

CTRG – 2011, Detailed Schedule (Tentative)

Day 1, 7th December 2011, Wednesday

Time	Programme		Venue
8:00 – 9:00	Registration of Tutorial & Conference		<i>Venue: Foyer</i>
9:00 – 12:00	Tutorial Sessions (TT)		
9:00 – 12:00	TT - 1	“Optimization/Evolutionary Algorithms and their application in Transportation”. <i>By Dr. Partha Chakroborty, Professor, Department of Civil Engineering, Indian Institute of Technology, Kanpur.</i>	<i>Hall: Strategy IA</i>
	TT - 2	“Activity Based Modelling (ABM) and its potential for India”. <i>By Dr. Chandra R Bhat, University Distinguished Teaching Professor, Department of Civil, Architectural, and Environmental Engineering, University of Texas, Austin.</i>	<i>Hall: Oval 1</i>
	TT - 3	“Road Safety Audit and its importance for India”. <i>By Dr. Veeraragavan A., Professor, Department of Civil Engineering, Indian Institute of Technology, Madras.</i>	<i>Hall: Oval 2</i>
	TT - 4	“Intelligent Transportation Systems (ITS) and its Potential for India”. <i>By Dr. V. Lelitha Devi, Assistant Professor, Department of Civil Engineering, Indian Institute of Technology, Madras.</i>	<i>Hall: Agenda</i>
12:00 – 1:00	Lunch Break		<i>Venue: Foyer/Backside Balcony</i>
1:00 – 5:00	Parallel Technical Visits (TV)		
1:00 – 5:00	TV - 1	Visit to Bangalore Metropolitan Transport Corporation (BMTC)	
	TV - 2	Visit to Karnataka State Road Transport Corporation (KSRTC)	
	TV - 3	Visit to Traffic Management Centre (TMC), Bangalore City Traffic Police	
	TV - 4	Visit to National Aerospace Limited (NAL)	
5:00 – 6:30	Conference Registration & Networking		<i>Venue: Foyer</i>

■ Presenting Author

Day 2, 8th December 2011, Thursday

Time	Programme		
8:00 - 9:00	Registration		<i>Venue: Foyer</i>
9:00 - 9:45	Inaugural Function		<i>Venue: Aura II</i>
9:45 - 10:15	Tea Break		<i>Venue : Foyer</i>
10:15 - 12:30	Keynote Sessions (KS)		<i>Venue: Aura II</i>
	Chairperson: Chandra R Bhat		
10:15 - 10:45	KS - 1	Prof.Kumares Sinha, Edgar B. and Hedwig M. Olson Distinguished Professor of Civil Engineering, Purdue University	
10:50 - 11:20	KS - 2	Prof. B.B. Pandey, Professor, Department of Civil Engineering, IIT Kharagpur	
11:25 - 11:55	KS - 3	Prof. Lalita Sen, Professor, Doctoral Coordinator. Department of Urban Planning & Environmental Policy, Texas Southern University	
12: 00 - 12:30	KS - 4	Prof. Rosário Macário, Professor and Researcher in Transportation, Departamento de Engenharia Civil e Arquitectura, Lisboa, Portugal	
12:30 - 13:30	Lunch Break		<i>Venue: Foyer</i>
13:30 - 15:00	Technical Sessions		

08/12/11		Chair Person: Murthy V.A. Bondada		ATPIO SESSION - I [Pragmatic Issues in Transportation Engineering in India]	Hall: Aura I
Time	Abstract ID	Name	Title		
13:30	13:45	31	K. Krishnamurthy, V. Thamizharasan	Capacity Enhancement of Urban Roads with Segregation of Non-Motorised Traffic	
13:45	14:00	124	Shreya Das , Debapratim Pandit	Level of Service Parameters for Bus Transit in the Indian context	
14:00	14:15	125	Prof. M. N. Sreehari, Rohith B.E	Methodology To Develop Pedestrian Walkability Index And Level Of Service Of Walkways	
14:15	14:30	360	Akshay Mani , Madhav Pai, Rishi Aggarwal	Sustainable Urban Transport Policy – The Case For India’s Auto-rickshaw Sector	
14:30	14:45	142	Christopher Kost , Santhosh Kodukula	If you build it, will they come? A comparative study of cycle tracks in Delhi and Ahmedabad	
14:45	15:00	*****			

08/12/11		Chair Person: Rosário Macário; Co-Chair: Sanjay K. Singh		Track - C1: Integrated Freight Transport and Logistics Systems	Hall: Aura III
Time	Abstract ID	Name	Title		
13:30	13:45	3	Manish Verma , Vedat Verter, Nicolas Zufferey,	A Meta-Heuristic Approach To Planning And Routing Rail-Truck Intermodal Transportation Of Hazardous Materials	

13:45	14:00	120	Dimitrios Tsamboulas , Anna-Maria Lekka, Panayota Moraiti	Evaluation of the Motorways of the Sea Link for Developing Countries
14:00	14:15	148	Hardik M. Gajjar , Thomas H. Wakeman	Development Of A Freight Platform Resiliency Framework – A Systems Approach
14:15	14:30	211	Maria Cristina Fogliatti de Sinay , Rachel Fanti CoelhoLima, Isolina Cruz	Indicators And Global Index To Assess Distribution Centers Performances
14:30	14:45	241	Rajeev Seetharam	Urban Goods Movement Study – What India Can Adopt From The West
14:45	15:00	276	Prasanta Kumar Sahu , Gopal R Patil	Analysis And Forecasting Of Freight Demand In Mumbai Port

08/12/11		Chair Person: Martinus F.A.M. van Maarseveen; Co-Chair: R. R. Kalaga		Track – D1: Traffic Operations, Management and Control	Hall: Aura II
Time		Abstract ID	Name	Title	
13:30	13:45	81	Ashutosh Bajpai, Tom V Mathew	Development Of An Interface Between Signal Controller And Traffic Simulator	
13:45	14:00	30	Indrajit Ghosh , Peter Savolainen,	Investigation Of Emergency Vehicle Crashes In The State Of Michigan	
14:00	14:15	417	Srinivas S. Pulugurtha, Vinod Vasudevan, Shashi Nambisan, Mukund Dangeti	Enhancing Pedestrian Safety Using Traffic Signs	
14:15	14:30	48	Anitha Jacob , Salma Fathima Saleem, Anjaneyulu MVL R	Evaluation Of Geometric Design Consistency For Two-Lane Rural Highways Using Operating Speed	
14:30	14:45	20	Indrajit Ghosh , Lia Grillo,	Child Restraint Device Usage In The State Of Michigan	
14:45	15:00	277	Durgesh Vikram , Partha Chakroborty, Sanjay Mittal	Studying Effect Of Road Geometry Using Continuum Model Of Traffic Flow	

08/12/11		Chair Person: Manoj K. Jha; Co-Chair: Talat Munshi		Track – E1: Activity and Transport Demand Analysis	Hall: Agenda
Time		Abstract ID	Name	Title	
13:30	13:45	22	Harikrishna M , Rajat Rastogi, Ajit Janku Patil	Mode Choice Modelling In Context Of Domestic Leisure Travel	
13:45	14:00	58	Sreela P.K , Minu Mary Thomas, M.V.L.R.Anjaneyulu	An Activity-Based Micro-Simulation Framework For Travel Pattern Analysis	
14:00	14:15	91	Chandra Bhat	The Maximum Approximated Composite Marginal Likelihood (MACML) Estimation Of Multinomial Probit-Based Unordered Response Choice Models	
14:15	14:30	372	Masashi Okushima , Takamasa Akiyama, Madhu Errampalli	Impact Analysis Of Bus Fare System With Microscopic Fuzzy Traffic Simulation	
14:30	14:45	146	Harikrishna M , Mani Jacob, Rajat Rastogi	Modelling Of Destination Choice For Domestic Leisure Travel Context	
14:45	15:00	287	Vishnu B , Karthik K Srinivasan	Comparison of Trip based and tour-based travel demand models for Non-Workers	

08/12/11		Chair Person: Marcus H.P. Zuidgeest; Co-Chair: Sekhar Somenahalli		Track- I1: Transport planning, policy and management	Hall: Harmony
Time		Abstract ID	Name	Title	
13:30	13:45	267	Ch.Ravi Sekhar, Aneesh R.G, B.K.Durai, S.Lakshmi	Modelling Travel Time Distribution Under Uncertainties From Demand And Capacity Of System: A Case Study Of Urban Corridor	
13:45	14:00	49	Srinivas Peeta, Lili Du	A Bi-Level Stochastic Optimization Model To Enhance Infrastructure Network Survivability And Reduce Emergency Response Time Under Disasters	
14:00	14:15	374	Saurabh Dandapat, Bhargab Maitra	Selection Of Optimal Headway And Fare For Bus Services In Rural Areas	
14:15	14:30	65	A. S. Narasimha Murthy	Smart Growth And Complete Streets For Multimodal Transportation	
14:30	14:45	103	Mukti Advani	Level of service for pedestrians – identification of affecting variables and model development for an intersection	
14:45	15:00	131	Sreelekha M.G, K.Krishnamurthy, Anjaneyulu M.V.L.R	Spatial Analysis Of Network Using Fractals	

15:00 – 15:15	Tea Break	Venue: Aura & Strategy Foyer
15:15 – 16:45	Technical Sessions	

08/12/11		Chair Person: Manoranjan Parida; Co-Chair: Srinivas Pulugurtha		Track - D2: Traffic Operations, Management and Control	Hall: Aura II
Time		Abstract ID	Name	Title	
15:15	15:30	51	Srinivas Peeta, Sushant Sharma	Network topology based vehicle sensor location for dynamic traffic networks	
15:30	15:45	52	Anjana S, Remya S.R., Anjaneyulu M.V.L.R	Development Of Accident Modification Factors For Urban Mid-Blocks	
15:45	16:00	68	Avijit Maji, Prabhati Bhattacharya	Methodology For Innovative Intersection Design	
16:00	16:15	78	Niranjan G Hiremath, G. Kavitha, Neelima Chakraborty	Study On Driver Behaviour And Psychology	
16:15	16:30	50	Srinivas Peeta, Yu-Ting Hsu	Investigating The Role Of Risk In Demand Modelling And Management For Evacuation Operations	
16:30	16:45	89	Indrajit Ghosh, Peter Savolainen	Analysis Of Risks Associated With Alternate Truck Routes On Two-Lane Highways	

08/12/11		Chair Person: Ashwin Mahesh; Co-Chair: Manish Verma		Track- I2: Transport planning, policy and management + Track F	Hall: Aura I
Time		Abstract ID	Name	Title	
15:15	15:30	161	Subodh Kant Dubey, Shriniwas. S. Arkatkar	A Comparative study of Route Choice Modelling using Fuzzy logic and Adaptive Neuro-fuzzy	
15:30	15:45	234	Sujata Savant, Piyush Kansal	Public transport accessibility and parking policy in central areas- A case study of Delhi	
15:45	16:00	11	Jasti Pradeep Chaitanya	Service Level Benchmarking Of Urban Transport For A Medium Sized City	
16:00	16:15	352	Ch.Ravi Sekhar, B.K.Durai, Asakura Yasuo, S.Gangopadhyay	Use Of Travel Time Reliability For Measuring Traffic Congestion Variation	
16:15	16:30	335	Thamizh Arasan V, Shabeeb Hassan	Methodology for Justification for Provision of Exclusive Bus Lanes on Urban Roads	
16:30	16:45	8	Julian Sastre Gonzalez, Clara Zamorano Martin	Selection Model for Management and Financing Systems of Rail Networks Based on Opportunity Cost (Track F)	

08/12/11		Chair Person: Simon A.M. Hesp; Co-Chair: Jayprakash		Track - J1: Pavement Engineering and Management	Hall: Aura III
Time		Abstract ID	Name	Title	
15:15	15:30	227	Pradeep Kumar Agarwal, Jitendra Gurjar, Sushil Kumar Mittal	A Study On Effect Of Drainage Quality On Pavement Performance	
15:30	15:45	391	S. Patel, J. T. Shahu	Experimental Study On The Use Of Dolime Treated Black Cotton Soil In Pavement Construction	
15:45	16:00	76	B Sivarama Sarma, S.N.Rajan, Biswabikash Rout	A Study On Resilient Modulus Of Pavement Materials	
16:00	16:15	66	Amirthalingam Veeraragavan, Rajib Basu Mallick,	Pavement Type Selection Guidelines In The Indian Context	
16:15	16:30	284	Yogesh.U.Shah, S.S.Jain, M.Parida, M.K.Jain, Devesh Tiwari	Comparison Of Scheduled And Condition Responsive Maintenance For Urban Road Sections	
16:30	16:45	151	Kirti Bhandari, Geetam Tiwari, Viveck Aurora, Sangeeta, R. R. Kalaga	Environmental impact of different road rehabilitation technologies on the basis of life cycle assessment	

08/12/11		Chair Person: Louay N. Mohammad		TRB Special Session - I [Properties of Asphalt Mixtures and Binders for Improved Performance]	Hall: Harmony
Time		Abstract ID	Name	Title	
15:15	15:30	166	Raj Dongré, Rene Maldonado, Henry Romagosa	The Effect Of PPA Modification On SBS Type And Content In Modified Binders	
15:30	15:45	155	Arshad Hussain, Qiu Yanjun	Evaluation Of Local Asphalt Binders Under Superpave Specification In	

				Pakistan
15:45	16:00	54	Pankaj Kumar Jain , Sylvia Dreessen, Thibaud Gallet, Pittet Michel, Dumont Andre-Gilles	Comparison Of Conventional And Polymer Modified Bitumen: Durability In Laboratory And Field Experience
16:00	16:15	167	Raj Dongre , Thomas Bennert	Back Calculation Of Binder G* Data From Hot-Mix Complex Modulus Using The Hirsch Model – Field Validation
16:15	16:30	*****		
16:30	16:45	*****		

08/12/11		Chair Person: Shashi Nambisan; Co-Chair: K Ravinder		Track – H1: Sustainability in Transportation	Hall: Agenda
Time	Abstract ID	Name	Title		
15:15	15:30	283	Ranja Bandyopadhyaya , P. Krishna Pravallika, Sudeshna Mitra	Identifying The Optimal Level Of Service And Emission Levels For Mixed Traffic Condition at urban traffic intersections	
15:30	15:45	67	Sekhar Somenahalli	Is Urban Density The Key To Increase Public Transport Patronage?	
15:45	16:00	75	Conny Louen , Reyhaneh Farrokhikhiavi, Dirk Vallée., Mechtild Stiewe, Doris Bäumer	The Effects Of Mobility Management For Companies In The Course Of The German Mobility Management Action Programme “Effizient. Mobil”	
16:00	16:15	92	Chandra R. Bhat , Raghuprasad Sidharthan	Incorporating Spatial Dynamics and Temporal Dependency in Land Use Change Models	
16:15	16:30	118	Ravindra Kumar, Kamini Gupta, B.K.Durai, S.Gangopadhyaya	Driving Cycle And Sustainability Transport Approach In BRT Corridor- A Case In Delhi	
16:30	16:45	342	Manoj K. Jha , Anil Namdeo, S.M. Shiva Nagendra, Jiang Li	Investigating The Relative Impacts Of Travel-Time Delay And Vehicular Emission On Road User Choice Behaviour: Case Studies From US, UK, And India	

16:45 – 18:00	Co-ordinator : C. Mallikarjuna	Exhibition and Poster Presentation (EP)	Hall: Aura Foyer
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SI NO:	Abstract ID	Author	Title	Track
1	228	Kayitha Ravinder , Velmurugan.S, Neelima Chakraborty, Nishi Mittal	Road Safety Audit of Selected Sections in Punjab	Track – D Traffic Operations, Management and Control
2	70	Venkatesh.R , Kavitha	Studies on causes of Congestion & Delays near Mantri Mall Bangalore – A Case Study	Track- I Transport planning, policy and management
3	113	Akhilesh Kumar Maurya , P. S. Bokare, Sushant M.Gajbhiye	Effect of driver behaviour on vehicle acceleration	Track – D Traffic Operations, Management and Control
4	132	Ramesh Buddharaju, Krishna	A Five Stage Action Plan for Reducing Traffic Accidents in Andhra Pradesh	Track – D Traffic Operations,

		Prasad T, Markandeya Raju Ponnada, Manoj K Jha		Management and Control
5	133	Bhargav Adhvaryu	Developing a simplified model-based approach for land use and transport planning	Track- G Transport, Land Use and the Environment
6	201	Ashish Dhamaniya	Upgradation Planning of PMGSY Roads: A Case Study	Track- I Transport planning, policy and management
7	7	P.Selvanambi, V.Shanmugasundaram	Effect Of Aggregate Grading On The Properties Of Bituminous Mix For Granulated Copper Slag Dust Base Course	Track – J Pavement Engineering and Management
8	226	Talat Munshi, Mark Brussel, Mark Zuidgeest	Built Form, Travel Behaviour and Sustainable Urban Planning of Indian Cities: A Case of Ahmedabad City	Track – H Sustainability in Transportation
9	328	A. Ramesh, M. Kumar	Estimation of Delays and Average Speeds on Selected Corridor in Hyderabad City based on Traffic Signal Timings Using VISSIM	Track – D Traffic Operations, Management and Control
10	330	M. N. Sreehari, Sreelakshmi R	Methodology To Develop Speed Contours And Analysis For An Urban Area- A Case Study For Bangalore	Track – D Traffic Operations, Management and Control
11	85	Simon A.M. Hesp, Farhad Kaveh	“Spectroscopic analysis of pressure aging vessel protocols for the accelerated laboratory aging of asphalt cements”	Track –J Pavement Engineering and Management
12	90	Simon A.M. Hesp, Kezia Burke	Penetration Testing Of Waste Engine Oil Residue Modified Asphalt Cements	Track –J Pavement Engineering and Management
13	186	Neelima Chakrabarty, Nishi Mittal	Mobility And Accessibility Problems Of The Transport Disabled	Track – H Sustainability in Transportation
14	265	Srikanth Shastry, Mark Zuidgeest, Talat Munshi	Spatially assessing Transit Oriented Development (TOD) in Ahmadabad, India	Track- G Transport, Land Use and the Environment

18:00 - 19:00	Visit to Exhibition	<i>Venue: Aura Foyer</i>
19:00 - 21:00	Networking Dinner	<i>Venue: Aura Foyer</i>

Day 3, 9th December 2011, Friday

9:00 - 11:15		Keynote Sessions (KS)	
		Chairperson:	Venue: Aura II
9:00 - 9:30	KS - 5	Michael G.H. Bell, Professor of Transport Operations, Department of Civil and Environmental Engineering, Imperial College London.	
9:35 - 10:05	KS - 6	Prof. Yoshitsugu Hayashi, Professor & Director, International Research Centre for Sustainable Transport and Cities, Graduate School of Environmental Studies, Nagoya University	
10:10 - 10:40	KS - 7	Prof. Serji Amirkhanian, Director of Research and Development, Phoenix Industries	
10:45 - 11:15	KS - 8	Prof. Srinivas Peeta, Professor, Purdue University, School of Civil Engineering, U.S.A	

11:15 - 11:45	Tea Break	Venue : Aura Foyer
11:45 - 13:15	Technical Sessions	

09/12/11		Chair Person: Chetana B. Rao		TRB Special Session - II [Sustainable Materials and Technologies for Pavements]	Hall: Agenda
Time		Abstract ID	Name	Title	
11:45	12:00	59	Rajib B. Mallick , Karen O'Sullivan, Amirthalingam Veeraragavan	Recycling Of Hot Mix Asphalt - Use Of Rejuvenators For Using High Reclaimed Asphalt Pavement (RAP) Content In Recycled HMA	
12:00	12:15	165	Louay N. Mohammad , Mostafa A. Elseifi, Samuel B. Cooper	Laboratory Evaluation of Asphalt Mixtures Containing Sustainable Technologies	
12:15	12:30	204	Abhijit Mahinta , Tejash Gandhi, Everett Crews	Performance Benefits Of Warm-Mix Asphalt	
12:30	12:45	290	Kunal Jain , S.S.Jain, M.P.S.Chauhan	Development Of A Decision Tree For Maintenance Treatment Selection At Network Level	
12:45	13:00	64	Vamsi K. Pinnamaneni , Vivek Tandon	Verification of IRC Code using MEPDG	
13:00	13:15	*****			

09/12/11		Chair Person: Klaus Schlabbach; Co-Chair: E. Madhu		TRACK D3: Traffic Operations, Management and Control	Hall: Aura II
Time		Abstract ID	Name	Title	
11:45	12:00	104	Nilesh Deshpande , Shriniwas Arkatkar	Accident Mapping & Analysis Using Geographical Information System	
12:00	12:15	114	Subodh Kant Dubey , Balaji. P, Shriniwas. S. Arkatkar	Modelling Time Headway using Mixture Model	
12:15	12:30	39	Indrajit Ghosh , Peter Savolainen	Analysis Of Factors Affecting The Incident Clearance Time For Freeway Courtesy Patrol Operations	
12:30	12:45	117	Manish Kumar S, Gitakrishnan Ramadurai, M N Sreehari	Qualitative Congestion Levels From Quantitative Data For Advanced Traveller Information Systems (ATIS)	

12:45	13:00	122	P. Vedagiri , Dileep D. Anithottam	Method For Evaluation Of Pedestrian Level Of Service For Sidewalk
13:00	13:15	116	Ranja Bandyopadhyaya , Sudeshna Mitra, Satish Mahato	Modelling Traffic Accident Severity On National Highway-6

09/12/11		Chair Person: Hari Kishan Reddy; Co-Chair: B. Kanaga Durai		TRACK H2: Sustainability in Transportation	Hall: Aura I
Time		Abstract ID	Name	Title	
11:45	12:00	207	Md. Tanveer Khan, Dr. Praveen Kumar	Utilization of Waste Material in Transportation Engineering: A Sustainable Perspective	
12:00	12:15	212	Sasane G. S, Dhingra S. L., Vedagiri P.	Estimating Economical Sustainability Parameters for Regional Solid Waste Transport System: Mumbai Metropolitan Region a Case Study	
12:15	12:30	4	Amit Bhatt , Umang Jain	Flat Fare Structure And Its Applicability In Indian Context: A Case Study Of Jaipur City Bus Service	
12:30	12:45	339	N. Sharma , Sunil Gulia, C.P. Kaushik, Rajni Dhyani	Vehicular Pollution Modelling & Estimation Of Emission Load Along A Proposed Metro Rail Corridor	
12:45	13:00	341	Manoranjan Parida , Kranti Kumar,, Vinod Kumar Katyar	Road Traffic Noise Prediction Using Artificial Neural Network	
13:00	13:15	164	Susan M. Herre	Vision Of High-Speed Rail In America: Focus On Station Area Planning	

09/12/11		Chair Person: David Mahalel; Co-Chair: Christopher Kost		TRACK I3: Transportation Planning, Policy and Management	Hall: Aura III
Time		Abstract ID	Name	Title	
11:45	12:00	407	Ramakrishnan.T.S , Raghuram.G.	Evolution Of Model Concession Agreement For National Highways In India	
12:00	12:15	392	G Raghuram , Rachna Gangwar	Lessons From PPPs Of Indian Railways And Way Forward	
12:15	12:30	394	Takamasa Akiyama, Masashi Okushima , Hiroaki Inokuchi	Empirical Implementation Of Distance Based Toll For Urban Expressway	
12:30	12:45	398	Rachna Gangwar	Tariff Regulation: Lessons from Indian Port Sector	
12:45	13:00	400	Aayush Thakur , Kyle Taniguchi, Steven Polzin	Analyzing Immigrant Travel in the United States	
13:00	13:15	259	Lalita Sen, Abha Negi	Moving Towards Accessible India: Implications of the PWD Act And the UNCRPD	

09/12/11		Chair Person: Dimitrios Tsamboulus; Co-Chair: Masashi Okushima		TRACK D4: Traffic Operation, Management and Control	Hall: Harmony
Time		Abstract ID	Name	Title	
11:45	12:00	337	Vichika Iragavarapu , Srinivas Reddy Geedipally, Sunil Patil	Factors affecting motorcycle crashes according to their collision type	

12:00	12:15	294	Ranja Bandyopadhyaya , Sudeshna Mitra, Ishani Chakraborty	An Approach for Finding Contributing Factors for Crashes in Highways through Pattern Mining
12:15	12:30	299	Digvijay S. Pawar , Gopal R. Patil	System Level Traffic Accident Analysis And Developing GIS Based Decision Support For Mumbai City
12:30	12:45	314	T.Chiranjeevi , K.B.Raghuram, Seshank	Pedestrian Level Of Service Under Mixed Traffic Condition In Sub-Urban Areas
12:45	13:00	256	Caleb Ronald M , Tom V Mathew, K V Krishna Rao	Development Of A Space-Oriented Microscopic Simulation Model For Mixed Traffic Conditions
13:00	13:15	224	Partha Chakraborty , Amol A. Deshmukh, Pradeep Panwar, Onkar Dikshit	Empirical Study On Impact Of Road Width On Individual Driver Behaviour

13:15 - 14:15	Lunch Break	<i>Venue: Aura Foyer</i>
14:15 - 15:45	Technical/Special Sessions	

09/12/11		Chair Person: Chetana B. Rao		TRB Special Session - III [Mechanistic Concepts for Pavement Design and Evaluation]	Hall: Aura I
Time		Abstract ID	Name	Title	
14:15	14:30	13	Venkata L Mandapaka , Imad Basheer, Khushminder Sahasi, John T Harvey, Rongzong Wu , Carl L. Monismith	Mechanistic-Empirical Design Of A Long Life Flexible Pavement In Northern California, USA	
14:30	14:45	46	Paul Khosla , K.I. Harikrishnan, Beth Visintine	A Simple Tool To Evaluate Performance Of Pavements	
14:45	15:00	179	K Ramachandra Rao , S Sinha, S.K Deb, J K Das	Study Of The Influence Of Lateral Distribution Of Traffic On Asphalt Pavement Design	
15:00	15:15	271	Bhaskar Paul, Gautam Bhattacharya, Sudip K Roy	A Probabilistic Study On Performance Evaluation Of Flexible Pavement Under Fatigue Distress	
15:15	15:30	215	Swati Roy Maitra , K. S. Reddy, L. S. Ramachandra	Structural Evaluation Of An In-Service Concrete Pavement	
15:30	15:45	34	Sunitha K Nayar , Ravindra Gettu	On The Toughness-Based Design Of Steel Fibre Reinforced Concrete Pavements	

09/12/11		Chair Person: T. Arasan; Co-Chair: Hiroyuki Takeshita		TRACK D5: Traffic Operations, Management and Control	Hall: Aura II
Time		Abstract ID	Name	Title	
14:15	14:30	135	Yashas bhargav , Karthik.K.Srinivasan, Ravi Venkataraman	Analysis of Advanced Traveller Information System (ATIS) Applications Using Computer Simulation Prototypes	
14:30	14:45	157	Ms. Evangeline Joyce G , Moses Santhakumar S,	Development Of Park And Ride System In Thiruchirappalli City	

			Samson Mathew	
14:45	15:00	162	Akhilesh Kumar Maurya, Raju Anand Bondre	Evaluation of traffic junction using microscopic simulation
15:00	15:15	169	Ramakrishna R Tadi, Kanok Boriboonsomsin Matthew Barth	Role Of High Occupancy Vehicle (HOV) Lanes In Combating Congestion And Emissions - California Case Study
15:15	15:30	230	Neelam J Gupta, Mukti Advani, B. Kanaga Durai, P. K. Kanchan	National Highway Information System – Use Of Traffic Counter Cum Classifier
15:30	15:45	274	K.V. Ganesh Babu, Yasuo Asakura	Effect Of Traveler Information On Driver Behaviour Under Adverse Weather Conditions

09/12/11		Chair Person: Imad L. Al-Qadi; Co-Chair: Animesh Das		Track -J2: Pavement Engineering and Management	Hall: Aura III
Time		Abstract ID	Name	Title	
14:15	14:30	129	Mogili Rambabu, Atasi Das	Value Engineering Options For Pavement Type Selection For Multi-Lane Expressway	
14:30	14:45	380	S.S. Awanti	Laboratory Characterization Of Reclaimed Asphalt Pavement Material	
14:45	15:00	397	Akash Chavercode Prakasan, Manoranjan Parida, Devesh Tiwari	Comparing Direct Assessment And AHP For Prioritizing Maintenance Of Urban Road Network	
15:00	15:15	139	Achutha.S, A. Mohan Rao, B.K. Durai, A.U. Ravishankar	Accessing Road Compaction Impact On Life Cycle Cost Of Road Projects Using HDM-4	
15:15	15:30	152	Venkat Lakkavallii, Lynne Cowe Falls	Intelligent Pavements: Monitoring of High Volume Roads	
15:30	15:45	362	Ravi Kumar Sharma, Deen Bandhu, Rounak Maheshwari, Sukhendra Kumar	Effect Of Waste Plastic Strips On Soil Improvement For Rural Road Subgrade Using Clayey Soil, Beas Sand And Fly Ash	

09/12/11		Chair Person: Paul Khosla; Co-Chair: Susan M. Herre		TRACK D6: Traffic Operations, Management and Control	Hall: Harmony
Time		Abstract ID	Name	Title	
14:15	14:30	182	Nuli Sadguna, Tom V Mathew	Real Time Optimal Signal Control Using Stop Line Detection	
14:30	14:45	315	David Mahalel, Ayelet Gal-Tzur, Niv Eden	Priority Allocation at Signalized Junctions: A Comprehensive Decision Making Process	
14:45	15:00	321	Vichika Iragavarapu, Dominique Lord	Examining Potential Factors Affecting The Safety Performance And Design Of Exclusive Truck Facilities	
15:00	15:15	378	Rahul Nair, Hani Mahmassani, Elise Miller- Hooks	A Continuum Model For Heterogeneous Traffic Flow In Disordered Systems	
15:15	15:30	143	Anusha C.S., Kavitha	Effects of Heterogeneity of Traffic and Driver Behaviour condition of Developing Countries on Saturation flow and Control delays	

15:30	15:45	10	Klaus Schlabach	Countdown Signals for Pedestrians in Germany
09/12/11		Chair Person: S. Peeta; Co-Chair: Tom V. Mathew		Track – A1: Transport Modes + Track B: Urban Transit Integration and Planning
Time		Abstract ID	Name	Title
14:15	14:30	218	Manish Verma , Atiq Siddiqui	An Analytical Approach To Maritime Crude Oil Transportation
14:30	14:45	225	Srinivas Patchala	Implementing Electronic Ticketing Machines In Urban Bus Transport Systems – Indian Context
14:45	15:00	278	Sabine Wilke , Arnab Majumdar, Washington Y Ochieng	Analysis Of Critical Factors Underlying Airport Surface Safety Occurrences – A Global Comparison
15:00	15:15	279	Miltos Kyriakidis , Arnab Majumdar, Gudela Grote, Washington Y. Ochieng	The development of performance shaping factors taxonomy for railway industry – a new approach
15:15	15:30	36	Ashwin Mahesh , Prashanth Bachu, Ashwin Prachu, Madhav Pai	Direction-based Bus Services in Bangalore – A Case Study (Track B)
15:30	15:45	319	Poonam Sabikhi , P.K Sarkar	Aviation as a Catalyst for Economic Growth - A Case Study in India

15:45 – 16:00	Tea Break	Venue: Aura & Strategy Foyer
16:00– 17:30	Technical/Special Sessions	

09/12/11	Chair Person: Hardik Shah	ATPIO– Special Session – II [Solutions/Alternatives for Congestion Relief, Road Infrastructure Financing and Safety]	Hall: Aura II
Time	Name	Affiliation/Title	
16:00– 17:30	Chandra Bhat	University of Texas - Congestion Pricing and Travel Behaviour Responses.	
	Srinivas Pulugurtha	University of North Carolina – Traffic Safety & Congestion: Need for an Integrated Approach	
	Shashi Nambisan	Iowa State University - Potential Financing Options for Road Infrastructure and Safety Investments.	
	Ramakrishna Tadi	State of California Dept. of Transportation: Are Carpool Lanes Suitable for Indian Traffic Conditions	
	Dr. Kiran Bhatt	K. T. Analytics, Inc., USA) –Road Pricing: An overview of experience, Impacts & Potential	

09/12/11	Chair Person: Shobhana Madhavan; Co-Chair: Vinod Vasudevan	Mixed Session I – (B+F+H+I)	Hall: Aura I
Time	Abstract ID	Name	Title
16:00	16:15	402	Shalini Rankavat
16:15	16:30	55	Shriniwas. S. Arkatkar , Balaji. P, Subodh Kant
			Evaluation Of Transport Infrastructure Service Quality For Pedestrians Using Analytic Hierarchy Process (Track I)
			Induced Traffic by Travel Cost Method: An Economic Case Study

			Dubey	(Track F)
16:30	16:45	99	Manoj K. Jha, Sabyasachee Mishra, Timothy Welch	An Analytical Modeling Framework To Determine Optimal Connectivity Of A Multimodal Transit Network (Track B)
16:45	17:00	28	Dimitrios Tsamboulas , Panayota Moraiti	Conceptual Framework For Optimizing Multimodal Corridor Investments (Track F)
17:00	17:15	138	Kirti Bhandari , Mukti Advani	Methodology To Estimate The Carbon Footprint Of Commuting With Focus On The Role Of Non Motorized Transport (Track H)
17:15	17:30	270	Madhu Errampalli , Velmurugan, S., Deepa, C.	Effect of congestion on fuel cost and time cost on multi-lane highways in India (Track F)

09/12/11	Chair Person: Shankar Linge Gowda; Co-Chair: Daisuke Mizusawa	Special Session – Transport Research and Beyond - I	Hall: Aura III
Time	Name	Affiliation/Title	
16:00– 17:30	Dr. Manoj Singh	Advisor (Transport), Planning Commission, New Delhi	
	Dr. Pawan Kumar	Town and Country Planning Organization, Ministry of Urban Development, Govt. of India	
	Dr. D.T.THUBE	Director, NRRDA, New Delhi	
	Mr. Shankar Linge Gowda	Commissioner, BBMP, Bangalore	
	Mr Sonal Ahuja	Director International Development, CAPITA SYMONDS, UK	

09/12/11	Chair Person: P. L. Bongirwar; Co-Chair: Raghavendra	Special Session – Transport Research and Beyond - II	Hall: Harmony
Time	Name	Affiliation/Title	
16:00– 17:30	Dr Raghuram Krishnapuram	Associate Director of Research, IBM, Bangalore	
	Mr. Tahir Naqvi	GM Technical, 3M Innovation Center, Bangalore	
	Mr. Jayaram Krishnan	President – Telematics Business Unit, Ashok Leyland, Chennai	
	Mr. Rahul Nair	Global Innovation, LOGICA, Bangalore	
	Mr. Debasish Debsikdar	Associate Vice President, Business Head - Travel, Transportation & Logistics, HCL Infosystems Ltd., Noida	
	Dr K A Raju	Tata Consultancy Services, Mumbai	

Day 4, 10th December 2011, Saturday

9:00 - 11:15	Keynote Sessions (KS)	
	<i>Venue: Aura II</i>	
	Chairperson: V. Manjula	
9:00 - 9:30	KS - 9	Prof. Raghava Chari, Retd. Professor Emeritus, NIT Warangal
9:35 - 10:05	KS - 10	Prof. Imad L. Al-Qadi, The Founder Professor of Engineering, Illinois Center for Transportation, Director Dept of Civil and Environmental Eng., University of Illinois at Urbana-Champaign
10:10 - 10:40	KS - 11	By Dr. S Gangopadhyay, Director, Central Road Research Institute, New Delhi
10:40 - 11:15	KS - 12	By Prof: P. K. Sikdar, Intercontinental Consultants and Technocrats, New Delhi

11:15 - 11:45	Tea Break	<i>Venue: Aura & Foyer</i>
11:45 - 13:15	Workshops (WS)	

11:45 - 13:15	WS - 1	Workshop A: Transport Modes and Intermodal Issues	<i>Hall: Agenda</i>
	<i>Chairperson(s): Geetam Tiwari, IIT Delhi</i>		
	<i>Rapporteur: S. Velmurugan, CRRI, Delhi</i>		
	WS - 2	Workshop B: Integrated Freight Transport Logistic Systems	<i>Hall: Aura I</i>
	<i>Chairperson(s): H. M. Shivanand Swamy, CEPT, Ahmedabad</i>		
	<i>Rapporteur K. A. Raju, TCS, Mumbai</i>		
	WS - 3	Workshop C: Traffic Operations, Management and Control	<i>Hall: Aura II</i>
	<i>Chairperson(s): T. Arasan, IIT Madras</i>		
	<i>Rapporteur: Tom V. Mathew, IIT Bombay</i>		
	WS - 4	Workshop D: Pavement Engineering and Management	<i>Hall: Aura III</i>
	<i>Chairperson(s): Rajib Mallick, IIT Madras</i>		
	<i>Rapporteur: Animesh Das, IIT Kanpur</i>		
	WS - 5	Workshop E: Sustainable Transport Planning and Policy	<i>Hall: Harmony</i>
	<i>Chairperson(s): M. V. L. R. Anjaneyulu, NIT Calicut</i>		
<i>Rapporteur: Rajat Rastogi, IIT Roorkee</i>			
WS - 6	Workshop F: Transport Economics, Finance and Evaluation	<i>Hall: Oval I</i>	
<i>Chairperson(s): R. K. Jha, GIFT, Ahmedabad</i>			
<i>Rapporteur: Sanjay K. Singh, IIM Lucknow</i>			
WS - 7	Workshop G: Travel Behaviour and Demand Analysis	<i>Hall: Oval II</i>	
<i>Chairperson(s): T. V. Ramanayya, Retd.-Professor, IIM Bangalore</i>			
<i>Rapporteur: Bhargab Maitra, IIT Kharagpur</i>			

13:15 - 14:15	Lunch Break	<i>Venue: Aura Foyer</i>
14:15 - 15:45	Workshops (WS) - Continued from previous session	
14:15 - 15:45	WS - 1 Workshop A: Transport Modes and Intermodal Issues	<i>Hall: Agenda</i>
	<i>Chairperson(s): Geetam Tiwari, IIT Delhi</i>	
	<i>Rapporteur: S. Velmurugan, CRRI, Delhi</i>	
	WS - 2 Workshop B: Integrated Freight Transport Logistic Systems	<i>Hall: Aura I</i>
	<i>Chairperson(s): H. M. Shivanand Swamy, CEPT, Ahmedabad</i>	
	<i>Reporter: K. A. Raju, TCS, Mumbai</i>	
	WS - 3 Workshop C: Traffic Operations, Management and Control	<i>Hall: Aura II</i>
	<i>Chairperson(s): T. Arasan, IIT Madras</i>	
	<i>Rapporteur: Tom V. Mathew, IIT Bombay</i>	
	WS - 4 Workshop D: Pavement Engineering and Management	<i>Hall: Aura III</i>
	<i>Chairperson(s): Rajib Mallick, IIT Madras</i>	
	<i>Rapporteur: Animesh Das, IIT Kanpur</i>	
	WS - 5 Workshop E: Sustainable Transport Planning and Policy	<i>Hall: Harmony</i>
	<i>Chairperson(s): M. V. L. R. Anjaneyulu, NIT Calicut</i>	
<i>Rapporteur: Rajat Rastogi, IIT Roorkee</i>		
WS - 6 Workshop F: Transport Economics, Finance and Evaluation	<i>Hall: Oval I</i>	
<i>Chairperson(s): R. K. Jha, GIFT, Ahmedabad</i>		
<i>Rapporteur: Sanjay K. Singh, IIM Lucknow</i>		
WS - 7 Workshop G: Travel Behaviour and Demand Analysis	<i>Hall: Oval II</i>	
<i>Chairperson(s): T. V. Ramanayya, Retd.-Professor, IIM Bangalore</i>		
<i>Rapporteur: Bhargab Maitra, IIT Kharagpur</i>		
15:45 - 16:00	Tea Break	<i>Venue: Aura & Strategy Foyer</i>
16:00 - 17:15	Valedictory Function	<i>Venue: Aura II</i>