhance the metro experience for migrating car-owners to public transport modes. With State-of-the-Art signage systems, musical & Oral guidance, Tactile Sinages, Flora at station landscapes and the pier of viaduct are some of the enhancements carried out by KMRL to attract Passengers.



Source: news.abplive.com

Call for Papers

Special Issue of Transportation Letters on “Driver Behavior and Road Safety: Technological Advances in Combatting Human Errors and Behavioral Alarms”

For More Details: [Click Here](#)
Submission Deadline: August 31, 2022

Special Issue of Accident Analysis & Prevention on “Distraction and Road Safety: emerging issues and prevention”

For More Details: [Click Here](#)
Submission Deadline: August 31, 2022

Special Issue of Transportation Research Part C: Emerging Technologies on “Emerging On-Demand Passenger and Logistics Systems: Modelling, Optimization, and Data Analytics”

For More Details: [Click Here](#)
Submission Deadline: June 30, 2022

Special Issue of Transportation Safety and Environment on “Transportation and Environment”

For More Details: [Click Here](#)
Submission Deadline: August 31, 2022

Special Issue of Transportation Research Part D: Transport and Environment on “Green pathways for a connected and automated vehicle future”

For More Details: [Click Here](#)
Submission Deadline: January 31, 2023

PhD & Post-Doctoral Openings

2 Research Associates - Pavement Materials and Engineering
Louisiana State University
Baton Rouge, LA, USA.

Deadline: Open until filled
[Click for more details](#)

Ph.D. Position - Transportation Systems Optimization at Florida International University, Miami, FL
Deadline: Open until filled
[Click for more details](#)

Postdoctoral Fellow - Pavement Materials and Engineering
SRM University, Andhra Pradesh.
Deadline: Open until filled
[Click for more details](#)

Multiple PhD/M.S positions – Transport Emission modeling at Dalhousie University, Nova Scotia, Canada .
Deadline: open until Filled
[Click for more details](#)

Postdoctoral fellow in Urban Data Science and AI at Texas A&M University - College Station, TX, USA.
Deadline: open until Filled
[Click for more details](#)

Postdoctoral Research Associate - Modeling, and simulation for vehicle automation at Florida Atlantic University, Boca Raton, FL, USA.
Deadline: open until Filled
[Click for more details](#)

PDF positions - electric vehicles, autonomous vehicles, and transportation systems at University of California, Davis.
Deadline: 15/06/2022
[Click for more details](#)

Ph.D. position – Traffic simulation of autonomous EV in University of Connecticut, CT, USA
Deadline: Open until filled
[Click for more details](#)

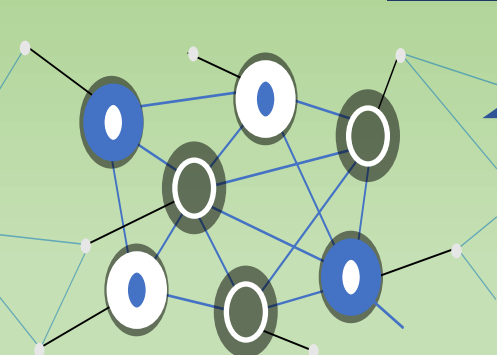
PhD position - Human Factors of Autonomous Driving at University of Windsor, ON, Canada.
Deadline: 01/02/2023
[Click for more details](#)

PhD position - Transport System & Logistics laboratory at Imperial College London, UK.
Deadline: open until Filled
[Click for more details](#)

Postdoctoral Fellow and Ph.D. students in Transportation Engineering at Howard University, Washington, DC, USA.
Deadline: open until Filled
[Click for more details](#)

2 Ph.D. positions in areas of transportation equity, emerging mobility, pedestrian & cyclist safety at Wayne State University, Detroit, Michigan .
Deadline: open until Filled
[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

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.

2153

Facebook Page Likes of the TRG Page

11858

Facebook post engagements and reach

2176

FB Page Followers

100+

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

09

TCT Committees

01

Partner Journals

10+ yrs.

TRG Age

Upcoming Conferences



2nd International Conference on Transportation Infrastructure Projects : Conception to Execution organized by Transportation Engineering Group, Department of Civil Engineering, IIT Roorkee from 14 - 17 September, 2022. For more details [Click here](#)



4th National Conference on Recent Advances in Traffic Engineering (RATE-2022) organized by Transportation Engineering and Planning Section, Department of Civil Engineering, SVNIT Surat from 04 - 05 November, 2022. For more details [Click here](#)

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