

Dr. Bivina G.R.

Assistant Professor

Department of Civil Engineering

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Personal Profile

Full Name: Bivina G. R.

Gender: Female

Nationality: Indian

Marital Status: Married

Academic Background

1. PhD from Indian Institute of Technology Roorkee, Uttarakhand, India (2015-2019)
2. Master of Technology in Transportation Engineering from Visvesvaraya National Institute of Technology, Nagpur, India (2012-2014)
3. Bachelor of Technology in Civil Engineering from Kerala University (2008-2012)

Course	Specialization	University	Year of Passing	Percentage of Marks/CGPA
10 th	NA	CBSE	2006	90%
12 th	NA	CBSE	2008	84%
B.Tech	Civil Engineering	Kerala University	2012	8.38
M.Tech	Transportation Engineering	VNIT Nagpur	2014	9.73
PhD	Transportation Engineering	IIT Roorkee	2019	NA

Academic Projects

1. PhD Thesis – “Pedestrian Level of Service Assessment for Sidewalks using Qualitative Evaluation” (December 2015-August 2019,IIT Roorkee)
2. M. Tech Thesis – “Socio-Economic Valuation of Traffic Delays” (June 2013 - May 2014, V.N.I.T Nagpur)
3. B. Tech Project – “Software development for Analysis of Truss using Finite Element Method ” (Jan 2012 - June 2012, Sree Buddha College of Engineering, Kerala)

Professional Experience/Internships

1. Work experience (in chronological order)

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1	Assistant Professor (Grade-I)	Maulana Azad National Institute of Technology Bhopal	21/12/2023	Till Now	Basic pay 101500/-, grade pay 8000
2	Assistant Professor (Grade- II)	Maulana Azad National Institute of Technology Bhopal	18/6/2020	20/12/2023	Basic pay 70900/-, grade pay 6000
3	Assistant Professor	Pandit Deendayal Petroleum University	6/5/2019	8/4/2020	Basic pay 70900/-, grade pay 6000
4	Research Scholar	IIT Roorkee	25/12/2015	4/10/2019	Consolidated 35000/-
5	Assistant Professor	Sri Vellappaly Natesan College of Engineering	10/6/2014	12/10/2015	Consolidated 30000/-

2. Fellowships/Awards

1. Received CSIR Travel Grant for attending World Conference Transportation Research Studies which is going to held at Toulouse, France from 4th July to 10th July, 2026.
2. Received Bursary award for attending World Conference of Transportation Research Society to attend World Conference Transportation Research Studies which is going to held at Toulouse, France from 4th July to 10th July, 2026.
3. Best Poster award at 15th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)
4. IEEE Travel grant to attend IEEE ITSS Chapter Meeting on December 16th, 2024 at Ahmedabad University
5. Received second prize in quiz competition conducted during Vigilance week by MANIT Bhopal, November, 2024
6. SERB-DST Travel Grant to attend 103rd Annual meeting of Transport Research Board Meeting (2024)
7. Received first prize in Drafting and Nothing competition conducted for non-hindi employees on Hindi Pakhwada organized by MANIT Bhopal (6th September, 2023).

8. Cairo University Prize for the best paper in developing countries presented at 15th World Conference for Transportation Studies at IIT Bombay (2019)
9. Ministry of Human Resource Development (Govt. of India) fellowship for Philosophy of Doctoral Research (from Jan 2016)
10. Topper in the Batch of 64 students in Bachelor Degree
11. Best outgoing student from Department of Civil Engineering, Sree Buddha College of Engineering, (Batch 2008 to 2012)
12. Merit scholarship from Army Welfare Education Society
13. Selected for Prime Minister's Merit scholarship, 2008
14. Best Student and Proficiency winner in 11th class (2007).
15. Secured 2nd position during 12th CBSE Board Exam in 2008.
16. Secured 2nd position during 10th CBSE Board Exam in 2006

3. Software Packages/Computer Skills

1. MS Office (Proficient)
2. SPSS (Proficient)
3. Autocad (Proficient)
4. Matlab (Average)
5. C++ (Average)
6. AMOS (Proficient)
7. Arc-GIS (Average)
8. Easy Fit (Proficient)
9. R-Package (Average)
10. LISREL (Proficient)

4. Workshops & Conferences attended & organized

Workshops attended

1. Attended FDP on "Strengthening Student Mentoring and Mental Well-Being" Scheduled on June 15th -19th June 2026 in MANIT, Bhopal
2. Attended Training program of Karmayogi on 9th January 2026 at MANIT Bhopal.
3. Attended workshop on Applications of Driving Simulator and VR in advanced Road Safety Research organized by IIT Roorkee from October 25 to 26th, 2024 (offline)

4. Attended online training session on Capacity Building for Promoting Positive Mental Health, Resilience and Wellbeing in HEIs by Department of Higher Education, Ministry of Education on 17th September, 2024 (online)
5. Attended workshop on Naturalistic Driving Behavior organized by IIT Jammu from 30th to 31st August, 2024 (offline)
6. Attended a short term training program on Recent Developments & Advances in Transportation Engineering organized by National Institute of Technology Calicut from 13th March to 18th March 2023. (online)
7. Attended a short term training program on Recent Advances in Infrastructural Developments (RAID 2023) organized by National Institute of Technology Calicut from 13th February to 18th February 2023. (online)
8. Attended short term training program on outcome-based education conducted by National Institute of Technical Teachers' Training and Research, Bhopal from 12-07-2021 to 24-07-2021 at MANIT Bhopal (online).
9. Attended a two day Indo-German Workshop on Mobility Design organized by Design Innovation Centre (DIC) at Indian Institute of Technology Roorkee, Uttarakhand on 1st and 2nd March 2019.
10. Attended and presented a paper on one day workshop cum regional conference of Institute of Town Planners (ITPI), Uttarakhand Regional chapter (UKRC) ON Human Settlements and planning Education held on 24th March 2018 at Department of Architecture and Planning, IIT Roorkee, Uttarakhand.
11. Attended a short term programme on "Innovations in Urban Transport Infrastructure" (IUTI'14) at Transportation Engineering Research Centre (TRC), College of Engineering, Thiruvananthapuram, Kerala conducted on 22nd to 24th January 2014.
12. Attended a one-day QIP Workshop ON "Transportation Safety" Organized by Department of Mathematics, Indian Institute of Technology Roorkee, Uttarakhand on February 20, 2016 under QIP Programme.

Work as Coordinator/Organizing Committee Members

1. Conducted an Expert Lecture on "Advance Green Steel and Sustainable Waste Utilization in Road Development" on 12 February 2026 by Sh. Satish Pandey, Senior Principal Scientist and Head of Department, Flexible Pavement Division, CSIR–Central Road Research Institute, New Delhi.

2. Conducted an expert lecture course on Road Safety Engineering, Enforcement and Awareness” by Mr. Satwinder Singh Lally (Retd. Addl. Superintendent of Police & National level Trainer) on 30th January 2026 as a part of Road Safety Month celebrated at Department of Civil Engineering, MANIT Bhopal.
3. Conducted an expert lecture course on Traffic Management Plan for Highway Construction Zone Safety by Dr.M. Parida on 9th Feb 2026 at Department of Civil Engineering, MANIT Bhopal.
4. Training programme on Game Development and Virtual Reality (VR) Applications at Department of Civil Engineering from 21st April to 25th April, 2025
5. Member in organizing Yuva Sangham phase –II Programme of MP visit by NIT Surathkal Team, May 2023
6. Training programme organized by Maulana Azad National Institute of Technology, Bhopal and National Rural Infrastructure Development Authority on "Design of Flexible and rigid Pavements for Rural Roads on 28th October to 2nd November, 2022
7. Training programme organized by Maulana Azad National Institute of Technology, Bhopal and National Rural Infrastructure Development Authority on "New technologies initiatives in rural roads including use of marginal materials" on 24th Nov to 28th Nov, 2022
8. High end training on " Applications of ICT in Transportation Engineering & Logistics" sponsored by SERB-Karyashala organized by MANIT Bhopal on 14th July to 20th July 2022
9. Proposal accepted to organize new International Research Group (IRG) entitled “Theory-based development, implementation and evaluation of an innovative educational platform to enhance traffic safety for school-going children in Asian context”.
10. Work as Student Organizing Committee Member for 1st International Conference on Transportation Infrastructure Projects Conception to Execution (TIPCE) at IIT Roorkee on January 7-10, 2019.
11. National Conference on Road & Transport held at Department of Civil Engineering, IIT Roorkee, India, and October 12-13, 2017.
12. 8th Task Force Committee (TFC) meeting of the project titled,” Development of Indian Highway Capacity Manual (Indo-HCM)” held at IIT Roorkee from September 9 to September 10th, 2016.

13. ISHAN VIKAS Programme 2016 for VKV Balijan held at IIT Roorkee from 5th of December 2016.

5. Expert Lecture Delivered

1. Expert lecture on topic titled “Designing Pedestrian-Friendly Cities: Best Practices & Innovation” on 29th May 2026 at Department of Civil Engineering, Oriental Institute of Science & Technology, Bhopal.
2. Expert lecture on workshop on ‘Applications of SEM for road and transportation research at Central Road Research Institute (CRRI) on 11th Dec 2024 in online mode.
3. Expert lecture on ‘Advances in Civil Engineering’ at ITM University Gwalior on 9th December 2024.
4. Expert lecture on ‘Traffic Calming measures for enhanced safety’ on at Charusat University of Science and Technology October 7th 2024.
5. Expert lecture on ‘Road Safety: No safe system without forgiving roads’ at Charusat University of Science and Technology on October 7th 2024.
6. Keynote speaker at Conference on urban mobility and emerging technologies conducted by Consulting Engineers Association of India (CEAI) at Bhopal on 19 to 20th July 2024
7. Expert Lecture and hands on training programme on EFA and CFA in SPSS and AMOS as a part of visiting faculty programme by Department of Civil Engineering, College of Engineering, Thiruvananthapuram on March 13, 2024.
8. Expert Lecture on ‘Design of flexible and rigid pavements’ for a training program conducted for NRIDA engineers working in various states of the country from 03rd to 07th March 2024.
9. Expert Lecture on ‘Rural Road Safety Manual and School Zone Safety’ for Rural Road Safety Course conducted at VNIT Nagpur from 4th to 8th Feb 2024.
10. Expert lecture on EFA & CFA, Factor Analysis, Structure Equation Modeling, and Hands-on Training on AMOS lecture series for PG students for analytical skills and industry exposure at VNIT Nagpur on 5th Feb 2024.
11. Expert lecture on one week short term training programme on “Applications of MCDM approach in Logistics and Transportation Engineering” (online) at National Institute of Technology, Calicut held from 10th to 15th July 2023.
12. Delivered Keynote address for the first National Conference of Vision Zero Sunnit organized by MANIT Bhopal from 29th 31st May 2023.

13. Expert lecture on Rural Road Safety at The Madhya Pradesh Rural Road Academy (MPRRA/ RCTRC) on Road Safety Near School Zones, Walmi, MPRRA, August 11, 2023
14. Training programme organized by Maulana Azad National Institute of Technology, Bhopal and National Rural Infrastructure Development Authority on "Design of Flexible and rigid Pavements for Rural Roads on 28th October to 2nd November, 2022
15. Training programme organized by Maulana Azad National Institute of Technology, Bhopal and National Rural Infrastructure Development Authority on "New technologies initiatives in rural roads including use of marginal materials" on 24th Nov to 28th Nov, 2022
16. High end training on " Applications of ICT in Transportation Engineering & Logistics" sponsored by SERB-Karyashala organized by MANIT Bhopal on 14th July to 20th July 2022
17. Proposal accepted to organize new International Research Group (IRG) entitled “Theory-based development, implementation and evaluation of an innovative educational platform to enhance traffic safety for school-going children in Asian context”.
18. Acted as resource person for a Road safety training programme organized by Maulana Azad National Institute of Technology, Bhopal and National Rural Infrastructure Development Authority from 28th February to 5th March, 2022.
19. Acted as session chair for theme Sustainable Transportation Planning & Policy from 11:40 AM to 1:10 PM for the Urban Mobility India-Research Symposium (UMI-RS) 2021 which will be held online on 25th October 2021.
20. Acted as resource person for a webinar on “Assessing Walkability around Metro Stations: A walk Audit Tool Approach” organized by Al Azhar College of Engineering and Polytechnic, Thodupuzha on 7th October, 2021.
21. Acted as session chair for 1st ‘National Conference on Advances in Civil Engineering and Technology conducted by Mahaguru Institute of Technology, Kerala on September 2021.
22. A webinar was given on the topic “Walk Accessibility to Metro Stations: An Analysis based on Meso- or Micro-scale Built Environment Factors” organized by Transportation Research Group (TRG) India has been given on 25th June 2020, 3.30PM (IST)

23. Acted as a resource person for QIP Short Term Course on "Modelling and Simulation of Pedestrians for Scientific Decision Support" held on 24th to 28th February 2020 at Indian Institute of Science (IISc) Bangalore.
24. Acted as Session chair 5th Conference of Transportation Research Group of India (CTRG) conducted by Transportation Research Group of India on December 18-21 2019.

6. Languages

1. English (Speak, Read & Write)
2. Malayalam (Mother Tongue)
3. Hindi (Speak, Read & Write)
4. Tamil (Speak)

7. Memberships

1. Transportation Research Group of India, TRG India
2. World Conference of Transport Research Society
3. Indian Society for Technical Education
4. Indian Road Congress
5. East Asian Society of Transportation Studies
6. IEEE, ITS

8. Reviewer/Editor

1. Reviewer of Journal of Urban Mobility
2. Reviewer of Sustainable Cities & Societies Journal
3. Reviewer of Journal of Transportation Research Part F
4. Reviewer of Journal of Transportation Research Part D
5. Reviewer of Journal of Transportation Research Record
6. Editor of Special issue in Journal of Transportation Research Part F
7. Member H1 committee of Indian Road Congress (IRC)
8. Member in Editorial Board of Journal of Transportation Research Part F
9. Editorial member Journal of Transportation Research Part F: Traffic Psychology

9. Publications

1. Nadiya Ishrath, **G.R. Bivina** (2026), Linking pedestrian behaviour, safety perception, and behavioural adaptation: An Indian perspective, Transportation Research Part F: Traffic Psychology and Behaviour, Volume 121, 2026, <https://doi.org/10.1016/j.trf.2026.103685>.
2. Saumya Anand, Pritikana Das, **GR Bivina** (2026). Machine Learning in Household Trip Generation Modelling: A Comprehensive Review. Archives of Computational Methods in Engineering. <https://doi.org/10.1007/s11831-026-10599-3>
3. **Bivina G.R.**, Km Simran, Yogeshwar Navandar (2026). Enhancing youth adoption of electric two-wheeler: satisfaction and loyalty determinants in urban India, Transportation Research Part F: Traffic Psychology and Behaviour, Volume 119, 2026, 103590, ISSN 1369-8478, <https://doi.org/10.1016/j.trf.2026.103590>
4. Jijin A., Yogeshwar Navanadar, **Bivina G.R.**, Krishnamurthy K. (2026). Harnessing Machine Learning for Analyzing Key Attributes of MaaS and PID in Inland Water Transport Ridership. Journal of the Eastern Asia Society for Transportation Studies, 16, PP4204. <https://doi.org/10.11175/easts.16.PP4204>
5. Jijin A., Yogeshwar Navanadar, Krishnamurthy K., **Bivina G.R.** (2026). Rethinking Ridership Decline in Emerging Urban Waters: A Bayesian Nested Logit Model of Psychological Barriers', submitted to Journal of The Institution of Engineers (India): Series A. <https://doi.org/10.1007/s40030-026-00953-w>
6. Chinmay Gayan, **Bivina G.R.**, Yogeshwar Navandar (2025). Predicting Injury Severity in Vehicle-to-Pedestrian Collisions: Evidence from Madhya Pradesh State, India. Traffic Safety Research (Press). <https://doi.org/10.55329/xnew4225>
7. Anand, S., Das, P., & **Geetha Rajendran, B.** (2025). A Comparative Framework for Trip Generation Prediction: A Case Study of Raipur City, India. National Academy Science Letters, 1-6. <https://doi.org/10.1007/s40009-025-01774-4>
8. **Bivina G.R.**, & Das, P. (2025). Exploring Personality Traits and Driving Behavior: Insights from Indian Drivers. *Transactions on Transport Sciences*, 16(2), 56-67. <https://tots.upol.cz/pdfs/tot/2025/02/07.pdf>
9. Saleem, S., Jaiswal, A., & **Bivina G.R.**, (2025). Evaluating factors influencing Active Transportation in Developing Metropolises. Civil Engineering Infrastructures Journal. <https://doi.org/10.22059/cej.2025.383151.2161>
10. C Vijay, N., Rokade, S., & **Bivina G.R.** (2025). Examining infrastructure and child pedestrian safety in Bhopal's school zones. Innovative Infrastructure Solutions, 10(3), 1-20. <https://doi.org/10.1007/s41062-025-01895-1>

11. Kalam, P., Ishrath, N., Rajendran, B. G. (2025) “Pedestrian Safety and Distraction: A Contemporary Perspective”, *Periodica Polytechnica Transportation Engineering*, 53(2), pp. 111–123. <https://doi.org/10.3311/PPtr.36749>
12. Akshay Gupta, **G R Bivina**, Vivek Chauhan, Manoranjan Parida, How Metros’ Catchment Area Affect Commuters Choice To Walk Or Use Feeder Modes? *Transportation Research Procedia*, Volume 82, 2025, Pages 1400-1417, <https://doi.org/10.1016/j.trpro.2024.12.132>
13. Akshay Gupta, **G.R. Bivina**, Manoranjan Parida, Prioritising Pedestrian's Needs around Transit Stations through Walkability Assessment: A walk audit tool approach, *Transportation Research Procedia*, Volume 82, 2025, Pages 1205-1228, ISSN 2352-1465, <https://doi.org/10.1016/j.trpro.2024.12.121>
14. **Bivina, G. R.**, & Parida, M. (2024). *Gender disparities in defining factors of pedestrian level of service of sidewalks. Environment, Development & Sustainability*, 1–24. <https://doi.org/10.1007/s10668-024-04796-y>
15. Ishrath, N., Rajendran, **Bivina G.R.** Exploring trends and patterns in traffic safety culture of pedestrians: a bibliometric analysis. *SN Soc Sci* **4**, 186 (2024). <https://doi.org/10.1007/s43545-024-00981-y>
16. Vijay, N. C., Rokade, S., & **Bivina, G. R.** (2024). Towards safer streets: A review of child pedestrian behavior and safety worldwide. *Transportation Research Part F: Traffic Psychology and Behaviour*, 103, 638-660. <https://doi.org/10.1016/j.trf.2024.05.005>
17. Sayanton Mohanta, Yogeshwar V. Navandar, **Bivina G. R.** & K. Krishnamurthy (2023) *Inland Water Transport: A Bibliometric Literature Review*, *Science & Technology Libraries* 42(7) 1-18, DOI: [10.1080/0194262X.2023.2177791](https://doi.org/10.1080/0194262X.2023.2177791)
18. Gupta, A., **Bivina, G. R.**, & Parida, M. (2022). Does neighborhood design matter for walk access to metro stations? An integrated SEM-Hybrid discrete mode choice approach. *Transport Policy*. volume 121, 2022, Pages 61-77, ISSN 0967-070X, <https://doi.org/10.1016/j.tranpol.2022.03.010>.
19. Kaur, H., Singh, P., **Bivina, G.R.** and Nawani, A., 2021, June. Qualitative Evaluation of Pedestrian Facilities using the PLOS Model. In *IOP Conference Series: Earth and Environmental Science* (Vol. 775, No. 1, p. 012004). IOP Publishing. [doi:10.1088/1755-1315/775/1/012004](https://doi.org/10.1088/1755-1315/775/1/012004)
20. **G.R. Bivina**, Akshay Gupta, Manoranjan Parida, Walk Accessibility to Metro Stations: An analysis based on Meso- or Micro-scale Built Environment Factors, *Sustainable Cities and Society*, Volume 55, 2020, 102047, ISSN 2210-6707, <https://doi.org/10.1016/j.scs.2020.102047>

21. **G.R. Bivina**, Gupta A., Parida M. (2019). Influence of Microscale Environmental Factors on Perceived Walk Accessibility to Metro Stations. *Transportation Research Part D: Transport & Environment* 67:142-155. <https://doi.org/10.1016/j.trd.2018.11.007>
22. **Bivina, G. R.**, & Parida, M. (2019). Modelling perceived pedestrian level of service of sidewalks: a structural equation approach. *Transport*, 34(3), 339-350. <https://doi.org/10.3846/transport.2019.9819>
23. **Bivina, G. R.**, & Parida, M. (2020). Prioritizing pedestrian needs using a multi-criteria decision approach for a sustainable built environment in the Indian context. *Environment, Development and Sustainability*, 22(5), 4929-4950. <https://doi.org/10.1007/s10668-019-00381-w>
24. Kathuria, A., **Bivina G.R.** Parida, M., & Sekhar, C. R. (2019). Examining Walk Access to BRT Stations: A Case Study of Ahmedabad BRTs. *Institute of Transportation Engineers. ITE Journal*, 89(5), 43-49.
25. **Bivina G.R.**, Parida P., Advani M., Parida M. (2018). "Quality of Service Model for Evaluating and Improving Sidewalks from Various Land uses". *European Transport \ Trasporti Europei*, Issue 67, Paper No. 2. ISSN 1825-3997.
26. **Bivina, G. R.**, Vishrut Landge, and VS Sanjay Kumar. "Socio Economic Valuation of Traffic Delays." *Transportation Research Procedia* 17 (2016): 513-520. <https://doi.org/10.1016/j.trpro.2016.11.104>

10. Conferences

1. Parijat Jain, **Bivina G.R.**, Pritikana Das, Sri Khetwat Saritha, Multimodal AI-Based Smartphone System for Real-Time Detection of Distracted Pedestrians in Smart Cities, HIVE 3.0, 22 to 24 March, 2026 at IIT Mandi.
2. Akhilmith V., Neeraja Chandrasekhar, Yogeshwar V. Navandar, **Bivina G. R** and K. Krishnamurthy (2025), Evaluating Vulnerability and Risk Exposure in Schoolchildren Commuting by Bus in India: A Quantitative Analysis, 8th Conference of Transportation Research Group (CTRG) , India, Dec 17-20, IIT Guwahati.
3. Saumya Anand, Pritikana Das & **Bivina G.R.** (2025), Uncovering Mobility Segments in Urban India: A Latent Class Analysis of Travel Patterns, 8th Conference of Transportation Research Group (CTRG), India, Dec 17-20, IIT Guwahati.
4. Saumya Anand, Pritikana Das & **Bivina G.R.** (2025), Identifying Distinct Traveler Segments in Raipur City: A Latent Class Analysis Approach to Urban Mobility Planning, 8th Conference of Transportation Research Group (CTRG), India, Dec 17-20, IIT Guwahati.

5. Mohit Kumar Thakrey & **Bivina G.R.** (2025), “From Perception to Action: Strategies to Enhance Traffic Safety Culture Among Indian Two-Wheeler Riders”. 3rd International Conference Transportation Infrastructure Projects: Conception to Execution (TIPCE), from Sept 18-21, 2025
6. Saumya Anand, Pritikana Das & **Bivina G.R.** (2025), “Examining Heterogeneity in Trip Generation Patterns: A Latent Class Analysis of Urban Travel Behavior in Bhopal. 3rd International Conference Transportation Infrastructure Projects: Conception to Execution (TIPCE), from Sept 18-21, 2025
7. Arnish Aman & **Bivina G.R.**,” Investigating the Impact of Speed Limit Signboards on Road Capacity and Speed Violation Patterns: A Comprehensive Analysis” 3rd International Conference Transportation Infrastructure Projects: Conception to Execution (TIPCE), from Sept 18-21, 2025
8. Parijat Jain, **Bivina G.R.**, Pritikana Das, & Saritha Khetawat (2025), “Pedestrian Distraction at Signalized and Non-Signalized Intersections: Observational Data from Bhopal City” 3rd International Conference Transportation Infrastructure Projects: Conception to Execution (TIPCE), from Sept 18-21, 2025
9. Jijin A., Yogeshwar V Navandar, **Bivina G. R.**, K Krishnamurthy (2025). “Harnessing Machine Learning for Analyzing Key Attributes of MaaS and PID in Inland Water Transport Ridership.” The 16th International Conference of Eastern Asia Society for Transportation Studies (EASTS 2025), UNS, Surakarta, Indonesia during 1st- 4th September 2025.
10. Neeraja Chandrasekhar, Akhilmith V, **Bivina G R**, Krishnamurthy K and Yogeshwar V Navandar (2025). “Analysis of Factors Influencing Walkability among School Children in India.” The 16th International Conference of Eastern Asia Society for Transportation Studies (EASTS 2025), UNS, Surakarta, Indonesia during 1st- 4th September 2025.
11. Vibha Lodhi, Tanmaya Nagar, **Bivina G.R.**, Real-time pavement performance evaluation based on reliability evaluation. Paper presented at the 11th International Conference on Transportation Systems Engineering & Management (CTSEM 2025). Proceedings – in press, July 4 to 5, 2025.
12. AbhinaV Ashish, Saumya Anad, **Bivina G.R.**, Manoranjan Parida. Gender Dimensions in Trip Generation: A Systematic Literature Review. Paper presented at the 11th International Conference on Transportation Systems Engineering & Management (CTSEM 2025). Proceedings – in press, July 4 to 5, 2025.
13. Neeraja Chandrasekhar, Akhilmith V, **Bivina G. R**, Krishnamurthy K, Yogeshwar Navandar (2025). Traffic Safety Analysis of Adolescent Bicycle Riders on the Way to School and Back. Paper presented at the 11th

14. Anshika Gupta, Siddhartha Rokade, and **Bivina G.R.** Evaluating and enhancing road safety using start rating for school zones. A case study of Bhopal city in India. Challenges and innovations for sustainable smart cities (CISSC 2025), February, 2025.
15. Anshika Gupta, Siddhartha Rokade, and **Bivina G.R.** Evaluating and enhancing road safety using start rating for school zones. A case study of Bhopal city in India. Challenges and innovations for sustainable smart cities (CISSC 2025), February, 2025.
16. Jijin A, Yogeshwar V Navandar, **Bivina G R** and Krishnamurthy K. “Analytical Hierarchy Process for Predicting Customers’ Patronage of Inland Water Transport Towards a Sustainable Urban City”. 15th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), IIT Bombay (India), December 18-20, 2024.
17. Jijin, Yogeshwar, **Bivina G.R.**, & Krishnamurthy K. Contemplating Strategies for Improving Customers’ Patronage of Inland Water Transport: A Case Study of Kerala. 104th Transportation Research Board Annual Meeting, Washington D.C. (TRB, 2025). Jan 7th to 11, 2025 (accepted)
18. Km. Simran, **Bivina G.R.** & Yogeshwar Navandar. Socio-Psychological and Technological Influences on Electric Two-Wheeler Rider Satisfaction and Loyalty. 104th Transportation Research Board Annual Meeting, Washington D.C. (TRB, 2025). Jan 7th to 11, 2025
19. Saharash Chaube, **Bivina G.R.**, Siddhartha Rokade, A Study of Pedestrian Crossing Facilities near Roundabouts: A Case of Bhopal City, 10th Conference on Transportation Systems Engineering management (CTSEM 2024), VNIT Nagpur (July 19 and 20th, 2024)
20. Nadiya Ishrath & **Bivina G.R.**, A Systematic Literature Review on Understanding Pedestrian Traffic Safety Culture, 10th Conference on Transportation Systems Engineering management (CTSEM 2024), VNIT Nagpur (July 19 and 20th, 2024)
21. Sayaton Mohanta, Yogeshwar, **Bivina G.R.**, Krishnamurthy, Sustainable Pathway: Exploring Barriers of Indian Inland Water Transport. 104th Transportation Research Board Annual Meeting, Washington D.C. (TRB, 2025). Jan 7th to 11, 2025 (accepted)
22. Neelima Vijay, Siddhartha Rokade, **Bivina G.R.** Uncovering Patterns of Road Safety Perception In Child Pedestrians: A Latent Class Analysis Perspective. 103rd Transportation Research Board Annual Meeting, Washington D.C. (TRB, 2024). Jan 7th to 11, 2024
23. Tushar Bansal, Siddhartha Rokade & **Bivina G.R.** The Crosswalk Conundrum: An Investigation of Pedestrian Crossing Facility Usage. Proceedings of the

24. Mohit Thakrey & **Bivina G.R.**, Traffic safety culture of drivers: A systematic literature review. Recent Advances in Infrastructure Development (RAID 2024), NIT Calicut. (February, 2024)
25. Simran & **Bivina G.R.**, A Systematic review on investigating the factors affecting the adoption of E-micro mobility. Recent Advances in Transportation Engineering (RAID 2024), NIT Calicut. (February, 2024)
26. Chinmay Gayan & **Bivina G.R.** Child pedestrian collision near school zone: A systematic literature review. Recent Advances in Infrastructure Development (RAID 2024), NIT Calicut (February, 2024)
27. Nadiya Ishrath, **Bivina G.R.** Traffic Safety Culture of pedestrian: A bibliographic Literature Review. 9th Conference on Transportation Systems Engineering management (CTSEM 2023), NIT Warrangal. (August, 2023)
28. Khem Khushwa, Nadiya Ishrath, **Bivina G.R.** Exploring Distracted Riding: A Comprehensive Literature Review on Two-Wheeler Driver Distraction. 9th Conference on Transportation Systems Engineering management (CTSEM 2023), NIT Warrangal. (August, 2023)
29. Pratham Khare, Anchuri Pranathi, Bhavesh Tejawani, Pratibha Kalam, **Bivina G.R.**, Neelima C Vijay and Animesh Jain. Understanding Pedestrian Distraction: An Observational Analysis of Prevalence and Impact on Safety. 7th Conference of Transportation Research Group (CTRG 2023) held in December, Surat.
30. Neelima Vijay, Siddhartha Rokade, **Bivina G.R.** Child Pedestrian Safety Research: An Overview of Bibliometric Trends and Knowledge Gaps. 7th Conference of Transportation Research Group (CTRG 2023) held in December, Surat.
31. Animesh Jain & **Bivina G.R.** A Review and Analysis of Underutilization of Pedestrian Crossing Facilities based on Quantitative and Qualitative Analysis. 7th Conference of Transportation Research Group (CTRG 2023) held in December, Surat.
32. Saumya Anand, Pritikana Das, **Bivina G.R.** Comparative analysis for trip generation model of Tier II cities in India. 7th Conference of Transportation Research Group (CTRG 2023) held in December, Surat.
33. **Bivina G.R.**, Pritikana Das, Tanish Bhumarkar, Ravi Tiwari, Mahendra Singh and Shitala Prasad. From Altruism to Anger: A Study of Prosocial and Aggressive Driving Behavior in Indian Drivers. 7th Conference of Transportation Research Group (CTRG 2023) held in December, Surat.

34. Animesh Jain, **Bivina G.R.** Understanding the utilization patterns of pedestrian crossing facilities: evidence from Bhopal city. 16th Urban Mobility India Conference cum Exhibition (UMI)2023 held in Delhi October 2023. \
35. Akshay Gupta, **Bivina G.R.**, Manoranjan Parida (2023). Prioritizing Pedestrian's Needs around Transit Stations through Walkability Assessment: A walk audit tool approach. 16th World Conference for Transportation Studies (WCTR, 2023).
36. Akshay Gupta, **Bivina G.R.**, Vivek Chauhan Manoranjan Parida (2023). How Metros' Catchment Area Affect Commuters Choice To Walk Or Use Feeder Modes? 16th World Conference for Transportation Studies (WCTR, July 2023).
37. Saumya Anand, Pritikana Das, **Bivina G. R.** (2022). Trip Generation based on land use characteristics: A review of the techniques used in recent years. 14th International Conference of Transportation Planning and Implementation Methodologies for Developed Countries (TPMDC), held in IIT Bombay, India, 2022.
38. Neelima C Vijay, Siddhartha Rokade, **Bivina G. R.** (2022). A review on Pedestrian Level of Service for Sidewalks. 14th International Conference of Transportation Planning and Implementation Methodologies for Developed Countries (TPMDC), held in IIT Bombay, India, 2022.
39. Saharash Chaube, **Bivina G.R.**, Siddhartha Rokade (2022). Analyzing Pedestrian Crossing difficulty near roundabouts. 2nd International Conference of Transportation Infrastructure Projects: Conception to Execution.
40. Gupta A., **Bivina G.R.**, Parida M. (2022). Does Neighborhood Design Matter for Walk Access to Metro Stations? An integrated SEM-Hybrid Discrete Mode Choice Approach in Conference of 101th Transportation Research Board Annual Meeting, Washington D.C. (TRB, 2022). (Accepted)
41. Gupta A., **Bivina G.R.**, Parida M. (2021). Access environment near Metro Stations: A trade-off between walk & feeder modes in 6th Conference of Transportation Research Group of India held at Trichi December 14th, 2021.
42. Kaur, H., Singh, P., **Bivina, G.R.** and Nawani, A., 2021, June. Qualitative Evaluation of Pedestrian Facilities using the PLOS Model. Presented din Global Sustainability Conferences (2021)
43. **Bivina G.R.**, Gupta A., Parida M. (2019). Role of Microscale Built Environment Factors on Perceived Walk Accessibility to Metro Stations: A Case of Delhi Metro. 13th International Conference of Eastern Asia Society for Transportation Studies (EASTS, 2019).
44. Gupta A., **Bivina G.R.**, Parida M. (2019). How Far People Can Walk to Access Metro? A Study of Access Trip Characteristics of Delhi Metro Users. 13th International Conference of Eastern Asia Society for Transportation Studies (EASTS, 2019).

45. Gupta A., **Bivina G.R.**, Parida M. (2019). Measuring the Impact of Objective and Subjective Built Environment Factors on Access Mode Choice to Metro Stations. Presented at 15th World Conference for Transportation Studies (WCTR, 2019).
46. **Bivina G.R.**, Parida M. (2019). Do Gender Affects the Parameters Influencing Pedestrian Level of Service of Sidewalks? An Analysis Using Structural Equation Modelling Approach. Presented at 15th World Conference for Transportation Studies (WCTR, 2019).
47. **Bivina G.R.**, Gupta A., Parida M. (2019). Improving Pedestrians' access around metro stations in Delhi through better management of Safety & security 1st National Conference on Traffic Technologies. CAPT (Central for Police Training), BPR&D Ministry of Home Affairs, Bhopal, Madhya Pradesh, February 21-22, (2019).
48. **Bivina G.R.**, Sapnani S., Parida M. (2018). Modelling Perceived Pedestrian Level of Service Of Sidewalks: An Application Of Structural Equation Modelling. Presented in Committee meeting in the 95th Transportation Research Board Annual Meeting, Washington D.C (TRB, 2018).
49. Kathuria A., **Bivina G.R.**, Parida P., Sekhar, R. (2018). Examining Walk Access to BRT Stations: A Case Study of Ahmedabad BRTS. Presented in poster session in the 95th Transportation Research Board Annual Meeting, Washington D.C. (TRB, 2018)
50. **Bivina G.R.** & Parida M. (2018). Walk Accessibility to Metro Stations: Role of Microscale built environment factors. 79th Annual Meet of Indian Road Congress, Nagpur, Maharashtra. (IRC, 2018)
51. Gupta A., **Bivina G.R.**, Parida M. (2018). Assessing Walkability Around Metro Stations: A walk Audit Tool Approach. Recent Advances in Traffic Engineering (RATE) held at SVNIT Surat, 2018.
52. Rani K., Boora A., **Bivina G.R.**, Parida M. (2017). Which Factors Affect "Walkability" of Pedestrians on Sidewalk in Indian cities? Presented paper in 12th International Conference of Eastern Asia Society for Transportation Studies (EASTS, 2017).
53. **Bivina G. R.**, Gupta D., Parida P., Advani M., Parida M. (2017). Qualitative Evaluation of sidewalks in Delhi. Presented in 13th Transportation Planning and Implementation Methodologies for Developed Countries (TPMDC), held in IIT Bombay, India, 2017.
54. **Bivina G.R.**, Parida P., Parida M. (2017). Qualitative Assessment of Sidewalks Based On Land Uses - A Case Study of Delhi. Presented a Keynote paper in National Conference on Roads and Transport, IIT Roorkee (NCORT, 2017).
55. **Bivina, G. R.**, Vishrut Landge, and VS Sanjay Kumar (2014). Socio Economic Valuation of Traffic Delays. Presented on 11th Transportation Planning and

Implementation Methodologies for Developed Countries (TPMDC), held in IIT Bombay, India, 2014.

56. **Bivina G.R.**, Sanjay V.S., Arun (2014). Valuation Travel Time Delays. Presented on a National Conference on Recent Advances of Civil Engineering (RACE'14) at Younus College of Engineering, Kerala, India, 2014.

11. Book chapters

1. Abhinav Ashish, Saumya Anand, **Bivina Geetha Rajendran** & Manoranjan Parida (2026). Gender Dimensions in Trip Generation: A Systematic Literature Review. *Advances in Transportation Systems and Pavement Engineering: Challenges and Solutions - Vol 3*
2. Ishrat, N., & **Rajendran, B. G.** (2025). A Systematic Literature Review on Understanding Pedestrian Traffic Safety Culture. In *International Conference on Transportation System Engineering and Management* (pp. 53-69). Springer, Singapore.
3. Chaube, S., Rokade, S., & **Rajendran, B. G.** (2025). A Study of Pedestrian Crossing Facilities Near Roundabouts: A Case of Bhopal City. In *International Conference on Transportation System Engineering and Management* (pp. 135-151). Springer, Singapore.
4. Animesh Jain & **Bivina, G. R.** (2025). The Unused Crosswalk: An Analysis of Pedestrian Crossing Underutilization Through a Qualitative and Quantitative Lens. In *Conference of Transportation Research Group of India* (pp. 151-174). Springer, Singapore.
5. Animesh Jain & **Bivina G.R.** (2024, December). Understanding the utilization patterns of pedestrian crossing facilities: Evidence from Bhopal City, *Proceedings of Urban Mobility Research Symposium 2023* (pp. 463-473). Singapore: Springer Nature Singapore.
6. Vijay, N. C., Rokade, S., & **Bivina, G. R.** (2023, December). A Review on Pedestrian Level of Service for Sidewalks. In Dharamveer Singh, Avijit Maji, Omkar Karmarkar, Monik Gupta, Nagendra Rao Velaga, Solomon Debbarma (eds) *Proceedings of the International Conference on Transportation Planning and Implementation Methodologies for Developing Countries* (pp. 463-473). Singapore: Springer Nature Singapore.
7. Anand, S., Das, P., & **Bivina, G. R.** (2023, December). Trip Generation Based on Land Use Characteristics: A Review of the Techniques Used in Recent Years. In Dharamveer Singh, Avijit Maji, Omkar Karmarkar, Monik Gupta,

Nagendra Rao Velaga , Solomon Debbarma (eds) Proceedings of the International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (pp. 367-377). Singapore: Springer Nature Singapore.

8. **Bivina G.R.,** Parida M. (2022) Objective and Subjective Approaches towards Analysis of Level of Service of Sidewalks. In: Maurya A.K., Maitra B., Rastogi R., Das A. (eds) Proceedings of the Fifth International Conference of Transportation Research Group of India. Lecture Notes in Civil Engineering, vol 219. Springer, Singapore. https://doi.org/10.1007/978-981-16-8259-9_22

12. Books

1. Advances in Transportation Systems and Pavement Engineering: Challenges and Solutions-Vol 3: Challenges and Innovations in Traffic and Pavement Engineering, GR Bivina, P Das, K Krishnamurthy, S Mathew Springer Nature. [Advances in Transportation Systems and Pavement Engineering: Challenges and ... - Google Books](#)

13. Patents

1. Dr. Bivina G.R., Dr. Sri Khetwat Saritha, Parijat Jain, AI-Based Pedestrian Behaviour Monitoring and Safety Enforcement System and Method for Intersections (Published)

14. U.G./PG/PhD Guided

Course	No. of students			
	Completed		On-Going	
	Guide	Co-Guide	Guide	Co-Guide
PhD	00	00	03	03
MTech	12	03	05	00
BTech	16	00	00	00

PhD

1. Saumya Anand, 2021. “Trip Generation Modelling” (Ongoing, Role: Co-Supervisor)
2. Raghav, 2022 “Performance evaluation of Public Transport based on users’ perspective” (Ongoing, Role: Co-Supervisor)
3. Parijat Jain, 2024 “A Study on Factors affecting Pedestrian Distraction at Signalised and Un-Signalized intersections (From 2024) (Role: Supervisor)
4. Param Dev Tripathi, 2024 “A Study on Traffic Congestion (Tentative) (From 2024) (Role: Co-Supervisor)
5. Kumari Priyanka, 2025 (Ongoing, Role: Supervisor)

6. Ayushi Seeliya, 2026 (Ongoing, Role: Supervisor)

PG Thesis Guided

1. Saharsh Chaube (2022) “Analyzing Pedestrian Crossing Difficulty near Roundabouts” (completed)
2. Tushar Bansal (2022), “Analysing the Pedestrian Perceptions of Underutilisation of Pedestrian Crossing Facilities- A Case Study of Bhopal” (completed)
3. Vaibhav (2022), “Modelling of Roundabout & Signalized Roundabout Using Simulation Software” (completed)
4. Animesh Jain (2023), “Underutilization of pedestrian crossing facilities: a qualitative and quantitative approach” (completed)
5. Khem Raj (2023), “Modelling the impact of motorized TW distraction on riding behavior” (completed)
6. Pratibha Kalam (2023), “Modelling the effects of pedestrian distraction crossing behavior” (completed)
7. Simran (2024) A study of loyalty and satisfaction of electric scooter users in Bhopal city.
8. Nadiya Ishrath (2024) Study of Traffic safety culture of Pedestrians: A case of Hyderabad city.
9. Mohit Thakrey (2024) A Study of Traffic safety culture of Two-wheeler riders in Bhopal city.
10. Chinmay (2024) Assessing factors affecting vehicle to pedestrian crashes: A case of Madhya Pradesh State.
11. Arnish Aman (2025), An empirical investigation of speed limit violations on Urban roads
12. Abhinav Kumar (2025) Assessing the impact of gender on trip generation characteristics.
13. Chonish Raj (2026) Understanding Pedestrian Distraction Behavior Using Self-Reported Survey Data: A Quantitative Assessment in an Indian Context
14. Pratiksha (2026) Understanding the tourist travel behaviour in the usage of public transport
15. Snehil Jha(2026) A Study on Male Pedestrian Crossing Behavior and Perception Using Virtual Reality Simulation: Effect of Geometric Elements in Mixed Traffic Conditions
16. Isha (2026) A Virtual Reality Experimental Study on Crossing Behaviour of Female Pedestrians
17. Gaurav Bagul (2026) Influence of RAP Aggregates on Stiffness and Low-Temperature Behaviour of Flexible Pavements in Cold Regions

PG Minor Project Guided

1. Isha Sonparate (2025), Development of A trip generation model using Regression Analysis
2. Ashwin Baghel (2025), A Study of Impact on Speed Limit on Non-Urban Road Section
3. Chonish Raj Rahangdale (2025), A Study of Impact on Speed Limit on Urban Road Section

4. Alok Gaurav (2025), Analysis of Tourist Travel Behaviour and their mode choice patterns in Public transportation system.
5. Anshul Panthi (2025) , Understanding child pedestrian distraction behaviour.
6. Yaprara Prashanth (2025), Assessment of skid resistance on different pavements using British pendulum tester.
7. Alok Gaurav (2026), Analysis of tourist travel behaviour based on sociodemographic factors in public transport usage. Analysis of tourist travel behavior and their Mode Choice Patterns in public transport usage.
8. Anshul Panthi (2026), Understanding Child Pedestrian Distraction Behaviour: A Quantitative Survey Study
9. Yaprara Prashanth (2026), Assessment and predictive modelling of skid resistance using British pendulum tester: A field study on pavement surfaces at MANIT, Bhopal

UG Major Projects

1. Akshay Shrivastava, Anant Devinani, Rohit Vaskel (2024) A study on Pedestrian Distraction at Signalized and Unsignalized Intersections.
2. Aryan Kumar, Vinay Pratap Singh, Prashant Sandesh Kamble (2024) A study on E-micromobility Barriers: A case of Bhopal City.
3. Divyanshu Yadav, Tushar Singh, Abhijeet Singh Parihar (2024) To study Child pedestrian Road safety.
4. Pratham Khare, Anchuri Pranathi, Bhavesh Tejwani, (2023) To identify causes of pedestrian distraction
5. Tanish Bhumarkar, Mahendra Singh, Ravi Tiwari, Shitala Prasad Maurya (2022) A study on Prosocial and aggressive behavior of Indian drivers.

UG Minor Projects

1. Ajay Kumar Yadav, Abhishek Kushwaha, Abhishek Shukla & Aditya Prajapati (2024), Development of a Parking Lot for Department of Civil Engineering.
2. Aditya Rathore, Ainam Soni, Ganesh Kurmi and Tanishka Verma (2025) – Road Accident Analysis: A Data driven Approach.
3. Atul (2025), Development of VR scenario for pedestrian crossing.
4. Vibha Lodhi, Mahendra, Shikhar Gohe (2025), Real-Time Pavement Performance Evaluation Based on Reliability Assessment.
5. Arpita, Muskan, Pallavi (2026), Measurement and Analysis of Traffic Noise Using Sound Level Meter: A Case Study of Bhopal.
6. Rohit Kumar & Sajal (2026), Assessment of Skid Resistance (BPN) using British Pendulum Tester (BPT).

18. Research Projects

S. No.	Title	Cost in Lakh	Start Date	End Date	Role as PI/Co-PI	Agency	Status

1	Analyzing the Underutilization of Various Pedestrian Facilities: A Case Study of Bhopal	3.50	Nov., 2021	Nov., 2023	PI	SEED Grant-MANIT Bhopal	Completed
2	Development of Trip Generation Manual for Indian Cities	130.00 (8.14 lakhs for MANIT Bhopal)	Dec., 2021	Dec., 2023	Nodal Co-PIs	Council of Scientific & Industrial Research (CSIR) in association with Central Road Research Institute (CRRI)	Completed
3	Sustainability assessment of Inland Water Transport: A case study of Kerala.	5.5	Dec., 2022	Dec., 2025	Co-PI	Kerala State Council for Science, Technology & Environment (KSCSTE)	On-Going
4	Theory-based development, implementation and evaluation of an innovative educational platform to enhance traffic safety for school-going children in Asian context	International Research Group Formed but No Financial Assistant for one year (USD 20000)	Sept., 2022	Sept., 2027	Co-PI (India)	East Asian Society of Transportation Studies Society, International Research Group EASTS IRG-47-2022	On-Going
5	Design and Development of Virtual Reality Application for Traffic Safety Education in Indian School Going Children	47.80	Sept., 2023	Sept. 2025	Co-PI	SERB-INAE, GoI	On-Going
6	Impact of Built Environment and Walkability on Pedestrians' Physical and Mental Well-Being in Two Metropolitan Cities of Madhya Pradesh	11.00	Jan., 2024	Jan. 2026	Co-PI	ICSSR	On-going

7	Smart-phone based automated recognition of distracted pedestrians using computer vision techniques"	7.81	July 2024	July 2026	PI	IDAPT-IIT BHU	Accepted
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19. Consultancy Details

Hod Work Alloted Date	Agency		Consultancy Work	Project Leader & Co-Investigators	Consultancy Charges
	Name	Govt./ N.Govt.			
22.01.21	N R R D A, 5th Floor, 15-NBCC Tower, bhikaji Cama Place, New Delhi.	G	Scrutiny project proposals for the State of M. P. under Pradhan Mantri Gram Sadak Yojna (PMGSY)- Payment to the state technical agencies (STAs)	P. K. Agarwal/ S. Rokade / P. K. Das/Bivina G. R.	94,875
22.01.21	N R R D A, 5th Floor, 15-NBCC Tower, bhikaji Cama Place, New Delhi.	G	Scrutiny project proposals for the State of M. P. under Pradhan Mantri Gram Sadak Yojna (PMGSY)- Payment to the state technical agencies (STAs)	P. K. Agarwal/ S. Rokade / P. K. Das/Bivina G. R.	1,829,773
23.02.22	N R R D A, 5th floor-NBCC Tower, Bheikaji Cama Place, New Delhi.	G	Scrutiny of project proposals for the State of M.P. under Pradhan Mantri Gram Sadak Yojna (PMGSY).	P. K. Agarwal/R. Kumar/Bivina G. R.	1,868,860
21.07.22	C P W D, division-II 52-A Arera Hills, Bhopal	G	Geotechnical Investigation for the proposed Establishment of New Kendriya Vidyalaya at Marsingarh Distt. Rajgarh (M.P.) under "Challenge Method".	D. Kishan/Bivina G. R.	792,000

25.08.22	P C Snehal Construction Pvt. Ltd., G. F. Pravesh Appt. 10 Mahadevnagar Society, Lane-5 Nr. Sardar Patel Stadium Road, Naranpura, Amda -vad Gujrat	NG	Vetting of Design & Drawing of Civil Engineering work.	P. K. Agarwal/Bivina G. R.	50,000
05.09.22	D4D Infra, Design For Development, SG-17 Vijay Stambh, M.P. Nagar, Zone -1 Bhopal	NG	Vetting of Design & Drawing of Warehouse (Mirkar Infra Bhopal)	P. K. Agarwal/R Nateriya/Bivina G. R.	45,000
05.09.22	D4D Infra, Design For Development, SG-17 Vijay Stambh, M.P. Nagar, Zone -1 Bhopal	NG	Vetting of Design & Drawing of Warehouse (Siddharth Singh, Bhopal)	P. K. Agarwal/R Nateriya/Bivina G. R.	45,000
12.09.22	Arun Constrution Co., HIG-1195, Deendayal Dham Colony Padra, Rewa (M.P.)	NG	Vetting of Plan Profile & Various Structures of Link Road NH 927 to ICP Rupaidiha Bahraich U.P.	P. K. Agarwal/ P. K. Das/ Bivina G. R.	30,000
23.01.23	N R I D A, 5th Floor 15NBCC Tower, Bhikaji Came Place New Delhi.	G	Scrutiny of project proposals for the state of Madhay Pradesh under pradhan Mantri Gram Sadak Yojana (PMGSY) Pyament to the principal Techincal agencies (PTAs).	P. K. Agarwal/R. Kumar/Bivina G.R.	57,4125
20.02.23	M P H & I D B, Sub Division-06 Bhopal	NG	Design of Cement Concrete Road at Sunkhedi for M.P. Housing Board, Bhopal	S. Rokade/P. K. Das/Bivina G. R.	100,000

27.08.24	(NRIDA) National Rural Infrastructure, Development Agency 5th floor, 15 NBCC Tower Bhikaji Cama Plaza New Delhi	G	Scrutiny of project proposals for the state of Madhya Pradesh under Pradhan Mantri Janajati Advivasi Nyaya Maha Abhiyan (PM -Jaanman)- Payment to the principal Technical Agencies (PTAs).	P. K. Agarwal / R. Kumar/ Bivina G.R.	97,775
24.10.24	Danodtiya Contraction Co. In Front of Mathura Market Near Shahani Resort, Joura Road, Morena (M.P.)	NG	Vetting of Design Drawings for Road Work, PHED Work, and other Projects in District Tikamgarh.	P. K. Agarwal/Bivina G. R.	1,18,000
05.02.25	A. K. Shivhara Infrastructure Pvt. Ltd., 16, Eden Garden Chuna Bhatti Kolar Road Bhopal	NG	Vetting of Design Drawings for road work of NH347C for construction of Kasrawad by pass selani bypass, Khargone by pass & bistan byass (NH- 347C.	P. K. Agarwal/ Bivina G. R.	88,500
08.04.25	National Rural Infrastructure Development Agency, 5th Floor, 15- NBCC Tower, Bhikaji Cama Place, New Delhi.	G	Scrutiny of project proposals for the state of M.P. under Pradhan Mantri Janajati Adivasi Nyaya Maha Abhiyan (PM-Janman).	P. K. Agarwal/ R. Kumar/ Bivina G. R.	4,65,420

20. Institute/ Departmental Activities

Institute Duties

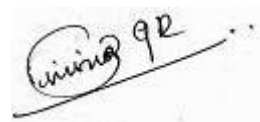
1. Serving as Assistant Warden of Girls Hostel No. 7 from 13th February, 2024 to till now.
2. Serving as Faculty In-charge of Examination, Civil, Centre of Examination, MANIT Bhopal from 7th March, 2022 to 15th October, 2025..
3. Serving as a Member of Flying Squad from 2nd February, 2024 to till now.
4. Serving as Assistant Proctor from 1st January, 2024 to till now.
5. Serving as a Member of Students Grievance Committee of Department of Civil Engineering from 12th September, 2024 to till now with respect to order Dean (SW)/24/7434 dated 12-09-2024.

6. Performed invigilation duty for institute level written test for ‘Superintendent’ post on 21st May 2025 with respect to order No. AB/Estt./NFR/2025/908 dated 13.05.2025.
7. Served as Nodal CFI in NEET Exam held at MANIT Bhopal on 4th May 2025.
8. Served as member in conduction of annual technical fest of Institute ‘Techno Search - 25’ scheduled on 11th and 13th April, 2025 with respect to order no. Dean (SW)/25/8414 dated 28-03-2025.
9. Served as member in conduction of annual cultural fest of Institute ‘Maffick-25’ scheduled on 18th and 20th April, 2024 with respect to order no. Dean (SW)/24/7556 dated 07-10-2024.
10. Served as a Member in ‘Drug Free India Campaign’ in Hostel No. 7 from 9th September, 2024 to till now with respect to order H.No.7/2430 dated 20-09-2024.
11. Served as a Member in committee for document verification of the eligible candidates in respect of ongoing Faculty Recruitment 2024 on order No.AB/Estt/2024/1046 dated 09-06-2024.
12. Coordinated Bhopal Visit for first year students of ME, ECM, EE, CHE on 20th August 2024 - Responsibility delegated by the Dean SW
13. Served as Member in Medal & Certificate Distribution Committee for the 21st Convocation scheduled on 7th December, 2024.
14. Nominated by CoW to attend Capacity Building programme promoting Positive Mental health, resilience, and wellbeing in HEIs scheduled on 29th April 2025.
15. Nominated by Dean (SW) to attend Interactive Online Live Expert Talk and Counselling Session scheduled on 3rd October 2025.
16. Nominated by CoW to attend Capacity Building programme promoting Positive Mental health, resilience, and wellbeing in HEIs scheduled on 17th September 2024.

Department Duties

1. Serving as Department Exam Coordinator from 12th June 2026 till now.
2. Served as UG and PG class monitoring committee of Civil Engineering Department from 30th June 2024 till 12th June 2026.
3. Served as Department Undergraduate Program Coordinator (DUPC) of Civil Engineering from 22nd February, 2024 to 30th June 2024.
4. Served as Department Placement Coordinator of Civil Engineering from 9th September, 2023 to 30th June 2024.
5. Served as Member of PhD verification and scrutiny committee for part-time admissions in 27th May 2025.

6. Served as Member of PhD verification and scrutiny committee for full time/part-time admissions in 25th May 2025.
7. Served as overall coordinators for key tasks related to Academic audit at Department of Civil Engineering on 22nd January, 2025.
8. Served as UG overall coordinators for NBA Compliance report 2025 at Department of Civil Engineering.
9. Served as Member in Academic audit at Department of Civil Engineering on 22nd January, 2025.
10. Nominated by HOD to attend one day Faculty Development Program, FDP on “The Happiness Lab: Experiencing the science of Flourishing” Happiness lab scheduled on 2nd July 2025.
11. Nominated by HOD to attend one day ISRO Symposium-“Academia connect for central region: collaboration solutions for cutting-edge space challenges” scheduled on 22nd May 2025 with reference to circular no. Dean (R&C)/642 dated 15th May 2025.
12. Nominated by HOD for attending Program for women’s day celebration held on 7th March 2025.
13. Nominated by HOD to attend expert lecture on “Glorious History of India” by Shri K.E.N. Raghavan ON 18th December 2024.
14. Nominated by Dean (SW) for conducting Class Representative Election for 4th year C2 division with respect to order Dean (SW)/7296 dated 16th August 2024.
15. Coordinated for feedback of UG & PG students in Department of Civil Engineering in July session 2024.
16. Coordinated for other data collection works at Department assigned by HOD such attendance report of UG students, Course file data of faculties, updating Faculty website, addressing the grievances of students, etc.



Bivina G.R.