

Conference Programme Schedule

January 07, 2019	January 08, 2019	January 09, 2019		January 10, 2019
8.00 am – 09.30 am Breakfast and Registration	8.00 am – 09.00 am Breakfast and Registration	8.00 am – 09.00 am Breakfast and Registration		8.00 am – 09.00 am Breakfast and Registration
09.30 am – 10.30 am Inauguration of Conference	09.00 am – 10.30 am Plenary Session – II	09.00 am – 11.00 am Plenary Session – III		09.00 am – 11.00 am Plenary Session – IV
10.30 am – 11.00 am High Tea	10.30 am – 11.00 am Tea/Coffee Break	11.00 am – 11.30 am Tea/Coffee Break		11.00 am – 11.30 am Tea/Coffee Break
11.00 am – 01.00 pm Plenary Session – I	11.00 am – 01.00 pm Sub-Plenary Session – I	11.30 am – 01.15 pm Sub-Plenary Session – II		11.30 am – 01.15 pm Sub-Plenary Session – III
01.00 pm – 02.00 pm Lunch	01.00 pm – 02.00 pm Lunch	01.15 pm – 02.30 pm Lunch		01.15 pm – 02.30 pm Lunch
02.00 pm – 04.00 pm Parallel Technical Session – I	02.00 pm – 04.00 pm Parallel Technical Session – III	TRG Panel Discussion 02.30 pm – 04.00 pm	Social Tour 02.30 pm onwards	02.30 pm – 04.00 pm Conference Panel Discussion
04.00 pm – 04.30 pm Tea/Coffee Break	04.00 pm – 04.30 pm Tea/Coffee Break			04.00 pm – 05.00 pm Closing of Conference
04.30 pm – 06.15 pm Parallel Technical Session – II	04.30 pm – 06.15 pm Parallel Technical Session – IV			05.00 pm – 05.30 pm High Tea
06.30 pm – 07.30 pm Cultural Programme	06.30 pm – 08.00 pm Cultural Programme	06.30 pm onwards Conference Dinner		
07.30 pm onwards Dinner	08.00 pm onwards Dinner			

Conference Panel Discussion

Date: Jan 10th, 2019

Time: 02:30 pm – 4:00 pm

Discussion Topic: Transportation Infrastructure Projects – Economic and Financial Viability and Cost Spillovers

Panellists:

1. **Prof. S. L Dhingra** , Ex. Adjunct Professor, Institute Chair Professor & Emeritus Fellow, Indian Institute of Technology (IIT) Bombay, Mumbai, India
2. **Prof. Roger Vickerman**, Emeritus Professor of European Economics, School of Economics, University of Kent, UK
3. **Prof. Naoyuki Yoshino**, Dean Asian Development Bank Institute Tokyo and Professor Emeritus at Keio University, Tokyo, Japan
4. **Prof. G Raghuram**, Director, Indian Institute of Management Bangalore, India
5. **Prof. K Seetha Ram**, Visiting professor at the Center for Spatial Information Science, University of Tokyo, Japan, & Senior Capacity Building and Training Specialist, ADB, & Special Advisor to East Japan Railways Company (JR East) for India High-Speed Rail.
6. **Mr. S K Gangwar**, Member Technical, Inland Waterways Authority of India, Noida, India
7. **Mr. Achal Khare**, Managing Director, National High Speed Rail Corporation Limited and Advisor Infrastructure, Ministry of Railways, Govt. of India, India
8. **Mr. Waliul Islam**, Vice President Govt. & Transaction Advisory Services, Ernst & Young, Delhi, India
9. **Prof. Satish Chandra**, Director, Central Road Research Institute, New Delhi, India
10. **Mr. Shelleyandra Kapil**, Dean, Indian Railways Institute of Transport Management (IRITM), Lucknow, U.P., India

TRG Panel Discussion

Date: Jan 09th, 2019

Time: 02:30 pm – 04:00 pm

Discussion Topic: Transport Infrastructure Development for Sustainable Indian Cities: Bridging the Gap between the Research and Practices

PLENARY TALKS

7 th Jan, 2019 (11:00 am - 01:00 pm) Chair: Prof. S Pulugurtha	
Speaker	Topic of Presentation
Prof. A. Veeraragavan	Highway Infrastructure Projects: Conception to Execution
Prof. S. L Dhingra	Economics of Transportation Infrastructure Planning, Evaluation and Decision making- Macro to Micro Level
Prof. P K Sikdar	Consulting in Transportation Infrastructure - Issues and Path Forward
Prof. Roger Vickerman	Economics of Transportation Infrastructure - Adaptive Models across Nations

8 th Jan, 2019 (09:00 am - 11:00 am) Chair: Prof. A Veeraragavan	
Speaker	Topic of Presentation
Prof. Anuj Sharma	Big Data in Transport: Applications, Implications, and Limitations
Prof. Srinivas Pulugurtha	Overarching Role of CEs on Road Transportation Infrastructure and Safety
Prof. P K Sikdar	Embedding Safety Aspects at the Stage of Planning and Design

9 th Jan, 2019 (09:00 am - 11:00 am) Chair: Prof. S. L. Dhingra	
Speaker	Topic of Presentation
Prof. Satish Ukkusuri	Addressing Uncertainty and Bias in Demand Forecasting for Large Scale Infrastructure Projects
Prof. K V Krishna Rao	Integrated Transportation Infrastructure in Metro Cities - Learning through Mumbai Experience
Prof. Prithvi Kandhal	Sustainable Blacktopping of Rural Roads in India

10 th Jan, 2019 (09:00 am - 11:00 am) Chair: Prof. Satish Ukkusuri	
Speaker	Topic of Presentation
Prof. Satish Chandra	Contribution of CRRI towards Indian Transport Infrastructure
Prof. G Raghuram	Lessons from PPPs in Transport Infrastructure Projects
Prof. Naoyuki Yoshino	Closing the Asia Infrastructure Gap: Belt and Road Initiative, Public Investment, Private Financing and Spillover Effects
Prof. K Seetha Ram	Vision for Research and Education for Planning, Implementing, and Operating Infrastructure for Sustainable Transport in India

SUB-PLenary TALKS

Talk ID	Authors	Topic of Presentation
08/01/2019 11:00 am to 1:00 pm Chair: Prof. P. K. Sikdar		
SP081	Pawan Kumar	Government Programs and Policies for Development of Transport Infrastructure in Urban India
SP082	Parin Vishariya, Vaishali Singh	City-wide Non-Motorized Transport Planning and Implementation & People Near Transit Analysis for Pune
SP083	Advait Jani	Urban Street Design Basics
SP084	Shelleyandra Kapil	Identification, Planning and Execution of Critical Areas in Improving Mobility, Turnaround and Throughput on North Central Railway, Allahabad
09/01/2019 11:30 am to 01:15 pm Chair: Prof. K. V. Krishna Rao		
SP091	Prof. Prithvi Kandhal	Recycling of Asphalt Pavements
SP093	AFCONS	
SP094	Ranjan Dutta	Economics of Transport Planning
SP092	Dr N Karuppiyah	Construction of National Automotive Test Tracks - Unique Features and Challenges Faced
SP095	Sh. M V Ramachandran	Challenges to create the Infrastructure to conduct the Full Vehicle Crash Tests as per Current Regulations.
10/01/2019 11:30 am to 01:15 pm Chair: Prof. K. Seetha Ram		
SP101	Sitesh Kumar Singh, Ashutosh Chourasia	A Case Study on Project Planning for Construction of New BG Line Involving Formation Work, Minor Bridges, Major Bridges, Rubs, Limited Height Subways & Robs between Kawar and Maheshmunda Stations of East Central Railway (16 Kms)
SP102	S. K. Gangwar	Conception to Execution of Jal Marg Vikas Project and Other National Waterways
SP103	H. O. Sharma & R. C. Sharma	Chardham Project in Uttarakhand
SP104	Waliul Islam	Infrastructure Projects – Alternative Procurement and Financing Options

Parallel Technical Session I: 07/01/2019 02:00-04:00 PM (15 minutes presentation)

1A. MATERIALS		
Session Lead: Prof. Praveen Kumar		
101	Jayvant Choudhary , Brind Kumar, Ankit Gupta	Performance Evaluation of Carbide Lime Modified Asphalt Mixes
102	C. Kamaraj, S. Lakshmi, C. Muralidharan	Construction and Evaluation of The Experimental Road Sections using Chrome Shavings as Stabilizing Additive in Dense Graded Cold Bituminous Concrete - A Case Study.
103	Ashok Julaganti, Rajan Choudhary, Abhinay Kumar	Performance Characterization of Warm Mix Asphalt Mixes for Sustainable Road Construction
105	Ambika Behl, M N Nagabhushana, Siksha Kar, Manoj Shukla, Satish Chandra	Application of Foam Bitumen in Asphalt Recycling: A Case Study
503	Ankit Sharma, G.D. Ransinchung R.N., Praveen Kumar	Adaptation and Performance of Hot Mix Asphalt Recycling Technology in India and Abroad: A Review
504	Ankush Kumar, Rajan Choudhary, Abhinay Kumar	Preliminary Investigation on the Use of Sulphur with Waste EPDM Rubber for Asphalt Binder Modification

1B. TRANSPORTATION PLANNING		
Session Lead: Prof. Avijit Maji		
201	Rabindra Kumar Kar, Manaswinee Kar	Rural Connectivity through PMGSY in India
205	Rajat Bhatia, Udit Jain, Ekta Singh	Modal Shift in Urban Areas after Introduction to App Based Cab Services: A Case of Noida
206	Javeid Ahmad Mir, Iftikhar Ahmad Hakim, Mohammad Adnan Farooq	Parking Demand Modelling for Educational Institutions in Jammu & Kashmir: A Case Study
208	Vishwajeet Kishore Verma, Rajat Rastogi	Planning and Optimising Service of A Public Transportation System
209	Anshuman Sharma, Ankit Kathuria, Manoranjan Parida, Ch. Ravi Sekhar	Determinants of Public Transport Quality of Service
310	Sujeet Kumar Modi, Sewa Ram, Ganesh Shankar Doley	Safety Evaluation of Highway Project at Post-Construction Stage - A Case Study of NH-59A in the State of Madhya Pradesh

Parallel Technical Session II: 07/01/2019 04:30-06:15 PM (15 minutes presentation)

2A. PAVEMENTS		
Session Lead: Prof. Rajan Choudhary		
107	Umesh Sharma, Ankita Khatri	Utilization of Plastic Waste in Bituminous Road Construction
110	Ashish Walia, Rajat Rastogi, Praveen Kumar, S. S. Jain	Pavement Evaluation through Non-Destructive Technique - A Way Forward
111	Pradeep Kumar SV, S. S. Jain	Comparative Analysis of Methods Available on Design of Rigid Pavements with A View to Impact Life Cycle Concept
501	Sumit Nandi, G. D. Ransinchung R. N.	Structural Behaviour of Concrete Block Pavement: A Review
502	Surya Kant Sahdeo, G. D. Ransinchung R.N., Sumit Nandi	A Review on Performance of Pervious Concrete Pavement Incorporating Different Waste Materials

2B. TRAFFIC ENGINEERING		
Session Lead: Prof. Ranja Bandopadhyaya		
202	Mukti Advani, Purnima Parida, Niraj Sharma	Estimation of Fuel Consumption During Idling of Vehicles at Intersection - A Case Study Before and After Campaigning on Switching Off Behavior
301	Prakhar Agrawal, Rajat Rastogi	Traffic Congestion Problem and Solutions in Old Cities of India: A Case Study of Roorkee City
304	Vinay Kumar Sharma, Satyajit Mondal, Ankit Gupta	Modelling U-Turning Behaviour of Vehicles at Mid-Block Median Opening in Multilane Urban Roads
306	Akash L. Rao, Riya B. Trivedi, Sunny K. Barot, Vikram M. Patel, Harishkumar R. Varia, Sunanda K	Traffic Impact Prediction due to High Speed Rail at Ahmedabad

Parallel Technical Session III: 08/01/2019 02:00-04:00 PM (15 minutes presentation)

3A. ECONOMICS		
Session Lead: Mr. Shelleyandra Kapil		
212	Gaurang Joshi, Shriniwas Arkatkar, Ashish Dhamaniya	Feasibility Study on Planning and Design of Truck Terminal of Kandlapur Gujrat
403	Puneet Srivastav, Rishabh Srivastav, Prashant Srivastav	Infrastructure and Sustainable Transport Development in Hilly Area: A Review
404	Ashish Verma, Vajjarapu Harsha, Hemanthini Allirani	Sustainability Analysis of the Proposed Elevated Road Corridors in Bengaluru City - A Comparative Analysis with Metro Rail System
405	Satyam Kumar	Metro Rail Project for the Growth of Infrastructure and Employment in the Area
406	Ashok G. Matani	Blending Green Bio Fuels in Aviation Industries towards Cost Optimization and Pollution Prevention
505	Sanjay Srivastava, S. S. Tomar, M. P. S. Chauhan, V. N. Tiwari	Use of Green Technology in Rural Road Construction

3B. TRAFFIC SAFETY		
Session Lead: Prof. P. Vedagiri		
307	Shekhar Anand, Md Saddam Hussain, Arkopal K Goswami	Crash Analysis and Prediction Framework: Enhancing Safety through Roadway Infrastructure Augmentation
309	Jivesh Ujjwal, Ranja Bandyopadhyaya	Assessment of Safety Scenario of Pedestrian Infrastructure for Patna City
311	Prabhakar Kumar, Ranja Bandyopadhyaya	Analysis of Un-Signalized T-Junctions using Traffic Conflict Technique
312	Adsule Poonam Rajaram, Chaudhary Sayali Motiram, Jain Nitisha, Nandagawali Manali Gurucharan	Road Safety Audit for a Stretch in Haryana: A Proactive Measure towards Vision Zero
506	Sarika Pantawane, Indrajit Ghosh	Systematic Overview of Safety Effects of Access Management

Parallel Technical Session IV: 08/01/2019 04:30-06:15 PM (15 minutes presentation)

4A. DESIGN SAFETY ISSUES		
Session Lead: Prof. Ankit Gupta		
112	Manoj Kr. Shukla, Satish Chandra	Investigation on Premature Distress in Flexible Pavements- Case Studies
308	Ankit Bansal, Tripta Goyal, Umesh Sharma	Analysis and Modeling of Gap Acceptance at Unprotected Mid-Block Crosswalks – A Case of Chandigarh City
313	Gourab Sil, Suresh Nama, Avijit Maji, Akhilesh Kumar Maurya	Horizontal Curve from Driver’s Perspective
314	P. K. Sikdar, Shawon Aziz	Formulation of Engineering Countermeasures for Accident Blackspot using IRAP Tool - Case Study of Shimla to Mataur (NH-88)
413	Puneet Srivastav, Rishabh Srivastav, Himanshu Mishra	Erosion Control of Hilly Road Embankment using Vetiver Grass: A Critical Review

4B. SUSTAINABILITY		
Session Lead: Prof. Arkopal K. Goswami		
211	Mohammad Furqaan, Rajit Kumar Bhat	Analysis of Bicycle as a Mode of Access to Rail Transit Stations from a Future Multimodal Perspective
407	Ashok G. Matani	Controlling Air Pollution In India: Challenges and Potentialities for Indian Metros
408	Dharitri Kahali, Rajat Rastogi	Insight on Flow and Capacity of Escalators at Metro Stations
409	Arunabha Banerjee, Akhilesh Kumar Maurya	Effectiveness of Providing Lift and Better Staircase in a Footover Bridge: A Case Study of Guwahati, Assam
411	Ankit Kathuria	Evaluating Impact of Intracity Car Rental Service on Public Transportation and Non Motorised Travel: Formulating Policies for Smart Cities