

Publications

International Journal

1.) Kedia, A., Saw, K., Katti, B.K. (2014). Fuzzy Logic Approach in Mode Choice Modelling for Education Trips: A Case Study of Indian Metropolitan City. **Under 2nd Review** at Transport, Taylor and Francis Publication.

International Conference

1.) Kedia, A., Katti, B.K. Mode Choice Modelling Approach using Fuzzy Logic in Indian Metropolitan Context, was presented and published in the *Proceedings of International Civil Engineering Symposium, ICES 2014*, ASCE India Section, Southern Region, VIT University. IC-108, Page No. 316-324.

2.) Kedia, A., Saw, K., Katti, B.K. (2014). Mode Choice Modelling for Work Trips in an Indian Metropolitan City Using Soft Computing Technique, presented at an International Conference ‘Transportation Planning and Methodologies for Developing Countries’ held on 10-12 December, 2014, at Indian Institute of Technology-Bombay, India.

National Conference

1.) Kedia, A., Azizi, S., Errampalli, M., Joshi, G.J. (2014). Evaluation of Public Transport Policy for Surat City: A Comparative Study through MNL and FRBS. Proceedings of Transportation Young Researchers Symposium, TYRES - 2014. NIT Warangal, India.

2.) Kedia, A., Katti, B.K. (2014). Discrete Mode Choice Modelling through FRBS: A Case Study of Metropolitan City. Proceedings of Colloquium on Transportation Systems Engineering and Management, CTSEM-2014. NIT, Calicut, India.

Working Papers

- 1.) Fuzzy Rule Based Transit Demand Modelling for a metropolitan context in India.
- 2.) Information & Communication Technology – Urban Transportation interaction: A review.
- 3.) Effect of Landuse and Socio-economic diversity on the travel pattern of urbanites: A case study of Indian metropolitan city.
- 4.) Stated Preference based Transit Demand Modelling for a fast growing economy: A case study of Surat city.

Professional Affiliations

- 1.) Life Member at Indian Society for Technical Education, New Delhi
- 2.) Life Member at Institute of Urban Transport, India
- 3.) Life Member at Institution of Engineers, India **in Process**
- 4.) Annual Member at Indian Roads Congress, New Delhi
- 5.) Annual Member at Transportation Research Group of India
- 6.) Life Membership at Institute of Town Planners, India **in Process**

Awards and Achievements

- 1.) Post Graduate Scholarship by Ministry of Human Resource Development, Government of India. (July, 2012 to June, 2014).
- 2.) 2nd position among the 2012-2014 batch of M.Tech. (Transportation Engineering & Planning) at S.V. National Institute of Technology, Surat, India.

Thesis Guided

B.Tech. Projects

- 1.) Impact of Land-use and Socio-economic characteristics on travel pattern in an Indian Industrial city: A case of Ahmedabad. (Ongoing)