

Curriculum Vitae

Name: Dr. Sumeet Jaiswal

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Beed By-pass Road, Aurangabad (M.S.)

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Mobile: NA

Date of Birth: 10/ 02/ 1982



Academic Credentials

Degree	Specialization	Institution	University	Year	%/CGPA	Class
Post Graduate Certificate	Economics	The University of Queensland, Australia	The University of Queensland, Australia	2015	4.8	-
Ph.D.	Transportation Engineering	Queensland University of Technology, Australia	Queensland University of Technology, Australia	2010	-	-
M. Tech.	Transportation Engineering	Indian Institute of Technology, Roorkee	Indian Institute of Technology, Roorkee	2006	8.55	-
B.E.	Civil Engineering	Government College of Engineering, Aurangabad	Dr. Babasheb Ambedkar Marathwada University	2002	69.46	Distinction

M. Tech. Thiess:

Title: Prediction of Accidents for Heavily Trafficked Non-Urban Highways
Traffic accidents on National Highway 58 were investigated and a prediction model was developed using Artificial Neural Network technique.

Ph. D. Research:

Thiess: Busway Platform Bus Capacity Analysis

This research investigated the effects of passenger crowding at busway station on the bus dwell time and busway station efficiency. A new methodology is developed for busway capacity estimation and the results will provide an additional tool to busway system planners to estimate operating capacity of stations.

Key Research Areas:

Transport Economics, Public Transportation, Logistic and supply chain, Cost engineering

Experience

Sr. No.	Organization	Post	From To	No. of Years
1	Maharashtra Institute of Technology, Aurangabad	Associate Professor	1 st Aug 2018 to Till Date	1.5
2	Marathwada Institute of Technology, Aurangabad	Associate Professor	3 rd Aug 2015 to 31 July 2018	3
3	QGC, Brisbane, Queensland, Australia	Transport & Traffic Engineer	Nov 2011 to June 2015	3.5
4	TTM Consulting, Maroochydore, Queensland	Traffic Engineer	Jan 2011 to Aug 2011	0.5
5	The University of Queensland, Brisbane, Queensland	Research Assistant	Dec 2009 to Oct 2011	1.75
6	Bitzios Consulting, Brisbane, Queensland	Transport planner and Traffic Engineer	April 2007 to Nov 2009	1.75
7	Queensland University of Technology, Brisbane	Tutor	Feb 2009 to July 2009	0.5

List of Courses Taught/Teaching at UG level

- Transportation Engineering
- Town Planning
- Remote Sensing & GIS
- Pavement Engineering

List of Courses Taught/Teaching at PG level

- Traffic & Transportation (for M. Arc program)
- Urban Transport Planning (for M.Tech program at VNIT, Nagpur)

Additional Assignments/Duties

- Worked as HOD for Civil Engineering
- Worked as Board of Studies Member for Transportation Engineering, VNIT, Nagpur.

Research Projects/Projects Guided

M. Tech Thesis

- Understanding and Quantifying Road Network Delays in Accessing Nagpur Inland Container Depot, VNIT Nagpur.

B. E. Project

- Travel Survey Study for Shendra MIDC.

Computer/Software Proficiency

- VISUM
- ArcGIS
- Microsoft Project
- VISSIM
- Map-Info
- MS Access
- SATURN
- QGIS
- EMME
- SPSS

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- 88th Annual Meeting of Transportation Research Board, Washington DC, United States (2009)
- 32nd Australasian Transport Research Forum (ATRF), Auckland, New Zealand (2009).
- 31st Australasian Transport Research Forum (ATRF), Gold Coast, Australia (2008).
- 30th Australasian Transport Research Forum (ATRF), Melbourne, Australia (2007).

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference organized

- Organised a one-day roundtable conference in association CMIA and AMC on the theme: Challenges, Opportunities, Risks & Mitigation in making Aurangabad a Smart City (Oct 2015).
- Organized, in association CMIA and AMC, an event called “Road Show” to increase the awareness on Smart City Competition of Government of India and to help Aurangabad Municipal Corporation in their outreach program (Oct 2015)

Invited talks delivered

- Delivered expert lectures for students of M.Tech. Transportation Engineering, VNIT Nagpur, 12-13 April 2017
- Delivered expert lectures for students of M.Tech. Transportation Engineering, VNIT Nagpur, 08-10 Feb 2019
- Delivered expert lecture for students of Civil Engineering, Raison College Pune, 2019

List of Research Publications

Papers in National/ International Journal

- The influence of platform walking on BRT station bus dwell time estimation: An Australian analysis. In *Journal of Transportation Engineering* (ASCE) (2010).

Papers in National /International Conference Proceedings

- Jaiswal, Sumeet, Bunker, Jonathan M., & Ferreira, Luis (2010), Modelling Bus Lost Time: An Additional Parameter influencing Bus Dwell Time and Station Capacity at a BRT Station Platform. In Proceedings 89th Annual Meeting of Transportation Research board, Washington DC, United States
- Jaiswal, Sumeet, Bunker, Jonathan M., & Ferreira, Luis (2009), Effects of Fare Collection Policy on Operating Characteristics of a Brisbane Busway Station. In Proceedings 32nd Australasian Transport Research Forum (ATRF), Auckland, New Zealand.
- Jaiswal, Sumeet, Bunker, Jonathan M., & Ferreira, Luis (2009), Modelling the Relationship Between Passenger demand and Bus Delays at Busway Station. In Proceedings 88th Annual Meeting of Transportation Research board, Washington DC, United States.

- Jaiswal, Sumeet, Bunker, Jonathan M., & Ferreira, Luis (2008), Relating bus dwell time and platform crowding at a busway station. In 31st Australasian Transport Research Forum (ATRF), Gold Coast, Australia.
- Jaiswal, Sumeet, Bunker, Jonathan M., & Ferreira, Luis (2007), Characteristics and Performance of a Busway Transit Station. In Proceedings 30th Australasian Transport Research Forum (ATRF), Melbourne, Australia.
- Jaiswal, Sumeet, Janvi Mohurle, Prajakta Kulkarni, Aishwarya Raje, Diksha Karanjikar, Shivani Dhotre, Mrunali Ghumare (2016), Understanding Travel Behaviour of Employees of an Industrial Area-Aurangabad Case Study. In 12th Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), 19 - 21 December 2016, IIT Bombay, Mumbai, India.
- Thakare, Ashwini; Kumar, Amit; Jaiswal, Sumeet, and Landge, Vishrut (2017), Understanding and Quantifying Road Network Delays in Accessing Nagpur Inland Container Depot. In the 4th Conference of the Transportation Research Group of India (CTRG-2017), 17 - 20 December 2017, IIT Bombay, Mumbai, India.
- Jaiswal, Sumeet and Parida, Manoranjan (2005), Ropeway – An Alternative Mode of Transport in Hilly Region, Paper presented in International Seminar, PRITHVI 2005, Global Eco Meet, Thiruvananthapuram, 24 – 25 Feb 2005.

Awards, Achievements and Recognition

- Awarded with ‘The David Wills Memorial Prize’ at ATRF 2007, Melbourne, Australia.
- Awarded 2nd prize for paper on "Rubber Dam" at MIT Pune, India.
- Awarded 3rd prize for "Best Innovative Structural Steel Design" for 2001 – 2002 for B.E. project.

Date: 25 Feb 2020

Place: Aurangabad