

**Parallel Technical Session I: 14/09/2022 02:00 PM - 03:45 PM**

<b>1A. Materials and Construction</b> <b>Session Lead: Dr. Kranthi Kuna</b>		
<b>Paper ID</b>	<b>Authors</b>	<b>Title of the Paper</b>
5825	Ankit Sharma, Gondaimeir Ransinchung Rongmei Naga and Praveen Kumar	Suitability of Rejuvenator Addition Method for Hot Mix Asphalt Recycling
1046	Deepti Avirneni, Abhishek Kumar Bondada and Semanth Reddy Bommu	Investigating Mechanical and Hydraulic Properties of Porous Concrete Pavements
1574	Sameer Malhotra, Abhishek Kanoungo and Ajay Goyal	Utilization of Industrial and Agricultural Wastes to Enhance the Properties of Concrete- A Review
1703	Niranjan Geddada, Arpan Ghosh and Kamlesh Gupta	Study on Utilizing Reclaimed Asphalt Pavement in Bituminous Concrete Wearing Course with PMB 70-10V as Binder Using Hot In-Plant Recycling Process
3468	Thillaiventhen A, Vipul Jain, Arpan Ghosh, Kamlesh Gupta, Amarjeet Tiwari and Lakshmi Narayanan R	Evaluation of the Effect of the Production Process in Quality Parameters of Polymer Modified Performance Grade Binders: A Case Study

<b>1B. Urban and Rural Transportation</b> <b>Session Lead: Dr. Pankaj Prajapati</b>		
<b>Paper ID</b>	<b>Authors</b>	<b>Title of the Paper</b>
191	Angshuman Pandit, Sharif Hossain and Anuj Kishor Budhkar	Effect of Fog on Vehicular Speed in Mixed Traffic Condition
247	Sumaiya Rahman and Mithun Mohan	Reduction of Vehicular Emission at Urban Road Junctions through Traffic Interventions
2147	Debabrota Das and Anuj Kishor Budhkar	Passenger Delay and Journey Time Reliability Analysis of Ferry Transport across Waterway: Case Study of National Waterway 1, India
2244	Harish Kumar Saini, Ankit Kathuria, Anamika Yadav and Surya Narayanan	Evaluating Exclusive Motorcycle Lane Effect on Highway Capacity Using Microsimulation Technique: A Case Study of an Urban Road
3876	Arpita Saha and Rupesh Bhendarkar	Co-ordination of Signalized Corridor, A Case Study of Nagpur City

**1C. Planning and Design**  
**Session Lead: Dr. Shriniwas Arkatkar**

<b>Paper ID</b>	<b>Authors</b>	<b>Title of the Paper</b>
646	Digvijay Pawar, Ankit Singh and Rajalakshmi Pachamuthu	Connected Autonomous Vehicles (CAV) Testbed at IIT Hyderabad
355	Sowjanya Dhulipala and Gopal R. Patil	Influence of the Dedicated Freight Corridors (DFC) on the Freight Mode Choice of Shippers/Freight Forwarders in India
936	Samsoor Mohmmmand, Rupam Fedujwar and Amit Agarwal	Estimation of Transit O-D Matrix Using Boarding and Alighting Data: A Case Study of Haridwar-Rishikesh Metro Corridor
2080	Manaswinee Kar, Shubhajit Sadhukhan and Manoranjan Parida	Measuring Perceived Satisfaction of Choice Riders Towards Factors Influencing Accessibility to Metro Stations: An Evidence from Delhi
2868	Anand Saurav, Hillol Chakravarty and Ranja Bandyopadhyaya	Analyzing Willingness to Pay and Attitude towards Safety for Indian Motorcyclists

**1D. Community and Social Well-being**  
**Session Lead: Dr. V. S. Sanjay Kumar**

<b>Paper ID</b>	<b>Authors</b>	<b>Title of the Paper</b>
873	Aayush Keshri, Aditya Pitale and Shubhajit Sadhukhan	Measuring Impacts of Delhi-Meerut Expressway on Land Cover and Landuse
2429	Ankur Sharma, Har Amrit Singh Sandhu, Sovina Sood and Rajan Dabral	Road Safety Inspection of NH-205A: A Case Study
3271	Abdul Basit Khan, Rajat Agrawal and S.S. Jain	Identifying Driving Characteristics and Simulating Their Influence on Crash Occurrence
4966	Ankit Kumar Singh and Abhisek Mudgal	Comparison of Vehicular Emissions from BS-III and BS-VI Motorized Two-Wheelers
5407	Ritvik Chauhan, Ashish Dhamaniya and Shriniwas Arkatkar	Conflict Based Safety Performance Functions towards Traffic Safety Assessment at Signalized Intersections with Disordered Traffic Conditions

## Parallel Technical Session II: 14/09/2022 04:15 PM - 06:15 PM

<b>2A. Materials and Construction</b> <b>Session Lead: Dr. Deepti Avirneni</b>		
Paper ID	Authors	Title of the Paper
9280	Purbayan Mondal, Anil Baditha, Rajib Chattaraj, Dharam Das Ahirwar and Kranthi Kuna	Lessons Learnt from a Premature Failure of Stone Matrix Asphalt (SMA) on a High-Volume Indian Highway
5127	Ritesh Rao and Partha Sarkar	Utilization of Brick Aggregates as Wearing Course in Cold Bituminous Mix
9281	Rajan Choudhary, Rajneesh Kumar, Ankush Kumar, Santanu Pathak and Abhinay Kumar	Effect of Nominal Maximum Aggregate Size and Bitumen Content on Frictional Properties of Different Bituminous Surface Courses
5983	Ashish Kumar Singh, Khumber Debbarma and Partha Pratim Sarkar	Design and Analysis of Flexible Pavement Using Brick Aggregate Using Finite Element Method
6322	Abhishek Roy, Aditya Shankar Ghosh and Tapas Kumar Roy	Utility of Lime Stabilized Pond Ash and Sand Mix Using Nanomaterial for the Subbase Course of Industrial Pavements
9815	Ashish Mishra and Sunny Deol Guzzaralapudi	Development of Shakedown Criteria for Prediction of Permanent Deformation Characteristics of Modified UGMs with THF Steel Slag

<b>2B. Intercity Transportation</b> <b>Session Lead: TBD</b>		
Paper ID	Authors	Title of the Paper
569	Salini P N, Rahul P, Salini U and Samson Mathew	Estimation of Risk Exposure Index for Road Network in Landslide Prone Areas
1292	Ansu V and Anjaneyulu M.V.L.R.	Mode Choice Behaviour of Textile Shippers in India
1804	Sudeep Kumar Mishra and Sunny Deol Guzzaralapudi	Optimal Coal Transport Mode Choice for Near Field Mine by Using Integrated Fuzzy Analytical Hierarchical Process and Fuzzy Goal Programming Model
7448	Sankhadeep Pramanik, Sandip Chakraborty and Sudip K Roy	Estimation of Speed Limit in Road Traffic System
3717	Chintaman Bari, Satish Chandra and Ashish Dhamaniya	Effect of Boom Barrier on Capacity of FASTag Lanes
5663	Anand Mishra and Abhishek Mudgal	Economic Analysis for FasTag on Highway Toll Collection

**2C. Sustainable Transportation**  
**Session Lead: TBD**

<b>Paper ID</b>	<b>Authors</b>	<b>Title of the Paper</b>
1669	Pankaj Prajapati and Divyesh Abhani	Factors Affecting Public Transportation Usage Rate: Geographically Weighted Regression
3537	Manan Monga, Shubhajit Sadhukhan and Aditya Pitale	Measuring Users' Perceived Importance towards Factors Affecting their Willingness to Use Bicycle: Patna as a Case Study
4177	Saharsh Chaube, Bivina G R and Siddhartha Rokade	Analyzing Pedestrian Crossing Difficulty near Roundabouts
5043	Harpreet Singh, Shivam Singh Chouhan, Surya Narayanan and Ankit Kathuria	Disparity in Passenger Perception of Satisfaction with Indian Bus Rapid Transit System
5303	Sabitha N M and V S Sanjay Kumar	Developing Waterway Transport System for Rejuvenation of an Urban Area - Renovation of Canals in Kochi City, India
6011	Durba Kundu, Anuj Budhkar, Angshuman Pandit and Bimalendu Mandal	Study of Factors Affecting Pedestrian Movement in Leisure Areas

**2D. Planning and Design**  
**Session Lead: TBD**

<b>Paper ID</b>	<b>Authors</b>	<b>Title of the Paper</b>
3187	Nidhi Kathait, Pushpa Choudhary, Amit Agarwal and Rajat Rastogi	Impact Assessment of Ring Road in Haridwar and National Highway Connectivity on Haridwar-Rishikesh Metro Ridership
3473	Karunakar Koyyuru, Arun Sagar K M and Veena Venudharan	Sustainability of Asphalt Rubber-Gap Pavements: A Comparative Environmental Impact Analysis
3859	Gopal R. Patil and Sowjanya Dhulipala	Analysing the Spatial Distribution of Freight Generating Industry Complexes at a Regional Level in India
5960	Rashmi Choudhary, Jogendra Kumar Nayak and Manoranjan Parida	Do Service Attributes Influence the Mode Choice of Access-Egress Trips in the Context of Delhi Metro?
5290	Remya Y K, Anitha Jacob and Subaida E A	Roll Over Stability Analysis of Trucks-Effect of Curve Geometry and Operating Speed
5487	Ish Kumar and Chidambara Chidambara	Freight Requirements for Emerging Trends in E-Commerce in Indian Cities and their Provisions in Planning Documents