

Curriculum Vitae



1. **Name** : **Dr. Anuj Jaiswal**
2. **Proposed Position** : **Associate Professor, MANIT, Bhopal**
3. **Date of Birth** : **10th OCT 1975**
4. **Nationality** : **Indian**
5. **Educational Qualification:**

Degree/ Qualification	Institution/ University	Year of Passing	Area
B. Arch.	School of Architecture, I.E.P.T, Indore, (RGPV, Bhopal)	2001	Architecture
Master of Planning	School of Planning and Architecture, New Delhi	2003	Transportation Planning
PhD	Maulana Azad National Institute of Technology, Bhopal.	2013	Optimisation of Public Transport Demand

6. Employment Record:

- **Teaching Experience** : 20 years (in MANIT in Bhopal ,presently Associate Prof AGP 9500)
- **Field Experience: 2.5 years**
 1. RITES Limited, Gurugram
 2. A.K. Sharma & Associate , New Delhi

7. **Consultancy Projects: approx. 28 lacs**

S. N	Name of Sponsoring Agency	Consultancy Project Title	Amount Sanctioned (in Lakhs)	Period of Project	
				From	To
1	Collectorate Bhopal	Junction Improvement Measures for Critical Corridors in Bhopal	17.10	May 2015	Dec 2016
2	PWD , Bhopal	Traffic Management and Planning of Junction near Railway Over Bridge at Bawadiya kala railway crossing, Bhopal	2.87	Feb 2017	April 2017
3	Municipal Corporation , Bhopal	Traffic management and Planning of junction near Habibganj under bridge, Bhopal	1.55	May 2017	ongoing
4	Capital Project Administration (CPA)	Planning and Geometric Design of 3 legged Junction near Raj Bhawan, Bhopal	1.77	October 2017	December 18
5	MP PWD , Bhopal	Geometric Design and Traffic management for Subhash Crossing	4.13	March 18	June 18

6	Bhopal Municipal Corporation	Traffic Management and junction Design of Kilol Park, Bhopal	1.80	Jan 22	March 22
7	M P Tourism	Traffic Management and Parking Advises for Salkanpur Temple, District Sehoh	2.36	Dec 2022	March 2023
8	Police Training and Research Institute (PTRI) Bhopal	Accident Prevention and Traffic Improvement Plan for Bhopal	11.80	March 2023	July 2023
10	MP PWD , Bhopal	Traffic coordination Pan post construction of Flyover between Ganesh Mandir to Gaytri Mandir (design of junction near Mansarovar complex, DB mallsquare and on the flyover	9.44	June 2024	Feb 2025
	PWD , Ujjain	Road safety Interventions at flyover from Bhopal Junction to Indira Gandhi Junction	1.5	Jan 2025-	March 2025
	Setu Bandhan MPRDC Bhopal	Construction of Flyover at Vyapam Square in Bhopal City in M P	1.5	June 2025-	August 2025
11	Collector and District Magistrate, Damoh (MP)	Safety improvement measures for 12 Black-spot locations and 2 hot-spot locations in Damoh district Madhya Pradesh.	16.52	August 2025	ongoing

8. Research Projects

	Name of Sponsoring Agency	Project Title	Amount Sanctioned	Period of Project	
				From	To
1	Grants in Aid Scheme MANIT	Evaluation of Public Transport Demand Analysis for Bhopal and Similar Towns	8.7 lacs	August 2010	March 2011
2	PNC Infratech Limited New Delhi	Assessment of Strength Characteristics of Cement Concrete Pavement by Usage of Steel and Polypropylene Fibres in Pavement Quality Concrete Mixes	1.80 lacs	June 2017	June 2018

9. Research Publications

• International Journals

	Title of Paper	Name of Journal	Volume,	Position
1	Optimisation of Public Transport Demand: A case Study of Bhopal	<i>International Journal of scientific and research publication</i>	Vol- 2 , issue 7, July 2012	1st
2	Estimation of Public Transport Demand in Million Plus Indian Cities based on travel behavior	<i>International Journal of Engineering and Advanced Technology</i>	Vol-2, issue 1, Oct 2012	1st
3	Sustainable transit oriented development: solving congestion problem at Delhi	<i>International Journal of Sustainable Development</i>	August 2012	1st
4	Bus Rapid Transit System: A milestone for Sustainable transport: A case study Janmarg	<i>International Journal of Sustainable Development</i>	Nov 2012	1st
5	Potential of BRTS for million plus Indian cities : case study of Janmarg BRTS, Ahmadabad	<i>International Journal of Advanced Engineering Research and Study</i>	Vol-1, issue 3, April 2012	1st
6	Leakage of Transit Ridership in BCLL Bus Service over Private Bus Service Provider in Bhopal	<i>International Journal of Engineering and Advanced Technology (IJEAT)</i>	Volume-3, Issue-5, June 2014	2nd

7	Traffic Signal Coordination for Effective Flow of Traffic: A Review	<i>International Journal for Scientific Research & Development</i>	Vol. 3, Issue 04, 2015	2nd
8	User Priorities for Mode Choice Factors: A Case Study of Bhopal	<i>International Research Journal of Engineering and Technology (IRJET)</i>	Vol: 02 Issue: 04 July-2015	2nd
9	Modelling Pedestrian Overall Satisfaction Level at Signalised Intersection Crosswalks	<i>International Research Journal of Engineering and Technology (IRJET)</i>	Vol: 02 Issue: 03 June-2015	2nd
10	Identification Of Attributes Affecting Mode Choice Modal For Bus Rapid Transit System	<i>International Research Journal of Engineering and Technology (IRJET)</i>	Vol: 04 Issue: 05 May -2017	2nd
11	Pedestrian comfort while shopping at the Commercial Nodes of Agra,	<i>International Journal of Psychosocial Rehabilitation</i> , 24(08), ISSN: 1475-7192,	March 2020, pp. 1856–1865.	2nd
12	Estimation of Trip Attraction Rate- A Case Study of New Market, Bhopal,	<i>TEST Engineering and Management</i>	Volume 83, March-April 2020	2nd
13	Assessment of Satisfaction Level for Existing Public Transport Systems using Machine Learning: A Case of Bhopal (India)	<i>European Transport</i>	n93 2023	1st
14	Indicators for Active Transportation in Tier II Indian Cities: A Case of Bhopal, India	<i>Journal of Advanced Transportation</i>	October, 2024	2nd
15	Assessing bus users satisfaction using discrete choice models: a case of Bhopal	<i>Innovative Infrastructure Solutions</i>	Volume 9, Issue 1, Dec 2024	2nd
16	Predictive Analysis of Indicators of Active Mobility: A Comparative Assessment of Statistical and Machine Learning Models	<i>European Transport</i>	Issue 103, 2025	2nd
17	Assessing public transport travel satisfaction through a configurational method: a case study of Bhopal	<i>Innovative infrastructure solutions</i>	October, 2025	2nd
18	Assessment of Perceived Level of Service for Active Transportation in Development Metropolises: A Structural Equation modeling Approach	<i>Transportation Research Record</i>	2025 (Accepted)	2nd
19	Evaluating factors influencing Active Transportation in Developing Metropolises	<i>Civil Engineering Infrastructures Journal</i>	2025/4/14	2nd

• **International Conference:**

	Title of Paper	Detail of Conference	Year	Authors Position
1	State of Art Highway Infrastructure for Taj Express way: A case study - NH-2 (Delhi-Agra section)	International Conference on Transportation Planning and implementation methodology for Developing Country , at IIT Mumbai	Dec 2008	1st
2	Urban Parking Concept and Management: An Approach towards greener side	International Conference on Green Cities Design, Planning & Management , MANIT Bhopal	Jan 2011	1st
3	Sustainable transit oriented development: solving congestion problem at Delhi	International Conference on Sustainable Development, Malaysia	Dec 2011	1st
4	Bus Rapid Transit System: A Milestone for Sustainable	International Conference on Sustainable Development, Malaysia	Dec 2011	1st

	Transport: A case study Janmarg, Ahmadabad			
5	Cost effective Material for Sustainable Development	National Conference on Green Building For Sustainable Development, MITS, Gwalior	March 2015	1st
6	Estimation of Trip Attraction Rates of Commercial Land Use in Bhopal City	3 rd Conference of Transportation Research Group of India,	December, 2015.	2nd
7	Suggesting measures on implementation of Transit Oriented Development(TOD) in Indian cities -Case Study of Bhopal	International Conference on Recent Advances In Transport Infrastructure MANIT, Bhopal	Feb 2018	1st
8	Assessing Overall Pedestrian Satisfaction Level at Signalised Junctions in Bhopal	International Conference on Recent Advances In Transport Infrastructure MANIT, Bhopal	Feb 2018	2nd
9	Identification of Factors Affecting the Shift Towards Bicycle Mode"	Recent Advances in Transport Infrastructure,	2018.	2nd
10	Critical Factors Affecting Pedestrian Crossing Behavior at Signalized Intersection	Recent Advances in Transport Infrastructure,	2018.	2nd
11	Sharing Mechanism of Traffic Risks	Recent Advances in Transport Infrastructure,	2018.	2nd
12	Improving the Urban Transportation System in Bhopal"	Recent Developments in Civil Engineering Infrastructure,	2019.	1st
13	Transit Oriented Development: A tool for Sustainable development for Indian Cities	5th International conference of TRG Bhopal	Dec 2019	1st
14	Role of NMT for Sustainable Mobility in Indian Cities	RACESED 2021	2021	1st
15	Trip Attraction rate for Commercial center : A case Study of Sadar Bazar	RACESED 2021		2nd
16	Green Mobility in Cities: A Case of Jabalpur, India	TPMDC IIT Mumbai	2022	2nd
17	Passengers perception and Satisfaction towards public Transportation : A review	TPMDC IIT Mumbai	2022	2nd
18	Assessment of Satisfaction level for Bus transit System in Bhopal	TPMDC IIT Mumbai	2022	1st
19	Life Cycle Assessment of Recycled & Secondary Material in Construction of Roads	CISCE MNIT Jaipur	2023	3rd
20	Sustainable urban finance for mass rapid transit development	Proceedings of the 5th Urban Economy Forum + 59th ISOCARP World Planning Congress, Toronto Canada	2023	2nd
21	An Investigation into the Recent Developments in Intelligent Transport System	EASTS2023 Malaysia	2023	2nd
22	Factors Influencing the User's satisfaction in Context of Public Transport in Indian cities	EASTS2023 Malaysia	2023	2nd
23	Natural language processing (NLP)-based systematic study of intelligent transportation systems (ITS): A systematic review	Recent Advances in Infrastructure Development (RAID-2024), NIT Calicut	2023	2nd
24	Electric Bus Service in Urban Areas: A Review	Recent Advances in Infrastructure Development (RAID-2024), NIT Calicut	2023	2nd
25	Implementation of Transit Oriented Development Based on 5D Principles: A Case of Vijayawada	CTRG-2023, NIT Surat	2023	Ist
26	A review on active mobility for sustainable urban transportation	CTRG-2023, NIT Surat	2023	2nd

27	IOT-based Smart Parking System: A Review	CTRG-2023, NIT Surat	2023	2nd
28	Development of mode choice model: A case study of Bhopal city	Conference on Transportation Systems Engineering and Management (CTSEM 2024)	2024	2nd
29	Willingness study for using Active modes on Identified Corridors- A Case of Hisar	Conference on Transportation Systems Engineering and Management (CTSEM 2024)	2024	2nd

10. PhD Guided : 1 , (04 ongoing)

11. Post Graduate Dissertations Guided : 27

12 Under graduate thesis guided : 85

13. Book chapters in the books published by reputed international publishers :10

14. Short Term Course Organised : 12

15. International Conference Organised: 2

16. Membership of Professional Societies:

- Council of Architecture, New Delhi
- Indian Institute of Architects, India
- The Indian Institute of Town Planners, India
- Institute of Urban Transport, India
- Transport Research Group, India

17. Significant outreach activities

- Seasoned trainer for training of trainers (Institute of urban transport, MOUD).
- Expert of a technical committee for the installation of signals in Bhopal.
- Treasurer of regional chapter of Institute of Urban Transport (IUT), MOUD, GOI for M.P. & Chhattisgarh State since 2014.
- Member for assistance in confidential work in UPSC, Government of India ,New Delhi
- Organized several training programs, International Conference and workshops as coordinator/conference secretary in the area of Road safety, Public Transportation, Traffic management, Smart Transportation and Active Transportation for field engineers, Planners and Traffic Police.
- Technical advisor, Road works MANIT Bhopal committee for inspection of road works at MANIT Campus. Bhopal
- Executive Engineer (deposit work) in MANIT Bhopal
- Guest speaker in various Seminars, Conference, Training Programs and Workshops for various Govt non govt agencies.
- Regular Expert for lectures and training in all Training Program on "*Traffic Issues and Traffic Management - Problems and Solutions*" in Central Academy of Police Training, Ministry of Home Affair , Govt of India and PRTI, Bhopal, Govt of MP
- Provided consultancy services as a Consultant to several government and non government organizations of approximate amount of Rs. 60 lakhs.

Signature of the Candidate

