

Dr Kayitha Ravinder, Principal Scientist, CSIR-CRRI, New Delhi

1. Name and Photograph: Dr Kayitha Ravinder

2. Designation and complete address including email id.

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3. Areas of Interest:

Transportation Planning, Traffic Engineering,
Road Safety Audits, Transport Economics and
Intelligent Transportation Systems

4. Educational Qualification – starting from the highest degree

Degree	Subject	University/ Institution	Division	Year of Passing
PhD (Doctor of Philosophy)	Transportation Engineering	Graduate School of Information Sciences, Tohoku University, Sendai, JAPAN	Excellent Grade 'A'	2006
M.Tech (Master of Technology)	Transportation Engineering	Jawaharlal Nehru Technological University, Hyderabad, Telangana	First Class with Distinction	1997
B.Tech (Bachelor of Technology)	Civil Engineering	NIT (Regional Engineering College), Warangal	First Class with Distinction	1994

5. Professional Experience - in reverse chronological order

From	To	Name of the Employer	Position Held
Aug, 2011	Till Date	C.R.R.I., New Delhi	Principal Scientist/ Scientist E-II
Aug, 2007	Aug, 2011	C.R.R.I., New Delhi	Senior Scientist/ Scientist E-I
Aug, 2003	Aug, 2007	C.R.R.I., New Delhi	Scientist/ Scientist C
Aug, 1999	Aug, 2003	C.R.R.I., New Delhi	Junior Scientist/ Scientist B
Nov, 1997	Aug, 1999	STUP Consultants Ltd, Delhi	Design Engineer (Transportation & Highways)

6. a) Membership to Professional Bodies

- (i) Life Member of Institute of Urban Transport (India)
- (ii) Journal of Institute of Urban Transport (Editorial Member)
- (iii) Member of World Conference on Transportation Research (WCTR)
- (iv) Life Member of Geotechnical Society of India
- (v) Member of Eastern Asia Society for Transportation Studies, Japan
- (vi) Member Japan Society for Civil Engineers (JSCE)
- (vii) Life Member of Indian Roads Congress (IRC)

6 b) Brief Summary of Work & Area of Expertise:

Has a very rich experience of about 20 years in Consultancy, Research and Development activities of Transportation Sector in the area of Transport Planning, Traffic Engineering, Road Safety Audit, Transportation Economics, Transport Environment, Toll Systems operating all over the world and Highway traffic management systems. *Had good international exposure to traffic management information system and **Intelligent Transportation Systems**, which are in placed in developed countries.* Had worked extensively on Road Safety Audit of Delhi-Gurgaon Access Controlled Expressway on NH8, PVNR Expressway, Hyderabad, Noida and Greater Noida Expressway, and Road Safety Audit of National Highways covering about 1200 Kilometres Length in India. Extensively worked on emissions from Road Transport and Fuel Efficiency standards of Light Duty and Heavy Commercial Vehicles in India. Worked on Comprehensive Traffic and Transportation studies on Port Blair city, Amaravati City.

Worked on toll system in placed in evaluation of economic benefits of the Road pricing/Toll pricing systems in operation such as;

- a) London Congestion pricing, (Cordon pricing in an Urban Area)
- b). 91 Express Lanes, Orange County, California, USA. (New Lane added pricing scheme)
- c) I-15 HOT Express Lanes/Fas Trak, San Diego, California, USA, (HOT lane pricing Scheme)
- d). Urban Road Pricing –Lyon , France.(Urban Corridor Pricing scheme)

*Had carried out traffic and transportation studies for the various cities, geometric design of intersections along with preparation of traffic management plans. Travel demand estimation, **Travel pattern estimation, vehicle kilometers traveled by different vehicle types** and pollution profiles for various cities (Delhi, Mumbai, Kolkata, Chennai, Bangalore, Hyderabad, Kanpur and Agra). Rendered expertise to the **Expert Committee on Auto Fuel Policy** in analyzing the inputs of various policy options, which eventually resulted in rational formulation of the Auto Fuel Policy, India. **Technical Member for Variable Message Signs (VMS)**, Delhi Traffic Police for the **infrastructure up gradation committee.***

Possess a strong Knowledge base and exposure in latest software like, MINI-TRAMP, TRIPS, CUBE and Map Info as applied in traffic and transportation applications. Further applied for the Japanese Government scholarship for doing PhD through the Ministry of Human Resources Development (MHRD), GOI. Subsequently selected for the above fellowship and completed PhD during 2003-2006. Japan Society of Civil engineers (JSCE) awarded the excellent paper award for year 2006 for the research findings on toll systems presented international forum. Furthermore awarded WCTR-2007 fellowship by World Conference on Transportation Research held at University of Berkeley, California, USA for presenting research findings on various toll systems under operation.

Published about 80 research publications covering International Journals /National Journals and Conferences. His publication in Indian Journal of Traffic Management in 2009 received best article award in 2009 instituted by ASRTU. He was awarded IRC Bihar model for the year 2011 by Indian Roads Congress. He associated in about 62 consultancy and research projects till date. He made expert presentations at European Commission, Brussels, Belgium. Berkeley University, USA. Shanghai, China. Nagoya University, Japan. Tohoku University, Japan.

Presently, he is working on Development of Indian Highway Capacity Manual (INDO-HCM), “Development and Application of Technologies for Sustainable Transportation” (SUSTRANS) and Evaluation of Economic Loss Due to Idling of Vehicles at Signalized Intersection and Mitigation Measures (ELSIM) as part of 12th Five Year Plan Projects sponsored by Government of India.

7. Achievements

a. Honours and Awards

- (i) Received Fellowship by China Society for Highway and Transportation for presenting a Research Paper in at Shanghai (2015)
- (ii) Received Fellowship IRF by for presenting a Research Paper in at Ulaan Baatar, Magnolia (2015)
- (iii) Received Fellowship by European Commission for presenting a Research Paper in at Brussels, Magnolia (2013)
- (iv) Received Young Scientist Award for the year 2006-07 from CSIR-CRRI for his outstanding performance
- (v) Received Bronze Medal Award from Indian Roads Congress (IRC) in 2011 for his publication in Journal of IRC for the year 2010
- (vi) Received Best Article Award by ASRTU in 2009 for his publication in Indian Journal of Traffic Management
- (vii) Received Excellent Paper Award in 2006, by Japan Society for Civil Engineers, Japan
- (viii) Recipient of WCTR 2007 fellowship to present paper at WCTR-2007 at Berkeley University, USA
- (ix) Recipient of Japanese Government Scholarship (Monbugakusho) for 2003 - 2006 and completed PhD during this period at Tohoku University, Sendai, Japan

b. Research Projects – in the following format:

S. No.	Title of the Project	Sponsored by	Role	Status
1	Development and Application of Technologies for Sustainable Transportation (SUSTRANS)	12 th Five Year Plan	Work Package Leader	2012-2017
2	Development of Indian Highway Capacity Manual (Indo-HCM)	12 th Five Year Plan	Work Package Leader & Co-Champion	2012-2017
3	Evaluation of Economic Loss due to Idling at Signalised Intersections and Mitigation Measures (ELSIM)	12 th Five Year Plan	Work Package Leader	2012-2017
4	Probing the change Atmosphere and its impacts in Indo-Gangetic Plains(IGP)and Himalayan Regions(AIM-IGPHim)	12 th Five Year Plan	Team Member (Principle Investigator)	2012-2017
5	Road Safety Audit during Development and Construction Phase of 4/6 Lanning of National Highways under PPP on DBFO Basis	NHAI	Project Leader	2010-2016
6	Road Safety Assessment on 2500 km of SHs & MDRs of Odisha State	OWD,Odisha	Project Leader	2016-2017
7	Skill Development & Training on Road Safety Audit for Highway Engineers for Odisha PWD Engineers	OWD,Odisha	Project Leader	Completed
8	Skill Development & Training on Road Safety Audit for Highway Engineers at Highway Research Station (HRS), Chennai, Tamilnadu	HRS, Chennai	Project Leader	Completed
9	Design and Development of Hallomajra Light Point Intersection & Transport Chowk	Chandigarh Administration	Project Leader	Completed

Intersection at Chandigarh				
10	Noise and Vibration study for Lucknow Metro Rail Project Construction Phase1A N-S Corridor	LMRC, Lucknow	Principal Investigator	2016
11	Noise and vibration study along metro rail corridor (Versova- Andheri -Ghatkopar)	MMRDA	Principal Investigator	2015-16
12	Design Stage Road Safety Audit of Sambalpur - Rourkela Section of State Highway - 10 from Km 4/900 to Km 167/900	OWD, Odisha	Principal Investigator	2015-16
13	Construction Stage Road Safety Audit of Sambalpur - Rourkela Section of State Highway - 10 from Km 4/900 to Km 167/900	OWD, Odisha	Principal Investigator	2015-16
14	Accident Investigation of Case FIR No. 64, at Tughlak Road- Safdarjang Road- ArbindoMarg - Prithivraj Road Intersection	Research Project	Principal Investigator	Completed
15	Accident Investigation on Yamuna expressway near Jewar toll Plaza, Uttar Pradesh	Research Project	Principal Investigator	Completed
16	Assessment of Atmospheric Pollutants Exposure to the Golden Temple	Research Project	Principal Investigator	Completed
17	Noise Barrier Design of New Garia and Shaheed Khudhiram Metro Area	KMRC, Kolkata	Principal Investigator	Completed
18	Comprehensive Traffic and Transportation Studies of Goa	Transport Dept. Govt. of Goa	Project Leader	2010-16
19	Traffic Circulation and Corridor Improvement Study of Savitri Cinema Road from Savitri Cinema to Guru Ravi Dass Marg	PWD, Delhi	Principal Investigator	Completed
20	Fuel Efficiency Standards of Heavy Duty Vehicles in India	Shakti Sustainable Foundation	Project Leader	Completed
21	Identification of Sites for the Display of Advertisements/Hoardings in Gurgaon town	MCG, Gurgaon	Project Leader	Completed
22	Development of Traffic Circulation Plan for Achieving Signal Free Movement at Mohan Nagar Intersection, Ghaziabad, Uttar Pradesh	GDA,Ghaziabad	Principal Investigator	Completed
23	Determination of Service Charge for Toll Tax Collection at Rajokari Border (NH-8)	MCD, Delhi	Project Leader	Completed
24	Development of Road Safety Strategy and Generating Awareness on Traffic and Road Safety - Package VII (World Bank Study)	PRBDB, Punjab	Dy.Project Leader	Completed
25	Noise, air borne Vibration & privacy issues along Four Flyovers along Dr. B.A. Road Mumbai	MMRDA	Principal Investigator	Completed
26	Noise Barrier Design & Human Response to Vibration study of PVNR Expressway (from SD Eye Hospital to Aramgarh Junction in Hyderabad	GHMC, Hyderabad	Principal Investigator	Completed
27	Noise & Vibration study of Hyderabad Metro Rail Project, Hyderabad	L&T Metro Hyderabad	Principal Investigator	Completed
28	Noise & Vibration Study and remedial measures for the work of Construction of elevated corridor on Portal Structure from Munirka to Army RR Hospital, Delhi	DRMC, Delhi	Principal Investigator	Completed
29	Design of Noise Barrier for elevated corridor on Ring Road between Vikas puri to Mukarba Chowk	PWD, Delhi	Principal Investigator	Completed
30	Design of Noise Barrier on Elevated Road between Prembari pul to Azadpur on Ring Road	PWD, Delhi	Principal Investigator	Completed
31	EIA Study for The Rehabilitation Center At Bhai Veer Marg (near Gole Market, New Delhi)	DMRC, Delhi	Principal Investigator	Completed

32	Activities for Preparation of India's Second National Communication to the UNFCCC (Mobile Combustion GAG Emissions for Transport Sector in India)	WINROCK INTERNATIONAL LIMITED	Principal Investigator	Completed
33	Road Safety Audit of PVNR Expressway , Hyderabad	GHMC, Hyderabad	Project Leader	Completed
34	Economic Benefits of Toll Roads In India	IL&FS	Project Leader	Completed
35	Feasibility Study of Replacing Cycle-rickshaws by CNG Mini Buses in Various Parts of Delhi	Transport Dept.Delhi	Project Leader	Completed
36	Road Safety Audit for Conversion of Delhi-Gurgaon section of NH-8 (14.30 km to 42.00 km) into Access Controlled Highway	NHAI	Project Leader	Completed
37	Road Safety Audit Noida-Greater Noida Expressway	Noida Development Authority, Noida	Member	Completed
	Traffic and Transportation Plan for Port Blair City	A & N Administration	Principal Investigator	Completed
38	Geometric Design of Intersections, Traffic Circulation Plan and Rigid Pavement Design at DSK Township Pune	M/S DSK Pvt. Ltd.	Principal Investigator	Completed
39	EUTRAIN European Transport Research Area International Cooperation Activities	FEHRL, Belgium	Principal Investigator	Completed
40	Evaluating Bus Rapid Transit (BRT) Corridor Performance from Ambedkar Nagar to Mool Chand	Transport Dept. Govt. of NCT Delhi	Principal Investigator	Completed
41	Road Safety Audit Training Imparted to AECOM Engineers	AECOM Pvt. Ltd.	Project Leader	Completed
42	Road Safety Audit of Dasve Road Network in Lavasa	M/S LAVASA Pvt. Ltd.	Project Leader	Completed
43	Feasibility Study on requirement of Pedestrian Underpass/Vehicular Underpasses between Palanpur-Deesa-Radhanpur section of NH-14 & NH-15	NHAI	Project Leader	Completed
44	Development of Road User Cost Models for High Speed Corridors	11th Five Year Plan Funds	Principal Investigator	Completed
45	Urban Road Traffic and Air Pollution in Delhi	SIAM	Project Leader	Completed
46	Road Safety audit of Mumbra Bypass on NH-4	PWD, Maharashtra	Project Leader	Completed
47	Design of Road Signages for Flyovers in Delhi	Transport Dept. Govt. of NCT Delhi	Team Member	Completed
48	Feasibility Study to Examine the Possibility for Installation of Weigh –in-Motion System at Various Entry point of Delhi	Transport Dept. Govt. of NCT Delhi	Principal Investigator	Completed
49	Welfare Analysis of Road Pricing/ Toll Pricing System - London Congestion Pricing	Research Project	Project Leader	Completed
50	Welfare Analysis of Added Lane Pricing Scheme of 91 Express Lanes, Orange County, California, USA	Research Project	Project Leader	Completed
51	Welfare Analysis of HOT Lane Pricing Scheme of I-15 HOT Express Lanes/Fas Trak, San Diego, California, USA	Research Project	Project Leader	Completed
52	Equity distribution, Welfare impacts and accessibility Impacts of Urban Road Pricing– Lyon , France	Research Project	Project Leader	Completed

53	Toll system as Second –best measure for communication Externalities	Research Project	Project Leader	Completed
54	Development of Quick Response Techniques (QRT) for Travel Demand Estimation of Small and Medium sized Towns and Cities”	10 th Five Year Plan	Project Leader	Completed
55	Video Incident Detection System (VIDS)	10 th Five Year Plan	Project Leader	Completed
56	Examination of Plans of the ITPO Complex for the Proposed Optimum Development Plan (ODP) considering the Traffic Studies on Roads Leading to Pragati Maidan	DDA Delhi	Principal Investigator	Completed
57	Traffic and Transportation Studies of Amravati City, Maharashtra	PWD, Maharashtra	Project Leader	Completed
58	Detailed engineering, feasibility study and project development on BOT basis for Akola bypass on national highway-6 in Maharashtra	NHAI	Principal Investigator	Completed
59	Detailed engineering report for strengthening and widening of Malanpoor-Noorabad state highway near Gwalior on BOT basis in Madhya Pradesh	NHAI	Principal Investigator	Completed
60	Imparted in the Australian Road Research Board (ARRB) - International Road Federation (IRF) - CRRRI collaborative Road Safety Audit Training Course	IRF (I)	Principal Investigator	Completed
61	Road Safety Audit Training for CRAPHTS Consultants Pvt.,Ltd.	CRAPHTS Consultants Ltd	Project Leader	Completed
62	Urban Road Traffic and Air Pollution(URTRAP)	MoPNG	Principal Investigator	Completed

c. Research Publications:

Books (1), Journals (5):

1. Pulugurta, S., Errampalli, M., and **Kayitha, R.** 2015. Fuzzy Logic–Based Travel Demand Model to Simulate Public Transport Policies. *Journal of Urban Planning and Development*, ASCE, **141(4)**, 04014044, DOI: 10.1061/(ASCE)UP.1943-5444.0000261 , 04014044. (Impact Factor: 0.95)
2. **Kayitha R.**, Velmurugan S, & Gangopadhyay S . (Dec 2014). "Development of Indian Highway Capacity Manual" *Transportation Research Record 2317*, Transportation Research Board (TRB), Washington, D. C., TRB , DEC 2014 PP 17-22.
3. Velmurugan, S., Errampalli, M., Jakkula, N. and **Kayitha, R.** 2012. Development of Congestion Cost Equations for Multilane Highways in India, *Transportation Research Record 2317*, Transportation Research Board (TRB), Washington, D. C., 121-130. (Impact Factor: 0.471)
4. Errampalli, M., Velmurugan, S., **Ravinder, K.** and Nataraju, J. 2011. Development of free speed equations for assessment of road user cost on high speed multi-lane carriageways of India on plain terrain. *Journal of Current Science*, **100 (9)**, 1362-1372. (Impact Factor: 0.935)
5. Chapter Contributed by **Dr.K.Ravinder**, Dr.S.Velmurugan and Dr.S.Gangopadhyay (2010). " Comparison of transportation project evaluation methodologies in Developed and developing countries" Dr.S.Sriraman (edited) Book Title "Transportation System studies and Policy Analysis" ISBN: 978-93-5024-087-8, HEG 098, Himalaya Publishing House, Mumbai

Refereed Journals (10):

1. Errampalli, M. and **Ravinder K.** 2013. Evaluation of Traffic System Management Measures using Microscopic Multi Modal Simulation. *Journal of Urban Transport*, **12 (1)**, pp. 17-27.
2. Errampalli, M., **Ravinder, K.** and Velmurugan, S. 2011. Evaluation of traffic and transportation characteristics of Delhi. *Journal of Urban Transport*, **10 (1)**, 29-45.

3. Velmurugan, S., **Errampalli, M., Ravinder, K.**, Sitaramanjanyulu, K. and Gangopadhyay, S. 2010. Critical evaluation of roadway capacity of multi-lane high speed corridors under heterogeneous traffic conditions through traditional and microscopic simulation models. *Journal of Indian Roads Congress*, **71 (3)**, 235-264.¹
4. **Ravinder, K.**, Dr Velmurugan, S & Dr . Gangopadhyay, S (July 2010). "Quantification of Welfare Benefits of London Congestion Pricing". *Journal of Urban Transport*, **9 (1)**, 42-52.
5. **K.Ravinder**, S.Velmurugan, J.Nataraju and S.Gangopadhyay,l "Development of Quick Response Techniques (QRT) for Travel Demand Estimation of Small and Medium sized cities in India", IUT Journal, December 2008, pp18-29.
6. Velmurugan, S., Errampalli, M., **Ravinder, K.** and Gangopadhyay, S. 2009. Updation of road user cost for economic evaluation of road projects. *Indian Journal of Traffic Management*, **33 (3)**, 205-225. ²
7. **Dr.K.Ravinder**, Dr.S.Velmurugan, J.Nataraju and Dr.S.Gangopadhyay 'Quick response techniques for Travel Demand Estimation' Published in Journal of Urban Transport (India) vol.7 No.2, December, 2008.pp18-29
8. Velmurugan.S., **Kayitha Ravinder**, Ganesh Babu K.V. and Gangopadhyay, .S. (2009) "Impact of Variable Message Signs on Motorist Behaviour on an Urban Highway Stretch", Paper published in Urban Transport Journal, Volume-8, No.1, pp 29-34.
9. Dr .E.Madhu, **Dr. K.Ravinder** & Dr.S.Velmurugan, Evaluation of Traffic and Transportation Characteristics of Delhi' full paper published in Institute of Urban Transport Journal, June, issue, 2011.
10. **K.Ravinder**, S.Velmurugan, and S.Gangopadhyay,l "ITS: Video Incident Detection for Advanced Traffic Management Systems under Indian Traffic Conditions", IRF BULLETIN,SPECIAL EDITION Aug 2010, IRF , Geneva, pp14-6.

International Conferences (59):

1. Errampalli, M., **Kayitha, R.** and Pulugurta, S. 2014. Traffic Management Plan for Port Blair City, India. *Proc. on 11th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)*, IIT Bombay, 10-12 December 2014.
2. Pulugurta, S., Errampalli, M., and **Kayitha, R.** 2014. Prediction of Future Trips using Fuzzy Logic Based Trip Generation Model. *Proc. on 11th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)*, IIT Bombay, 10-12 December 2014.
3. **Kayitha, R.** and Errampalli, M. 2014. Vehicular Emissions Based on Vehicle Kilometres Travelled from Road Sector at National Level in India. *Proc. on 11th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)*, IIT Bombay, 10-12 December 2014.
4. Ravi Bhutani, Sewa Ram and **Kayitha Ravinder**. 2014. " Impact of Metro Rail Construction Work Zone on Traffic Environment in Delhi". *Proc. on 11th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)*, IIT Bombay, 10-12 December 2014.
5. **Ravinder Dr Kayitha**, Velmurugan Dr S, Durai Dr B K and Sharma B M. 2014. " Determination of Entry Fee Service Tax for the Commercial Vehicles into Delhi on Delhi-Gurgoan Expressway ". *Proc. on 11th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)*, IIT Bombay, 10-12 December 2014.
6. **Ravinder Dr Kayitha** and Madhu Dr Errampalli. 2014. " Road Safety Audit of PVNR Expressway at Hyderabad,". *Proc. on 11th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)*, IIT Bombay, 10-12 December 2014.
7. **Ravinder Dr Kayitha** and Madhu Dr Errampalli. (2015). "Road Safety Audit & Safe System Approach". *Proc. on International Conference on Road Safety, Ulan Battar, Mongolia & IRF Geneva*, 6-8th Jan 2015.
8. **Kayitha, R.** and Errampalli, M. 2014. Vehicular Pollution Loads from Vehicular Traffic in India Based on Vehicle Kilometers Travelled for Sustainable Transportation. *Proc. International Conference on*

¹ Received Bihar PWD Bronze Medal for Best Paper in the field of Transportation Engineering for the year 2011 by Indian Roads Congress (IRC)

² Received Best Research Article Award for the year 2009 by Association of State Road Transport Undertakings (ASRTU)

Sustainable Civil Infrastructure (ICSCI 2014), ASCE India Chapter, Hyderabad, India, October 17-18, 2014.

9. **Kayitha, R.** and Errampalli, M. 2014. Congestion Management. *Proc. Sustainable Summit as part of India-California Air-Pollution Mitigation Program (ICAMP)*, TERI New Delhi, India 5th Feb 2014.
10. Errampalli, M., **Kayitha, R.** and Jakkula, N. 2013. Evaluation of Traffic System Management Measures using Microscopic Multi Modal Simulation. *Proc. 10th International Conference of Eastern Asia Society for Transportation Studies (EASTS)*, 9-12 September, 2013, Taipei, Taiwan, CD-ROM.
11. Jakkula, N., Velmurugan, S., **Kayitha, R.**, Errampalli, M. and Gangopadhyay, S. 2013. Evaluation of Bus Rapid Transit System Corridor Performance in India. *Proc. 10th International Conference of Eastern Asia Society for Transportation Studies (EASTS)*, 9-12 September, 2013, Taipei, Taiwan, CD-ROM.
12. Errampalli, M. and **Ravinder, K.** 2013. Road Safety Audit of Mumbra Bypass on NH-4. *Proc. iSPACE (Intelligent Society in Pursuit of Advanced Civil Engineering International Conference)*, March 2013, ITM University, Gurgaon, CD-ROM.
13. **Dr Kayitha Ravinder** & Dr Jakkula Nataraju (March 2013). "Road Safety Audit of National Highways in India at Construction Stage". *Proc. iSPACE (Intelligent Society in Pursuit of Advanced Civil Engineering International Conference)*, ITM University, Gurgaon, CD-ROM.
14. **Dr Kayitha Ravinder** & Dr Jakkula Nataraju (Oct. 2013). " Road Safety Audit at Pre-Opening Stage of National Highways IN INDIA–A Case Study". *Proc. 4th International Conference on Road Safety and Simulation 2013 (RSS-2013)*, October, 2013 at Rome, CD-ROM.
15. **Dr Ravinder, K.**, Dr Errampalli, M & Dr Velmurugan.S. (July 2012). "Travel Demand Management Strategies at Urban Centers in India". *Proc. International Conference on the Urban Mobility Conference - Challenges, Solutions and Prospects*, IIT Madras, from July 13-14, 2012
16. **Ravinder, K.** and Errampalli, M. 2012. Importance of crossing facilities while widening the National Highways – A Case Study of Palanpur-Dessa Sections of NH-14. *Proc. 10th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries TPMDC 2012, December 12-14, IIT Bombay, Mumbai, 2012.*
17. Velmurugan, S., Errampalli, M., Nataraju, J. and **Ravinder, K.**, 2012. Development of congestion cost equations for high speed corridors in India. *Proc. 81st Annual Session of Transportation Research Board (TRB)*, Jan 2012, Washington DC., USA.
18. **Kayitha, R.**, Errampalli, M., Velmurugan, S. and Gangopadhyay, S. 2010. Impact of vehicular emission norms on vehicular pollution loads in Delhi. *Proc. 24th ARRB Conference*, 10 - 12 December 2010, Melbourne, Australia CD-ROM.
19. **Dr. Kayitha Ravinder**, Dr.S.Velmurugan ,Dr. Errampalli Madhu & Karan Virani(Jan 2011)."Mapping of Traffic Flows on Delhi Road Network using Trans CAD". *Proc. on Geospatial World Forum, International Conference*, held at Hyderabad,18-21st January, 2011.
20. **Dr K.Ravinder**, Dr. Nishi Mittal, Dr.S.Gangopadhyay & Dr.Surinder Mohan. (March 2011). "Road Safety Audit of Access Controlled Urban Expressway in India". *Proc of International Conference on 'National Road Development Strategies & Road Safety on Improved Highways held at IHC Delhi*, March14 -19th, 2011.
21. **Ravinder, K.**, Velmurugan, S. and Errampalli, M., 2010. Evaluation of infrared based Automatic Vehicle Counters cum Classifiers (AVCC) under Indian traffic conditions. *Proc. International Conference on Transportation Planning and Implementation Methodologies for Developing Countries TPMDC 2010*, IIT Bombay, Mumbai, December 15-17, 2010.
22. **Ravinder, K.**, Errampalli, M. and Gangopadhyay, S., 2010. Vehicular pollution loads in Delhi. *Proc. International Conference on Infrastructure, Sustainable Transportation and Urban Planning, CISTUP@CiSTUP 2010*, IISc, Bangalore, 18 - 20 October 2010.
23. Jakkula Nataraju, **Kayitha Ravinder**, Madhu Errampalli and S.Velmurugan," Speed And Delays Of The Arterial Road Network Of Delhi", In CD-ROM, CiSTUP, IISc, Bangalore, October 2010.
24. Jakkula, N., **Kayitha, R.**, Errampalli, M. and Velmurugan, S., 2010. Speed and delays of the arterial road network of Delhi. *Proc. International Conference on Infrastructure, Sustainable Transportation and Urban Planning CISTUP@CiSTUP 2010*, IISc, Bangalore, 18 - 20 October 2010.

25. **Ravinder, K.**, Errampalli, M. and Gangopadhyay, S., 2010. Evaluation of tollway operations using VISSIM. *Proc. 12th World Conference on Transport Research (WCTR)*, Lisbon, Portugal, CD-ROM, 11 - 15 July 2010.
26. **Ravinder, K.**, Dr.S.Velmurugan. and Gangopadhyay, S., 2010. "Video Incident detection System for Advanced Traffic Management System (ATMS)". *Proc. 12th World Conference on Transport Research (WCTR)*, Lisbon, Portugal, CD-ROM, 11 - 15 July 2010.
27. **Ravinder, K.**, Errampalli, M. and Gangopadhyay, S., 2010. "Impact of Evaluation of Infrared based Automatic Vehicle Counters cum Classifiers (AVCC) under Indian Traffic Conditions". *Proc. 13th World Conference on Transport Research (WCTR)*, Brazil, July 15-18, 2013., CD-ROM.
28. Errampalli, M., **Ravinder, K.** and Velmurugan, S., 2010. Traffic characteristics of Delhi. *Proc. International Conference on Transportation Science and Technology Congress TRANSTEC 2010*, New Delhi, 4 - 7 April 2010.
29. **Ravinder, K.**, Errampalli, M. and Gangopadhyay, S., 2010. Vehicular emission norms Vs vehicular pollution in Delhi. *Proc. International Conference on Transportation Science and Technology Congress TRANSTEC 2010*, New Delhi, 4 - 7 April 2010.
30. Errampalli, M., Velmurugan, S., **Ravinder, K.** and Gangopadhyay, S., 2009. Speed - flow characteristics of high speed corridors in India. *Proc. 14th International Conference of Hong Kong Society for Transportation Studies (HKSTS)*, Hong Kong, 10 - 12 Dec 2009.
31. **Kayitha, R.**, Velmurugan, S., Errampalli, M. and Gangopadhyay, S., 2009. Development of speed flow curves for high speed multilane corridors in India. *Proc. 8th International Conference of Eastern Asia Society for Transportation Studies (EASTS)*, Surabaya, Indonesia, 16 - 19 November 2009.
32. Gangopadhyay, S., Velmurugan, S., **Kayitha, R.** and Errampalli, M., 2008. Urban road traffic and vehicular pollution in major cities in India. *Proc. 23rd ARRB Conference - Research Partnering with Practitioners*, Adelaide, Australia, Aug 2008, CD-ROM.
33. **Ravinder, K.**, Errampalli, M., and Gangopadhyay, S., 2008. Role of toll collection methods in reducing the congestion on urban/ intercity corridors. *Proc. International Conference on Best Practices to Relieve Congestion on Mixed-Traffic Urban Streets in Developing Countries (BPRCM)*, IIT Chennai, India, Sep 2008, 63-72.
34. **Dr.K.Ravinder**, Mrs.Padma and Dr.S.Gangopadhyay 'Traffic Management Plan for Sadar bazar area, Full Published in proceedings of International conference of "Best Practices to Relieve Congestion on Mixed – Traffic Urban Streets in Developing Countries (BPRCM-2008)" to be held on Sept 12-14, 2008, at IIT Chennai,INDIA (Published pp 371-328)
35. **Dr.K.Ravinder**, Dr.S.Velmurugan and Dr.S.Gangopadhyay 'Efficacy of Video Incident Detection System for Advanced Traffic Management System under heterogeneous traffic conditions' Published in proceedings of Scientific papers of 15th World Congress on Intelligent Transport Systems was held from November 16-20, 2008 in New York City,USA.
36. **Dr.K.Ravinder**, Dr.S.Velmurugan and Dr.S.Gangopadhyay 'Economic Benefits of Toll Roads in India' submitted to third International Conference on Funding Transportation Infrastructure, to be held at Paris, June 19 and 20, 2008 (accepted and Published).
37. **Dr.K.Ravinder**, Dr.S.Velmurugan and Dr.S.Gangopadhyay 'Efficacy of Video Incident Detection System for Advanced Traffic Management System under heterogeneous traffic conditions' Published in conference proceedings of Transportation Planning and Implementation Methodologies For Developing Countries-TPMDC 2008 held on December 3-6, 2008, at IIT Bombay,INDIA.
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