

MAYANK DUBEY

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PROFILE

Dr. Dubey is an Assistant Professor in Transport Planning at School of Planning and Architecture, Bhopal. He holds a Ph.D. in Transport Planning from School of Planning and Architecture, New Delhi and has worked in academic, research, and consultancy roles related to urban transport and infrastructure planning. His areas of work include urban mobility systems, city logistics, freight planning, road safety, and transit-oriented development. He is currently involved in teaching core and studio courses in transport planning and guiding postgraduate research. Dr. Dubey also coordinates the Centre of Excellence in City Logistics Management, supported by the Department for Promotion of Industry and Internal Trade and GIZ, which focuses on research and capacity building in sustainable urban freight. His professional work includes preparation of master plans, local area plans, and road safety audits for Indian cities, along with participation in national research initiatives related to traffic engineering and transport policy.

ONGOING & COMPLETED PROJECTS

1. Centre of Excellence in City Logistics Management (COECLM) – GIZ (Coordinator, 2023–Ongoing)
2. GIS-Based Master Plan for 9 towns in Jammu and Kashmir (Deputy Team Lead, 2025 –Ongoing)
3. Integrated Urban Climate Action for Low Carbon & Resilient Cities (Urban Act) (Team member - Apr 2025 - Ongoing)
4. Road safety audits and safe street design for black spots and intersections in Bhopal and Katni, Madhya Pradesh (2024-2025) - (Team leader)
5. Centre for Indian Knowledge Systems in Town Planning – AICTE, MoE (Co-PI, 2023–2025)
6. Local Area Plans along Transit Corridors (Bhopal & Indore) – MPMRCL (Project Lead, Ongoing)
7. Infrastructure Plan for 15 Towns of Manipur – Town Planning Dept. Manipur (Lead, 2022–Ongoing)
8. Geometric Design for Corridor Synchronization, Bhopal (Lead, 2021–2022)
9. GIS-Based Master Plan for Greater Imphal (Team Member, 2020–2023)
10. Smart City ABD Proposal Review, Bhopal (Team Member, 2020–2021)
11. Public Transport Perception Study (MoBus, Bhubaneswar) – GiZ India (Lead, 2018–2019)
12. Low Carbon Mobility Plan for Bhubaneswar – GiZ India (Team Member, 2018–2019)
13. Municipal Cadre Migration action plan for Housing and Urban Development Department, Government of Odisha, (Project member - 2018-19)
14. Pedagogy and capacity building framework for non networked sanitation management as part of Sanitation Capacity Building Program with NIUA (2018-19 as Team lead)

RESEARCH PUBLICATIONS

- Sharma, P., Dubey, M. (2026). Impact of Slope Upon Pedestrian Flow. Transport Transitions: Advancing Sustainable and Inclusive Mobility. Lecture Notes in Mobility. Springer, Cham.
- Paul, B., & Dubey, M. (2023). Interaction of public autonomous vehicles with stochastic driving modes on Indian roads. Transportation Research Procedia, 72, 1824-1831.
- Lakra, Savita, and Mayank Dubey. "Parameters for Assessing Public Transport Accessibility of Indian Cities." Urban Mobility India. Singapore: Springer Nature Singapore, 2023. 303-313.
- Talreja, Harshit, and Mayank Dubey. "Inefficiency Assessment for Agricultural Commodities in Urban Areas." Transport Research Arena Conference. Cham: Springer Nature Switzerland, 2024.
- Dubey, M. (2019). Smart signals and corresponding challenges in heterogeneous traffic conditions. 55th ISOCARP World Planning Congress, Jakarta.
- Dubey, M., Ram, S., & Sarkar, P. K. (2016). Behavior of traffic flow parameters for varying geometric variables of mid-block merging sections. WCTR 2016, Shanghai.
- Dubey, M., Ram, S., & Sarkar, P. K. (2015). An approach for assessment of weaving length for mid-block traffic operations. International Journal for Traffic and Transport Engineering (IJTTE).
- Dubey, M., Ram, S., & Sarkar, P. K. (2015). Correction factor of fundamental equation for merging section in mixed traffic conditions. Urban Transport Research Journal.
- Dubey, M., Ram, S. (2014). Capacity of weaving sections on Urban Roads. Urban Transport Research Journal.

RESEARCH GUIDANCE

- M.Plan (Thesis) & MBA (Capstone Projects): 40+ completed
- B.Plan (Undergraduate Thesis): 5 completed
- Ph.D. (Research Guidance): 3 ongoing

PROFESSIONAL CONTRIBUTIONS

- Contributor to IRC 92:2017 – Design Guidelines for Urban Interchanges
- Research representative for Indo-Highway Capacity Manual (WP 5B), SPA Delhi
- Developer and trainer for Road Safety Auditor's Accreditation Program, IAHE-MoRTH
- Invited expert for STTPs on Urban Freight Governance, Traffic Engineering, and Data Analytics

CONFERENCE PRESENTATIONS AND DELEGATIONS (International only)

Presented at international and national platforms including TRA (Lisbon, 2022), ISOCARP (Jakarta, 2019), WCTR (Shanghai, 2016), Urban Mobility India (2013–2014), South Asia Urban Forum (Colombo, 2015), and global delegations on Smart Urban Mobility (Germany, 2018; Heidelberg, 2017).