



TRG NEWSLETTER

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TRG Decennial Year Celebration

Transportation Research Group of India celebrated the successful completion of its 10 Year Journey on 28th May, 2021. 10 year back, the foundation of TRG was laid when it got formally registered as a society. However, the idea of TRG was developed and evolved over a long period of 3 years. The very first meeting to discuss on such an initiative of collaboration was proposed and held during First Indo-US Symposium on Advances in Mass Transit and Travel Behaviour Research (MTTBR-08), which was organized by Dr. Ashish Verma (jointly with Prof. Ram Pendyala from Arizona State University, USA) at IIT Guwahati during February 12-15, 2008.



That is where this very important idea of forming a society of the name Transportation Research Group of India (TRG) emerged with its focus on furthering transportation research and academics in the country, and it was agreed to pursue and work on it further. Subsequent to this, more meetings in smaller groups were held at different occasions to discuss on formation of TRG and taking it further. However, this whole effort of forming TRG saw lots of ups and downs over a period of 3 years after which the establishment of TRG was finally announced in December 2010 and it got formally registered as a society on 28th May 2011, which in future will always be remembered and celebrated as the Foundation Day of TRG.

 Video Link

Words of wisdom by Keynote Speaker at TRG Decennial Year celebration

Prof. Kumares C. Sinha, Purdue University

Prof. Sinha remembered the memories of joint conference organized by transportation researchers of US and India held at IIT Guwahati. He reminded that how the area of traffic engineering, transit operations and transport planning grows. He recommended that research results should translated into operational practices and public policies to make research useful for society. He suggested TRG should reach out to IRC and other groups to work on common areas. He concluded his remarks by remembering Prof. B. B. Pandey of IIT Kharagpur who recently passed away.

 Video Link

Prof. V. Thamizh Arasan, IIT Madras

Prof. Arasan, Retired Professor, IIT Madras and Founder-Member of TRG, after being appreciative of the achievements of TRG India in a decade, made SWOT Analysis of TRG India. He suggested a few strategies as the way forward for the future of TRG India. They are: (i) Enhancing the membership of TRG on mission mode, (ii) Getting Scopus indexed status for the journal, TIDE of TRG and (iii) Modification of the name "Transportation Research Group of India" as "Transportation Research Society of India" as he felt that the word 'Group' refers to a small number of individuals involved in a certain activity, whereas TRG actually covers a large number of professional involved in Transportation research and practice in a larger country (India).

 Video Link

Dr. S. Gangopadhyay, Former Director CRRRI

Former Director CRRRI insisted on the importance and role of TRG and its formation. He recollected memories and collaborations of TRG-India with CRRRI and events organized by CRRRI as a part of TRG. He shared moments during release of Indo-HCM at CTRG-2013, when he was the Director of CRRRI. He addressed Impacts of Covid Pandemic on life of common people and highlighted needs and expectation of society from transportation community. He suggested to summarize the outcomes of every CTRG and submitting those outcomes to the government as a report, so that they can utilize those outcome for policy making purpose. He thrust TRG to promote and encourage collaborative research proposals between leading institutes.

Prof. G Raghuram, Director, IIMB

Prof. Raghuram conveyed his wishes to TRG India for completing 10 years and called TRG a highly sustainable transport research group. He recalled his presence during a 2008 meeting held at IIT, Guwahati where initial talks regarding the inception of TRG India took place. He remembered the young faculty who brought up this idea and put all their efforts to make TRG India a grand success. When the first TRG meeting happened in Bangalore, he recalled that what really took him into TRG was the quality with which it was done and the nature of sustained communication. He mentioned that quality is not just the choice of words or the functionality of the communication for such an event but the clean editing and formatting, followed with strict discipline. Seeing it grow over the years, he congratulated those who were putting in energy and wished them well. He also wished for more diversity in those involved in governance. He conveyed his greetings and wishes once again to TRG India.

Mr. Arun Shirole, Former President, ATPIO

Former President (ATPIO) briefed about the evolution of TRB and the collaborations of ATPIO with TRG. He mentioned five distinct areas where ATPIO and TRG have synergistically worked together, i.e., TRGs active participation in ATPIO annual meetings, free webinars on current topics, USA- India transportation research collaborations, ATPIO support and participation in CTRG, and specific areas of successful collaborative bilateral research. He mentioned that in last 10 years, ATPIO and TRG members have proactively collaborated in research resulting significant publications in four theme areas: (a) transportation challenges, strategies and trends, (b) transportation investment decision making, (c) highway safety and incident or disaster management, and (d) transit and resource allocation. In the concluding remarks, he said transportation infrastructure whether it is in the US or in India involves huge investment, so we got to protect and preserve it.

Prof. Chandra R. Bhatt, University of Texas, Austin

Prof. Bhat expressed his interest and joy in visiting CTRG Conferences. He congratulated TRG Group for the wonderful journey and said that it has been an interesting journey for all of us. He acknowledged that we go along the scholarly line and we have to go along with technology-loaded contributions that can be made for the betterment of society. It's our duty to ensure that we initiate community activities to go down to the community, talk to people and better understand their needs that can elevate their quality of life. He told about inter-sectoral collaborations and it is important to advance the transportation field. He thinks that this is a challenge that everyone in the transportation profession has. Prof. Bhat looks forward to our contribution and He hopes TRG will continue to do what it has done very well i.e. bringing students together during these TRG conferences to elevate enthusiasm across the board. He Wished TRG a continued successful journey.

Prof. Ashish Verma, IISc Bangalore

Former president briefed his 10 years way back from vision, mission and evolution of TRG India. He also explained activities done in the past 10 years and TIDE official journal of TRG India. He also elaborated about past CTRG's and their outcomes. He invited everyone for the 6th Conference of TRG which is happening in Trichy on December 2021.



Video
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In the News

Upcoming Webinars Planned by TRG for coming Months

- Challenges and advancement in reliable data acquisition for planning, design, construction and maintenance of transportation infrastructure
- New frontiers in data processing and analysis for better understanding of the performance of transportation infrastructure during planning, design, construction and maintenance
- Application ready solutions in planning, design, construction and maintenance of transportation infrastructure

*Different TRG technical committees will hold webinars based on above themes in the coming months and the frequency of the webinar will be twice in a month. The schedule will be shared via our Social media handle

Use of plastic waste in bituminous mix in the construction of Service Roads along National Highways.

26th March, 2021

Ministry of Road Transport & Highways vide circular no. RW-NH-33044/24/2015-S&R (R) had issued the guidelines to encourage the use of plastic waste in the hot mix bituminous wearing coat. As per the latest circular, bituminous mix with waste plastic shall be the default mode for periodic renewal with hot mixes within 50 Kms periphery of urban area having population more than 5 lakhs. Further, the circular makes it mandatorily to use waste plastic for laying of wearing coat on Service Roads along National Highways within 50 kms periphery of urban area having population more than 5 lakhs also.



Government Makes Dual Airbags Mandatory For Vehicles

2nd March, 2021

Ministry has issued Gazette notification G.S.R 148 (E) regarding mandatory provision of an airbag for passenger seated on front seat of a vehicle, next to driver. This has been mandated as an important safety feature & is also based on suggestions of Supreme Court Committee on Road Safety. Vehicles manufactured on and after the 1st Day of April, 2021, in the case of new models, and



31st day of August, 2021, in the case of existing models, shall be fitted with airbag for the person occupying the front seat, other than the driver.

No vehicle conforming to emission standard of BS-IV to be sold or registered in the Country.

10th June, 2021

As per the direction of Hon'ble Supreme Court, Ministry of Road Transport & highway via its notification dated 10th June, 2021 has directed all the licensing and registering authorities to not register the vehicles conforming to the emission standards of BS-IV



Electric vehicles exempted from registration certificate fees

27th May, 2021

The Ministry of Road Transport and Highways vide notification G.S.R 352E has exempt battery operated vehicles from the payment of fees for the issue or renewal of registration certificate and assignment of new registration mark.



TRG Upcoming Publications:

- **Proceedings of the Fifth International Conference of Transportation Research Group of India**
Volume 1 Editors: Dr. Dharamveer Singh, Dr. Lelitha Devi Vanajakshi, Dr. Ashish Verma & Dr. Animesh Das
Volume 2 Editors: Dr. Akhilesh Kumar Maurya, Dr. Bhargab Maitra, Dr. Rajat Rastogi & Dr. Animesh Das
Volume 3 Editors: Dr. Manoranjan Parida, Dr. Avijit Maji, Dr. S. Velmurugan & Dr. Animesh Das
- **Transportation Research in India – Practices and Future Directions**
Editors: Dr Akhilesh Kumar Maurya, Dr. Lelitha Devi Vanajakshi, Dr Prasanta Sahu & Dr Shriniwas Arkatkar

Members Achievements



Prof. Praveen Kumar of IIT Roorkee has been given Professorial Chair sponsored by Ministry of Road Transport & Highway (MoRTH) for three years. He will act as Ambassador for Road Development in the country.



Dr. Prasanta Sahu, of BITS Pillani, Hyderabad Campus has been appointed as Member of the Standing committee of AT 015, Transportation Research Board, USA. He has also been appointed as Handling Editor of Transportation Research Record. Further, he has also been appointed as Adjunct Professor, University of Manitoba, Winnipeg, Canada.

Research Project Sanctioned: Electric-assist bicycle (e-Bike) mobility planning for smart cities: Fostering active transportation to improve public health, air-quality, sustainability, and efficiency during COVID-19 – Asian Smart Cities Research and Innovation Network (ASCRIN)



Dr. Darshana O, Assistant Professor in the Department of Civil Engineering, NIT Tiruchirappalli received the 'Young Women Engineer Award 2021' from Institution of Engineers (India), Tiruchirappalli Local Center for her contribution to the society and engineering community.



Dr. S. Padma, Principal Scientist, CSIR-CRRI, New Delhi has recently got a research project on "Trip Patterns and its Implications on Intermediate Public Transport Services in Imphal, India" sponsored by National Mission on Himalayan Studies

CTRG - 2021

6th Conference of Transportation Research Group of India (CTRG-2021)

14-17 December 2021

Tiruchirappalli (Trichy), Tamil Nadu, India

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.

For more details 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 6th CTRG.

Sponsorship Opportunity – 6th CTRG

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

Platinum: INR 5.0 Lacs

Diamond: INR 3.0 Lacs

Gold: INR 1.0 Lacs

Sessions: INR 3.0 Lacs

Silver: INR 0.5 Lacs

For more sponsorship options and details visit:

<https://ctrg2021.trgindia.org/Sponsorship-Brochure-of-6th-CTRG.pdf>

Upcoming Webinars, Workshops, Road safety Courses

Road safety Auditor Certification Course

15-day Certification Course on "Road Safety Audit And Other Road Safety Related Aspects" for Road Safety Auditors

Organized by: CSIR-Central road research Institute, New Delhi

Date: November 15 - 30th, 2021

[Click for more details](#)

IATBR Online Seminars 2021

Theme: Deep neural networks for choice analysis

Organized By: International Association For Travel Behaviour Research

Date: Nov 29, 2021 15:00-16:00 GMT

[Click for more details](#)

IRF Young Professionals Summit 2021

Theme: Towards a Greener and Safer Mobility

Organized by: International Road Federation (IRF)

Date: 29th September 2021

[Click for more details](#)

2nd International Conference TIPCE-2022

2nd International Conference TIPCE-2022 (Transport Infrastructure Projects Conception to Execution)

Organized By: IIT Roorkee

Submission Deadline: 15th January, 2022.

[Click for more details](#)

Upcoming Training Courses by CSIR-CRRI, New Delhi

International course on dissemination of HDM-4

21-28th March, 2022

Pavement Evaluation Techniques And Their Applications For Maintenance And Rehabilitation (Online)

27-29th October, 2021

Design, Construction, Quality Control And Maintenance Of Rigid Pavements (Online)

19-21st January, 2022

[Click for more details](#)

Webinars

IRF Webinar

Theme: Rural Road Design Using the Dynamic Cone Penetrometer: A Paradigm Shift

Date: 1st September, 2021 (8:30 PM IST)

[Click for more details](#)

Theme: Sustainable Mobility Requires a New Policy Approach Today

Date: 14, 21, 28 September, and 5 October 2021.

[Click for more details](#)

NITC, Portland State University

Theme: Data-Driven Mobility Strategies for Multimodal Transportation

Date: September 15, 2021, 10:00am PDT

[Click for more details](#)

Theme: Developing and Testing Transportation Barriers Scale and Its Impact on Mental Health Among At-risk/Homeless Youth and Emerging Adults

Date: October 12, 2021, 10:00am PDT

[Click for more details](#)

Job Opportunities

PhD & Post-Doctoral Positions

15 PhD positions in the EU Horizon 2020 Marie Skłodowska-Curie Project AUTOBarge.

Deadline: 1st September, 2021

[Click for more details](#)

PhD position Transport + Energy - TUD01333
Faculty of Technology, Policy & Management
Delft University of Technology (TU Delft), Netherlands

Deadline: 25th September, 2021

[Click for more details](#)

Postdoctoral Scholar-USF JOB# 27047
Center for Urban Transportation Research
University of South Florida

Deadline: 30th September, 2021

[Click for more details](#)

Harvard Radcliffe Fellow
Harvard University, Cambridge, United States

Deadline: 30th September, 2021

[Click for more details](#)

PhD position Traffic Modelling and Impact Assessment for Sustainable Integrated Traffic Management -TUD01305

Delft University of Technology (TU Delft), Netherlands

Deadline: 25th September, 2021

[Click for more details](#)

Postdoctoral Researcher within Digital Twins for Sustainable Transport Planning
NTNU - Norwegian University of Science and Technology

Deadline: 9th September, 2021

[Click for more details](#)

Postdoctoral Fellow in Transportation Engineering
The University of British Columbia (UBC)

Deadline: 21st October, 2021

[Click for more details](#)

Faculty Positions

Faculty Recruitment - Associate Professor

Institute: IIT Palakkad

Deadline: 10th September, 2021

[Click for more details](#)

Assistant Professor in Railway Signalling Systems and Traffic Control

Institute: KTH Royal Institute of Technology

Deadline: 2nd September, 2021

[Click for more details](#)

Professorship for Transport Infrastructure
Augsburg University Of Applied Sciences, Germany

Deadline: 20th September, 2021

[Click for more details](#)

Assistant Professor (Grade II) (On contract)
National Institute Of Technology Tiruchirappalli

Deadline: 24th September, 2021

[Click for more details](#)

Faculty position in Engineering

Institute: Singapore Institute of Technology (SIT)

Deadline: Unspecified

[Click for more details](#)

Tenure-Track Civil Engineering Faculty,
University of St. Thomas, United States

Deadline: 15th December, 2021

[Click for more details](#)

Faculty in Autonomous Vehicles, Future mobilities, Sustainable Transportation

The Graduate School of Green Transportation,
Korea Advanced Institute of Science and Technology(KAIST)

Deadline: 25th October, 2021

[Click for more details](#)

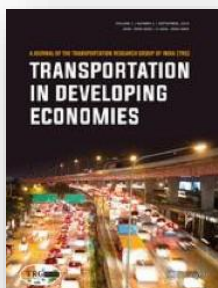
Special Recruitment drive for faculty positions in SC/ST/OBC/EWS categories

Indian Institute Of Technology Ropar

Deadline: 24th September, 2021

[Click for more details](#)

Official Journal of TRG



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

Transportation in Developing Economies (Springer)

Latest Issue: Volume 7 Issue 2, October 2021

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