



Department of Research & Development

Research Paper Publications

(July 2025 – June 2026)

A.] Journal Publication

1. **Edison, J. C.** (January 2026). Mediating Effect of Innovation on the Relationship between Project Financing and Construction Cost Efficiency: Innovation Integrated Cost Efficiency Perspective. *Journal of Construction Engineering and Management*. DOI: <https://doi.org/10.1061/JCEMD4.COENG-17380>.
2. **Handore, K.,** Kokane, P. (December 2025). Exploring the Methodologies for Developing City Digital Twin for Sustainable Smart Cities: A Thematic Analysis. *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*. DOI: <https://doi.org/10.5194/isprs-annals-X-5-W2-2025-235-2025>.
3. Chaudhari, S., **Handore, K.,** Kokane, P. (December 2025). Geospatial Deconstruction and Predictive Modeling of Urban Morphogenesis in India's Tier-2 Cities: A Multi-Decadal Remote Sensing-Based Entropy Analysis. *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*. DOI: <https://doi.org/10.5194/isprs-annals-X-5-W2-2025-83-2025>.
4. **Handore, K.** (December 2025). Assessing Impacts of Urban Expansion on Carbon Stock and Sequestration for Kokan Division, Maharashtra, India. *Environmental Research, Engineering and Management*. DOI: <https://doi.org/10.5755/j01.ere.m.81.4.41315>
5. **Rastogi, A., Singla, H. K.** (December 2025). Exhausted Employees do not leave, Disengaged Employees do: A Case of Indian Construction Industry. *Construction Economics and Building*. DOI: <https://doi.org/10.5130/AJCEB.v25i3/4.9812>.
6. **Halder, A.** (November 2025). Resolving Stakeholder Management Issues: Impact of Cross-Functional Integration and the Mediating Role of Stakeholders' Citizenship Behavior in Indian Construction Megaprojects. *Engineering, Construction and Architectural Management*. DOI: <https://doi.org/10.1108/ECAM-06-2025-1010>.
7. **Senthilkumar, S. Ghosh, P.** (October 2025). Evolution and Advancements in Thermal Comfort Research: A Narrative Literature Review. *Architecture and Engineering*. DOI: [10.23968/2500-0055-2025-10-3-40-52](https://doi.org/10.23968/2500-0055-2025-10-3-40-52).

8. **Halder, A.** (October 2025). Modeling Critical Driving Factors of Stakeholder Integration and their Influences on Construction Megaproject Performance: A Regression-Based Analysis. *Journal of Engineering, Design and Technology*. DOI: <https://doi.org/10.1108/JEDT-06-2025-0286>.
9. Sathe, S., Shekokar, S., Wadki, V., **Biswas, A.**, Patil, D. (September 2025). Enhancing concrete performance with steel slag aggregate: an experimental investigation. *Proceedings of the Institution of Civil Engineers - Structures and Buildings*. DOI: <https://doi.org/10.1680/jstbu.25.00046>.
10. **Bhavsar, V., Bendigiri, P., Samanta, P. K.** (September 2025). Assessing the Link Between Renewable Energy and Economic Growth: Evidence From Indian States and Union Territories. *Energy Research Letters*. DOI: <https://doi.org/10.46557/001c.144068>.
11. Sridharan, S. R., **Singla, H. K.** (September 2025). Mytek Innovations: Valuing A Start-up. *Asian Journal of Management Cases*. DOI: <https://doi.org/10.1177/09728201251375159>.
12. Sinha, S., **Sudarsan, J. S.** (August 2025). Unveiling Success Determinants for Circular Economy Adoption in Construction and the Built Environment: An Empirical Study Using AHP and PLS-SEM. *Smart and Sustainable Built Environment*. DOI: <https://doi.org/10.1108/SASBE-04-2025-0177>.
13. Priyadarshini, N., **Prasad, V.** (August 2025). Coastal Erosion and Accretion Trends in Gujarat and Odisha: A 4-Decade Shoreline Study. *Ocean Science Journal*. DOI: <https://doi.org/10.1007/s12601-025-00227-9>.
14. **Goel, D., Kore, S. D.** (July 2025). Comparative Study on the Performance of GGBS, UGGBS, and RHA-Incorporated Cement Mortar Mixes. *Journal of Sustainable Construction Materials and Technologies*. DOI: <https://doi.org/10.29187/2458-973X.1191>.
15. **Goel, D., Kore, S. D.** (July 2025). Mapping the Bibliometric Progression of 3d Concrete Printing: A Concise Review. *Journal of Building Pathology and Rehabilitation*. DOI: <https://doi.org/10.1007/s41024-025-00665-x>.
16. **Singla, H. K., Rastogi, A.** (July 2025). Intellectual Capital Efficiency and Firm Performance: A Study in the Indian Hospitality Industry. *Journal of Hospitality and Tourism Horizons*. DOI: <https://doi.org/10.1108/JHTH-03-2025-0048>.
17. **Singh, J. N. P.**, Anand, A., Aggrawal, D., Chanchal (July 2025). Modelling Fluctuating Market Size Based Adoption of Technological Products: An Alternative Formulation. *International Journal of Intelligent Enterprise*. DOI: <https://doi.org/10.1504/IJIE.2025.147687>.
18. **Nallathiga, R.**, Sridhar, K. S. (July 2025). Property Taxation Systems and Revenue Performance of Urban Local Governments: A Comparative Analysis of Select Indian Cities. *Journal of Social and Economic Development*. DOI: <https://doi.org/10.1007/s40847-025-00455-8>.

19. **Maaze, M. R.**, Garg, N., Das, S. K., Shrivastava, S. (July 2025). Techno-economic and Environmental Life Cycle Impacts of Recycled Concrete as Fine Aggregate in Rendering Mortar: A Multi-Criteria Approach. *Discover Materials*. DOI: [10.3103/S1063455X25030063](https://doi.org/10.3103/S1063455X25030063).
20. **Bhavsar, V., Samanta, P. K.**, Balla, B. S. (2025). Enhancing Port Efficiency and Competitiveness through Digitalisation: An Assessment of India's Major Ports Using the Digital Readiness Index. *World Review of Intermodal Transportation Research*. DOI: [10.1504/WRITR.2025.10072766](https://doi.org/10.1504/WRITR.2025.10072766).
21. **N. Ramakrishna** (2025). Do Green Buildings Command Value Premium? A Case Study of Pune. *Journal of Resources, Energy and Development*. Vol. 22, Issue 1.

B.] Conference Proceedings/Edited Book Chapters

1. Ghosh, K., Mahale, A. Gandhi, A., Ranjane, P., **Nallathiga, R.** (January 2026). Purchaser's Preferences of Luxury Residential Real Estate in Pune City. *Technology and Beyond Business Solutions for One World, One Future*. DOI: [10.1201/9781003755005-34](https://doi.org/10.1201/9781003755005-34).
2. **Gujar, S.**, Kulkarni, V., Maurya, A., Bahale, S. (November 2025). The Impact of Culture, Climate, Topography, and Geology on Settlements in Hilly Areas: A Case of Kandad, India. *Geoinformatics for Hilly Regions*. DOI: https://doi.org/10.1007/978-981-95-0156-4_5.
3. Patil, V. M., Awati, M. M., Ahankari, S. S., Lande, A. C., **Chandak, P. G.** (August 2025). Experimental Evaluation of Adhesive Characteristics of Bonded Rolled Steel Section With Basalt Fibre Reinforced Polymer. *Proceedings of the 3rd International Conference on Advances in Concrete, Structural, and Geotechnical Engineering*. DOI: https://doi.org/10.1007/978-981-96-0751-8_15.
4. Nishar, D., Sheth, H., Teotia, V., Choudhary, M., **Rajhans, R. K.** (July 2025). Acquisition's Synergy Evaluation - Indian Cement Industry. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507004>.
5. Sarang, A., Binoy, A., Purohit, B., Patil, S., **Biswas, A.** (July 2025). Agile Methodology in Construction Management. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507006>.
6. Patil, P. M., Rohakale, A. D., Sonawane, N. U., Pawar, S. G., **Yadav, S.** (July 2025). AI-Powered Construction Dispute Resolution: Overcoming Challenges and Enhancing Efficiency in the Indian Context. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507007>.
7. **Bendigiri, P.**, Magar, S. (July 2025). Analysing the Implications of Integration of Electric Bus Service in Urban Transit Systems. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507008>.

8. Sowmya, D., Sharma, S., Patel, A. I., Thomas, A., **Shrivasa, A.** (July 2025). Analysis of Interaction among the Critical Success Factor Affecting a Successful Claims Management. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507009>.
9. Pimple, A., Rajmane, S., Chavan, V., Jadhav, R., **Sangapurkar, A.** (July 2025). Analysis of Safety Practices in High-Rise Building Construction for Developing Effective Safety Management System. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507010>.
10. Mishra, A., Parihar, S., Shishir A. R., Waknis, N., **Shashank B. S.** (July 2025). Analysis of University Campus Performance in Compliance with IGBC (Green Campus) Rating System. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507012>.
11. **Handore, K.**, Chaudhari, S. (July 2025). Analyzing and Comparing the Urban Sprawl in Tier-2 Cities of India: A GIS-Based Study. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507013>.
12. Kulkarni, S. S., Jayanth B. S., Shreyans V. D., Chidanandgowda N. M., **Reddy, H.** (July 2025). Analyzing and Investigating Pedestrian Safety in Urban Environments. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507014>.
13. Karmarkar, U., Paranjape, M., Pawar, A., Rajeev, K., **Malsane, S.** (July 2025). Application of Lean Tools in Precast Manufacturing. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507016>.
14. Bhuibhar, P. A., Yuton, L., Ananthakrishnan H., Thakshesh A. R., **Sundrani, D.** (July 2025). Arbitration in Dispute Management. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507017>.
15. Ambhure, O. S., Sathawane, M. R., Shinde, S. P., **Dhaarna** (July 2025). Assessing the Cost Effectiveness and Feasibility of Piezoelectric Tiles in India. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507018>.
16. **Ramalingam, S.**, Gobre, R., Mehta, N., Pandit, S., Singh, S. (July 2025). Assessing the Delay Analysis in Multi-storey Residential Project using Time Motion Study. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507019>.
17. Thute, N., Pandey, S., Khairnar, H., **Kumar, R.** (July 2025). Augmented Reality and Virtual Reality Applications for Enhanced Visualization and Decision-Making. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507024>.
18. Yadav, J. S., Sankpal, A. R., Jha, R., Bagul, P. P., **Chandak, P. G.** (July 2025). Automated Pavement Distress Detection using YOLOv8 with

- Augmentation Techniques. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507026>.
19. **Nallathiga, R.**, Raut, N. K. (July 2025). Balancing Spatial Expansion and Socio-Economic Inclusion in Peri-Urban Area: A Case Study of Nashik. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507027>.
 20. Sanman, Mulla, I. A., Yemul, C., Wantmuri, F., **Bhavsar, V.** (July 2025). Circular Economy Strategy for Construction Material Reuse through Deconstruction Methods in India. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507033>.
 21. **Dixit, A.**, Akare, K., Lande, S., Sonar, S., Raut, P. (July 2025). Clean Energy Transition using Hydrogen in Steel Industry. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507034>.
 22. Amaldev R. K., Alex, A., Isankar, P., Sonkusale, P., **Kapote, M.** (July 2025). Comprehensive Review on Infrastructure Project Delays. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507039>.
 23. Gutti Ishwarya, Chelluri Sadhu Siva Sankar Vamsi, Satti Manoj Lakshmi Narayana, Lanka Jaya Mourya Sai, **Sanjay Bhojar** (July 2025). Cost and Benefit Analysis of Green Buildings Versus Conventional Buildings. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507042>.
 24. Sharma, M., Gaurav, B., Saraf, S., Kohli, G., S., **Malsane, S.** (July 2025). Cost Overrun Analysis in Indian Real Estate Projects: Challenges and BIM-Based Optimization. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507044>.
 25. Sathiaseelan, A., Kavalam, J. P., Jeeyash, M., Lavanya G. R., **Jagtap, M.** (July 2025). Critical Chain Project Management (CCPM) in EPC Projects. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507047>.
 26. Sharma, A. K., Ranjan, R., Abbas, S., Agarwal, D., **Mathur, A.** (July 2025). Design a Framework for Conversion of Existing Buildings into Green Buildings. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507049>.
 27. Yelwande, T. D., Patil, S., Patil, S., Sawant, O., **Patil, N. A.** (July 2025). Developing a Framework to Address Challenges in Urban Road Development: A Case Study of Pune City. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507051>.
 28. **Kashyap, A.**, Visaria, S. (July 2025). Development of a Framework for Sustainable Development in the Domain of SWM using the Participatory

- Approach: Case of Pune. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507052>.
29. **Handore, K.**, Ingole, A. (July 2025). Development-Centric Urban Regeneration for Socio-Economic and Environmental Revitalization. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507054>.
 30. Deepak K. G., Ajith K. K., Gunwant, I. N., Sriram S., **Sreelakshmi, S.** (July 2025). Diagrid Structure in High-Rise Building: A BIM Implementation, Risk Assessment and Safety Measures. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507055>.
 31. Shete, H. S., Katkar, O. R., Patil, R. Laxman, Halade, S. S., **Purandare A.** (July 2025). Digital Marketing Strategies in Real Estate for Pune City. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507056>.
 32. **Ghosh, P.**, Daund, R. (July 2025). Evaluating Sustainability of Urban Transport in Cities. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507064>.
 33. Phalguna, P. V. K., **Bendigiri, P.** (July 2025). Examining the Land Value Increment Trend along Metro Transit Corridors in Pune. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507065>.
 34. **Nallathiga, R.**, Tambe, S. (July 2025). Exploring Liveability and City Systems as measures of Urban Competitiveness in India. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507067>.
 35. Leuva, A., Shanavadmeti, S., Suprith S. S., Goutham M. N., **Khanapure, V.** (July 2025). Exploring the Efficiency of Lean Construction Tools in Boosting Safety on Construction Sites. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507068>.
 36. Shastri, S., Gupta, A., Rai, A., Shekhawat, A. S., **Kore, S.** (July 2025). Feasibility Study on the Use of Industrial Waste for Sustainable Construction. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507070>.
 37. Bhunje, P., Deshmukh, K. Sathe, S., Thavare, A., **Patil, Y.** (July 2025). Green Construction: Legal Issues and Challenges. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507072>.
 38. Kayapak, A. A., Borawake, T. P., Raut, S. K., Talokar, S. S., **Rajput, B.** (July 2025). Identification of Success Factors and Analysis of Barriers in the Implementation of Safety Management System (SMS) in the Construction Industry. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507073>.

39. Patil, A. B., Potdar, S. P., Shaikh, A. S., Netke, A. S., **Desai, D.** (July 2025). Impact of Digital Marketing in Real Estate. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507075>.
40. **Totla, P.**, Kumbhar, V. V. (July 2025). Implementation of Sustainable Practices in Urban Affordable Housing Scheme and its Scalability. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507078>.
41. Ostwal, S., Kumar, A., Tripathi, P., Ahmad, A., **Gavali, H.** (July 2025). Integrating BIM and Lean Principle for SMEs in Indian Construction. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507083>.
42. Sindekar, A., Sahoo, S. K., Sakhare, R. R., Kapgate, I., **Singh, A. R.** (July 2025). Integrating Building Information Modelling for Advanced Facility Management: Framework for Security Surveillance and Space Optimization. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507085>.
43. Bisne, A., Ramchandani, R., Tidke, A., Nagarikar, A., **Malsane, S.** (July 2025). Integrating Lean Practices and the Last Planner System for Delay Analysis and Waste Reduction in Construction Projects. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507087>.
44. **Bendigiri, P.**, Gandhi, A. (July 2025). Integrating Transit-Oriented Development and Land Pooling Mechanism: A Review of Urban Planning Strategies for Indian Cities. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507088>.
45. Dangle, M. R., **Bagul, P.** (July 2025). Interpretation of Current Urban Redevelopment and Neighbourhood Liveability. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507089>.
46. Akshay, H. S., Lakshmi, D., Battula, V., Reddy, V., **Jadhav, T.** (July 2025). Investigations on the Role of BIM in Facility Management. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507091>.
47. **Patil, Y. D.**, Pavithran A. S., Ternikar, Z. M., Habinash S., Thomas, S. M. (July 2025). Legal Compliance in Construction of Tunnel: Issues and Challenges. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507092>.
48. Chavan, A. R., Thongire, O. S., Syeda, S. F. Q. S., Dubey, G. P., **Tikate, H.** (July 2025). Leveraging BIM for Sustainable Construction Practices and Integrated Project Delivery. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507093>.

49. Nile, H., Shah, M., Contractor, H., Dudhalkar, V., **Handore, K.** (July 2025). Mapping EV Infrastructure: Insights from Correlation and Regression Analysis. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507097>.
50. Melvin, P. R., Abisha S., Vrinda S., Jaya Surya V., **Purandare, A.** (July 2025). Marketing Strategy for Premium Housing Segment in Pune. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507098>.
51. Datta, N., Pandey, S., Pandey, S., Sultana, S. S., Aich, A., **Prakash, A.** (July 2025). Musculoskeletal Disorders of Construction Workers. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507100>.
52. Patidar, R., Soni, K., Landge, S., Chakole, A., **Balon, V.** (July 2025). Optimization of Last-Mile Delivery in Construction Projects: Improving Efficiency Through Routing Algorithms and Technology Integration. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507101>.
53. Patil, S., Wagh, A., Khadpe, A., Sannake, P., **Pawar, A.** (July 2025). Optimizing Ergonomics in Construction: A REBA Assessment Approach. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507102>.
54. Godbharle, D. D., Wagh, R. N., Choramale, S. S., Hingmire, S. S., **Balon, V.** (July 2025). Optimizing Resource Management in Construction Projects using Lean Principles. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507103>.
55. **Ghosh, P.**, Vaishnavi B. (July 2025). Port-Led Urban Transformation. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507105>.
56. Ray, A., Dixit, V., Nagrare, P., Jain, R. K., **Bagul, A.** (July 2025). Quality Improvement using Six Sigma Methodology for Pre-Cast Structures. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507107>.
57. Solanki, D. M., **Sangapurkar, A.**, Chigurukota, V. K., Dubey, P. K., Malaviya, D. (July 2025). Quantitative Risk Assessment and Safety Optimization in Construction Workflows. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507108>.
58. Mohapatra, S., Umar, A., Mundhe, R., Dhobe, N., **Rajhans, R. K.** (July 2025). Real Estate Asset Classes: Role in Multi-Asset Portfolio Designing. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507109>.
59. **Rathee, C.**, Sonawane, P. (July 2025). Reframing Urban Mobility: A PRISMA-Guided Systematic Review of Active Mobility in Million-Plus Cities. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507112>.

60. Jadhav, R. A., Sangale, S. S., Gulalkari, R. R., Patil, R. K., **Vaishampayan, S.** (July 2025). Retrofitting of Conventional Building to Green Building. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507113>.
61. Agnihotri, S., Kulkarni, S., Singh, T., Gaud, S., **Vaishampayan, S.** (July 2025). Review of Key Determinants Influencing Retail Property Valuation. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507114>.
62. Kashani, M. A. A., Syed, M. M. B. K., Akula, S. N., Mallula, D. S., **Samanta, P. K.** (July 2025). Revolutionizing Urban Transit: A Comprehensive Look at Metro Rail Projects in India. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507117>.
63. Soni, M., Agrawal, P., Bhandari, J. A., Lunkad, A. R., **Biswas, A.** (July 2025). Risk Management in Precast Concrete Structure Installation and Transportation. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507119>.
64. Spurthi R., Vinod, R. S. B., Eshwar, C., Kumar, R., **Reddy, H.** (July 2025). Road Safety Rating using iRAP. *National Level Post Graduate Research Symposium (NLPGRS 2025)*. DOI: <https://doi.org/10.17492/JPI/NICMAR/2507120>.
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C.] Case Studies

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D.] Book Publication

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Department of Research & Development

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(July 2024 – June 2025)

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G.] Case Studies

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H.] Book Publication

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Department of Research & Development

Research Paper Publications

(July 2023 – June 2024)

I.] Journal Publication

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L.] Others (Book Review, Magazine)

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Department of Research & Development

Research Paper Publications

(July 2022 – June 2023)

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