



Department of Research & Development

Research Paper Publications

(July 2024 – June 2025)

A.] Journal Publication

1. **Batra, S., Halder, A.** (August 2024). Toward a Flourishing Workplace: Exploring the Impact of Digitalization on Young Construction Professionals Physical-Mental Well-being. *Engineering, Construction and Architectural Management*. DOI: <https://doi.org/10.1108/ECAM-02-2024-0190>.
2. Lavy, S., **Deshpande, R., Jadhav, T.** (August 2024). The Impact of Sustainable Design and Construction Upon FM: Four Case Studies. *Journal of Facilities Management*. DOI: <https://doi.org/10.1108/JFM-01-2024-0019>.
3. **Patil, Y.** (July 2024). Grading System in Real Estate Law: A Comparative Study. *Industrial Engineering Journal*. Vol 53, Issue 7 No. 4. ISSN: 0970-2555.
4. **Goel, A.** (July 2024). Subsurface Anomaly Assessment in Asphalt Layers Using Rayleigh Waves Dispersion Characteristics: A Test-Pit Study. *Nondestructive Testing and Evaluation*. DOI: [10.1080/10589759.2024.2380776](https://doi.org/10.1080/10589759.2024.2380776).
5. **Prakash, A., Ambekar, S.** (July 2024). Barriers to the Implementation of Enterprise Risk Management in Indian Construction Firms. *Construction Innovation (Emerald Publishing Ltd.)*. DOI: <https://doi.org/10.1108/CI-02-2024-0029>
6. **Mathur, A., Bagul, A., Rajhans, K.** (2024). Indigenous Practices for Achieving Sustainable Construction. *Current World Environment*. Vol. 19, No. 2. ISSN: 0973-4929.

B.] Conference Proceedings/Edited Book Chapters

1. Pandey, B. K., Nassa, V. K., Mukundan, A. P., **Mahajan, D.**, Pandey, D., George A. S., Dadheech, P. (2024). An Industry-Focused Traffic System Utilising Internet of Things. *Emerging Engineering Technologies and Industrial Applications*. DOI: [10.4018/979-8-3693-1335-0.ch009](https://doi.org/10.4018/979-8-3693-1335-0.ch009)
2. Pandey, D., Nassa, V. K., Pandey, B. K., Thankachan, B., Dadheech, P., **Mahajan, D.**, George, S. (2024). Artificial Intelligence and Machine Learning and Its Application in the Field of Computational Visual Analysis. *Emerging Engineering Technologies and Industrial Applications*. DOI: [10.4018/979-8-3693-1335-0.ch003](https://doi.org/10.4018/979-8-3693-1335-0.ch003).

3. Pandey, B. K., Paramashivan M., A., Nassa, V. K., **Mahajan, D.** Dadheech, P., George, A. S. H., George, S. (2024). Blockchain's-Potential-Effect-on the-Healthcare Industry. *Emerging Engineering Technologies and Industrial Applications*. DOI: [10.4018/979-8-3693-1335-0.ch010](https://doi.org/10.4018/979-8-3693-1335-0.ch010).
4. Pandey, D., Pandey, B. K., Nassa, V. K, **Mahajan, D.**, George, S., Dadheech, P. (2024). Optimized Throughput-Based Broadcasting for Next Generation Wireless Networks. *Emerging Engineering Technologies and Industrial Applications*. DOI: [10.4018/979-8-3693-1335-0.ch018](https://doi.org/10.4018/979-8-3693-1335-0.ch018).
5. Pandey, D., Pandey, B. K., Paramashivan M. A., **Mahajan, D.**, Dadheech, P. George, A. S., Hameed A. S. (2024). Advanced Digital Data Processing Using Cloud Cryptography: Industrial Applications. *Emerging Engineering Technologies and Industrial Applications*. DOI: [10.4018/979-8-3693-1335-0.ch012](https://doi.org/10.4018/979-8-3693-1335-0.ch012).
6. Pandey, D., Nassa, V. K., Pandey, B. K., **Mahajan, D.**, Patidar, P. K., Dadheech, P., George, A. S. (2024). An Analysis of Internet of things-based Fire Detection and Alert Systems. *Emerging Engineering Technologies and Industrial Applications*. DOI: [10.4018/979-8-3693-1335-0.ch014](https://doi.org/10.4018/979-8-3693-1335-0.ch014).
7. **Rao, K. T. V.** (2024). Deep Learning based Financial Management with Decision Support Systems for Adaptive Organization. *7th International Conference on Inventive Computation Technologies (ICICT 2024)*. DOI: [10.1109/ICICT60155.2024.10544853](https://doi.org/10.1109/ICICT60155.2024.10544853).
8. **Rao, K. T. V.** (2024). Deep Learning Models for Customer Lifetime. *5th International Conference on Recent Trends in Computer Science and Technology (ICRTCST)*. DOI: [10.1109/ICRTCST61793.2024.10578372](https://doi.org/10.1109/ICRTCST61793.2024.10578372).
9. Malla, V., Tummalapudi, M., **Ramalingam, S.** (2024). Exploring the Female Identity in Digital Construction Leadership Roles in the Built Environment Sector. *Women in Construction: Towards a more equal, diverse and inclusive built environment*. eBook ISBN: 9781003474630.
10. Aman Ashish, Himank Chawla, Ujan Sengupta, **Ramalingam S.** (2024). Exploring Defects in Construction—An Experimental Study. *Sustainable Lean Construction Proceedings; Lecture Notes in Civil Engineering*, Vol. 383, 389-399.



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A.] Journal Publication

1. **Pawar, A.**, (June 2024). Comparative Analysis of Optimization Algorithms for Reservoir Operations: A Case Study on Ukai Dam. *Larhyss Journal*. Issue 58, pp 179-196.
2. **Prasad, V.** (June 2024). Personalized Recommendation System: Web of Things Using Modular Density-Based Community Discovery. *Journal of Computer Science*. DOI: <https://doi.org/10.3844/jcssp.2024.918.930>.
3. **Sudarsan, J. S.** (June 2024). Tricks and Tracks of Prevalence, occurrences, Treatment Technologies, and Challenges of Mixtures of Emerging Contaminants in the Environment: With Special Emphasis on Microplastic. *Journal of Contaminant Hydrology*. DOI: <https://doi.org/10.1016/j.jconhyd.2024.104389>.
4. Singh, A., Thanu, H. P., **Deepak, M. D.** (May 2024). Energy-saving strategies to convert existing campus to smart campus: A Conservative Method Analysis. *International Journal of Construction Management*. DOI: <https://doi.org/10.1080/15623599.2024.2355398>
5. **Rajhans, R. K.** (May 2024). Promoters' Equity Pledging, Policy Uncertainty, and Firm-Level Cash Holding: Evidence From An Emerging Market. *Journal of Financial Management of Property and Construction*. DOI: <https://doi.org/10.1108/JFMPC-06-2023-0037>.
6. **Halder, A.** (April 2024). Social Network Analysis of Stakeholder Governance Landscapes in Infrastructure Mega Projects: A Case of the Delhi-Mumbai Industrial Corridor Project. *Innovative Infrastructure Solutions (Springer)*. DOI: doi.org/10.1007/s41062-024-01521-6
7. **Balon, V., Bagul, A.,** Kumar, R. (April 2024). Green Construction Supply Chain Barriers Assessment: Evidence from Indian Construction Industry. *Global Business Review (Sage Journals)*. DOI: <https://doi.org/10.1177/09721509241231107>
8. Anand, A. Balaji, C. R., Sadafale, M., **Koner, J.,** Mudurwar, M. (April 2024). A GIS-Based Mapping for Effective Utilization of Biomass Ash in the Construction Sector. *Journal of Advanced Research in Geo Sciences & Remote Sensing*. DOI: <https://doi.org/10.24321/2455.3190.202306>

9. **Nallathinga, R.** (April 2024). Achieving Energy Efficiency through Public Private Partnerships: A Study of Streetlight Retrofitting Projects in Two Indian Cities. *Shelter*. Vol. 25, No. 1 pp 43-53
10. **Koner, J., Purandare, A.** (April 2024). A Study of Influence of Goods & Services Tax (GST) on the Demand for Indian Real Estate Market. *Educational Administration: Theory and Practice*. DOI: <https://doi.org/10.53555/kuey.v30i4.2317>
11. Rama, M., **Sudarsan, J. S.**, Sunmathi, N., Nithiyantham (February 2024). Behavioral Assessment of Intrinsically Formed Smart Concrete using Steel Fibre and Carbon Black Composite. *Heliyon*. DOI: <https://doi.org/10.1016/j.heliyon.2024.e26948>.
12. **Tenepalli, J. S., Kore, S., Shashank, B. S.** (February 2024). Application of Value Engineering During the Execution Stage of a Construction Project. *Industrial Engineering Journal*. Volume 53, Issue 2, No. 3. ISSN: 0970-2555
13. **Jagtap, M., Mahajan, D. A.** (January 2024). A Novel Cost of Quality Simulation to Better Select Bidder in Public Private Partnership Projects. *Project Leadership and Society*. DOI: <https://doi.org/10.1016/j.plas.2024.100116>
14. Bapat, G., Mahindru, R., Kumar, A., Roy, A. D., **Bhoyar, S.**, Vaz, S. (January 2024). Leveraging ChatGPT for Empowering MSMEs: A Paradigm Shift in Problem Solving. *Engineering Proceedings*. DOI: <https://doi.org/10.3390/engproc2023059197>.
15. **Prakash, A., Ambekar, S.** (January 2024). Case-based Activities for Risk Management Education. *Higher Education, Skills and Work-Based Learning*. DOI: [10.1108/HESWBL07-2023-0177](https://doi.org/10.1108/HESWBL07-2023-0177).
16. **Ghosh, P., Sudarsan, J. S.**, Nithiyantham, S. (January 2024). Nature-Based Disaster Risk Reduction of Floods in Urban Areas. *Water Resources Management*. DOI: <https://doi.org/10.1007/s11269-024-03757-4>
17. **Goel, A.**, (January 2024). Construction Management Student's perception of BIM adoption and its Implication in a Non-Mandated Country. *International Journal of Construction Management*. DOI: <https://doi.org/10.1080/15623599.2024.2317038>.
18. **Halder A., Batra S.**, (January 2024) Navigating the Ethical Discourse in Construction: A State-of-the-Art Review of Relevant Literature. *Journal of Construction Engineering and Management*. DOI: [10.1061/JCEMD4.COENG-13880](https://doi.org/10.1061/JCEMD4.COENG-13880).
19. Balamurugan, J., Kasthuri, N., **Sudarsan, J. S.**, Bassi, R., Someshwar, S., Sakhare, D. T, and Sampathkumar V. (January 2024). An Efficient Wastewater Collection Model for Groundwater Resource Protection in Smart Cities. *Groundwater for Sustainable Development*. DOI: <https://doi.org/10.1016/j.gsd.2024.101091>.
20. Das S. K., Patyal V. S., **Ambekar S.**, (January 2024). Modeling of Risk Factors Leading to Work-related Musculoskeletal Disorders in Medical Practitioners. *Safety Science*. DOI: <https://doi.org/10.1016/j.ssci.2024.106427>.
21. **Rajhans, R. K., Halder, A.** (2024). Do Business Sustainability Practices Influence Firm Performance? A Bibliometric Review. *International Journal of Economics and Accounting*. DOI: [10.1504/IJEA.2024.10062515](https://doi.org/10.1504/IJEA.2024.10062515)

22. Vikhe, G., **Koner, J.** (2024). Bridging the Skill Chasm: An Analytical Analysis of Industry-Academia Collaboration in Management Education and Corporates within India. *European Economic Letters*. DOI: <https://doi.org/10.52783/eel.v14i2.1402>
23. Devi, S., Yadav, B., Goel, D., Kaur, S., **Bhoyar, S.** (2024). Embracing Green HRM: Propelling Organizational Sustainability Forward. *Environment and Social Psychology*. DOI: <https://doi.org/10.54517/esp.v9i4.2202>
24. Vikhe, G., Kharde, S., **Koner, J.** (2024). Revolutionizing Talent Acquisition: The Transformative Influence of Artificial Intelligence on Company Recruitment Processes. Rabindra Bharati University Journal of Economics. ISSN: 0975-802X
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26. **Balon, V., Koner, J.** (2024). A Time Series Analysis of the Factors Driving the Demand for Real Estate in the Metropolitan Region of Maharashtra. *Journal of Informatics Education and Research*. DOI: <https://doi.org/10.52783/jier.v4i1.1005>.
27. Rajaan, R., Baishya, B. K., **Rao, K. T. V.**, Pattanaik, B., Tripathi, M. A., R. Anitha (December 2023). Efficient Usage of Energy Infrastructure in Smart City Using Machine Learning. *EAI Endorsed Transactions on Internet of Things*. DOI: [10.4108/eetiot.5363](https://doi.org/10.4108/eetiot.5363)
28. **Rajhans R. K., Singla H.** (December 2023). Policy Uncertainty and Cash Holdings of Construction Firms in India: A Dynamic Panel Regression Approach. *International Journal of Economics and Accounting*. DOI: [10.1504/IJEA.2023.135579](https://doi.org/10.1504/IJEA.2023.135579).
29. **Batra, S.**, (December 2023). Exploring the Application of Pls-Sem In Construction Management Research: A Bibliometric and Meta-Analysis Approach. *Engineering, Construction, and Architectural Management*. DOI: [10.1108/ECAM-04-2023-0316](https://doi.org/10.1108/ECAM-04-2023-0316).
30. **Rajhans, R. K.** (December 2023). How do Economic Policy Uncertainty and Leverage Impact Firm-Level Cash Holding Distribution of Housing Companies in Emerging Economy. *Journal of Financial Management of Property and Construction*. pp.1-15. DOI: <https://doi.org/10.1108/JFMPC-06-2023-0036>
31. Navaneethakrishnan, S. R., Hasan, D. S., Manikanta Kumar, S., **Mahajan, D.** and Bansal, R. (December 2023). The Role of Artificial Intelligence and Machine Learning in Fraud Detection and Prevention. *European Chemical Bulletin*. Vol. 12, Special Issue. 8, pp. 3454-3465. DOI: [10.48047/ecb/2023.12.si8.2592023.03/07/2023](https://doi.org/10.48047/ecb/2023.12.si8.2592023.03/07/2023)
32. **Bhavsar, V., Sridharan, S., Sudarsan, J. S.** (December 2023). Barriers to Circular Economy Practices during Construction and Demolition Waste Management in an Emerging Economy. *Resources, Conservation & Recycling Advances*. DOI: <https://doi.org/10.1016/j.rcradv.2023.200198>.
33. Liu, H., **Rao, K.T.V.**, Sri Yogi, K., Dhoni N. (November 2023). Evaluating a Sustainable Intelligent Logistic System (ILS) Utilizing O-S Data and Holistic Managerial Models. *Journal of Advanced Transportation*. DOI: <https://doi.org/10.1155/2023/8873464>.

34. **Singla, H.**, Chammanam, S. S. (November 2023). Development of A Financial Performance Measurement Model for Real Estate Business: An Exploratory Study in India. *Journal of Financial Management of Property and Construction*. DOI: [10.1108/JFMPC-11-2022-0062](https://doi.org/10.1108/JFMPC-11-2022-0062).
35. Dihingia, M., **Rai, R. S., Koner, J.** (November 2023). Viral Marketing Sustainability for Online Customers: A Theoretical Analysis and Future Direction. *Pacific Business Review (International)*. ISSN: 0974-438X
36. **Joshi, M.** (October-December 2023). Factors Determining Choice of Investor's in Annuity Selection. *The Journal of Insurance Institute of India*. Vol. XI, No. II, pp 92-102.
37. Mehta, K. **Bhavsar, V.** (October-December 2023). Assessing the Sustainability of Self-Help Groups in India: An Interstate Analysis. *Orrisa Journal of Commerce*. DOI: <https://doi.org/10.54063/ojc.2023.v44i04.09>.
38. **Vaishampayan, S.**, Bhaduri, S., (October-December 2023). Market-led Housing Redevelopment Practices in Indian Metropolitan Cities: Insights from Pune. *Nagarlok*. DOI: <https://doi.org/10.32381/NL.2023.55.04.1>
39. **Nallathiga, R.** (October–December 2023). Land Records and Their Modernization in India: Current Status and Way Forward. *Journal of ITPI*. Volume 20, No. 3. ISSN: L 0357-9673
40. **Edison, J. C., Gokhale, C.** (December 2023). Environmental Impact Assessment: Case Study of an Expressway Project. *Ecology, Environment and Conservation Journal*. DOI: : <http://doi.org/10.53550/EEC.2024.v30i01.066>
41. **Abhyankar, A., Prakash, A. and Singla, H.** (October 2023). Impact of Solid Waste Landfill Proximity on Residential Property offer Values: A Case Study of Pune. *International Journal of Housing Markets and Analysis* (Emerald Publication). pp. 1-20. DOI: <https://doi.org/10.1108/IJHMA-08-2023-0109>
42. Bhandiwad, M. S., Dodamani, B. M. and **Deepak M. D.** (October 2023). Effect of the Drag Coefficient on The Performance of Vertical Porous Baffles in A Sloshing Tank. *Journal of Engineering Design and Technology*. pp. 1-20. DOI: <https://doi.org/10.1108/JEDT-01-2023-0021>
43. **Patil, Y.** (October 2023). Nuisance VS. Right to Public Health: A Legal Perspective. *Industrial Engineering Journal*. Vol. 52, Issue.10, No. 1, pp. 77-80. ISSN: 0970- 2555
44. **Rai, S.** and Mukherjee, S. (October 2023). Career Threat Adaptability of Gig Workers: An Integrative Conceptual Framework. *Current Psychology*. pp. 1-16. DOI: <https://doi.org/10.1007/s12144-023-05258-w>
45. **Sudarsan, J. S., Vaishampayan, S.,** Gedam, V. V., Katare V. D., Pathak P. D. (October 2023). Sustainable Resource Management through Carbon Emissions Inventorization: A Case of the Indian Construction Industry. *Environmental Quality Management* (Wiley). DOI: [10.1002/tqem.22138](https://doi.org/10.1002/tqem.22138).
46. **Ramakrishna, N.**, (October 2023). Circular Economy in the Urban Context: Municipal Solid Waste Management through Public Private Partnerships in India. *Shelter*. Vol. 24, No. 2 pp 25-34.
47. Singh, M., Tiwari, S. K., Swapna, G., Verma, K., **Prasad, V.,** Patidar, V., Sharma, D., and Mewada H. (September 2023). A Drug-Target Interaction

- Prediction Based on Supervised Probabilistic Classification. *Journal of Computer Science*. DOI: <https://doi.org/10.3844/jcssp.2023.1203.1211>.
48. Dwivedi, S. P., Selvaparakash, S., Sharma, S., Kumari, S., Saxena, K. K., **Goyal, R.**, Iqbal, A., Djavanroodi, F. (September 2023). Evaluation of Various Properties for Spent Alumina Catalyst and Si₃N₄ Reinforced with PET-Based Polymer Composite. *Mechanics of Advanced Materials and Structures*. DOI: [10.1080/15376494.2023.2249888](https://doi.org/10.1080/15376494.2023.2249888).
 49. **Sridharan, S., Malsane, S.**, Bhutada, G. S. (September 2023). Adoption of drone Technology in Construction - A Study on Interaction between Various Challenges. *World Journal of Engineering*. DOI: [10.1108/WJE-09-2023-0337](https://doi.org/10.1108/WJE-09-2023-0337).
 50. **Singla, H., Samanta, P.K., Sridharan, S.** (September 2023). What Second-Generation Internal Family Business Successors Think: A Case of Construction Family Businesses in India. *Orissa Journal of Commerce*. DOI: <https://doi.org/10.54063/ojc.2023.v44i03.04>
 51. **Bendigiri, P.** and Rao, P. (August 2023). Energy System Models: A Review of Concepts and Recent Advances using Bibliometrics. *International Journal of Sustainable Energy*. Vol. 42, No. 1, pp. 975-1007. DOI: <https://doi.org/10.1080/14786451.2023.2246082>
 52. **Deshpande, R., Jadhav, T.** (August 2023). Reviewing Infrastructure Finance in India. *International Journal of Technology Engineering Arts Mathematics Science*. ISSN: 2583-1224. pp. 203-208.
 53. **Desai, V., Joshi, M.** (July-September 2023). A Suggested Framework to Digitalise the Insurance Products. *The Journal of Insurance Institute of India*. Vol. 11, No. 1. pp 110-115. ISSN: 2278-6759.
 54. **Nallathiga, R.** (July – December 2023). Assessing the Status and Delivery of Urban Civic Services: A Study of Two Indian Cities. *Journal of Governance and Public Policy*. Volume 13 no. 1, pp. 49-71. ISSN: 2231-0924
 55. **Gokhale, C., Pilaka, N. and Agarwal, A.** (July 2023). Waste Land Development and Management - An Overview with Emphasis on Status of Goa State. *Ecology Environment & Conservation*. Vol. 29, No. 2, pp. 953-959. ISSN: ISSN 0971-765X
 56. **Bhatia, M., Bhullar, P. S., Roy, D., Gupta P. K.** (July 2023). Impact of Board Gender Diversity on Priority Sector Leading and Insolvency Risk: Evidence from the Indian Banking Industry. *International Journal of Electronic Finance*. DOI: [10.1504/IJEF.2023.133832](https://doi.org/10.1504/IJEF.2023.133832).
 57. Ingle, P., Mahesh, G. and **Deepak M. D.**, (July 2023). Developing a Project Performance Assessment Model for Benchmarking the Project Success of Indian Construction Projects. *Benchmarking: An International Journal*. pp. 1-27. DOI: <https://doi.org/10.1108/BIJ-09-2022-0553>
 58. **Shashank, B. S.**, Praveen Kumar, K. (July 2023). Characterization of Ureolytic Based Bio Concrete. *Materials Today: Proceedings*. DOI: <https://doi.org/10.1016/j.matpr.2023.07.098>.
 59. **Rai, S.**, Mukherjee S. (2023). "Founder's Curse": The Case of Ashneer Grover. *Journal of Organizational Behavior Education*. pp. 107-120 DOI: <https://www.neilsonjournals.com/JOBE/abstractjobe16bharatpe.html>.

60. **Malsane, S., Sridharan, S., Roy, D., Shrivasa, A.** (2023). Assessing BIM's Suitability with Respect to Various Project Delivery Methods in Construction Projects. *SCMS Journal of Indian Management*. Vol. XX, No. 4, pp 78-91. ISSN: 0973 – 3167.

B.] Conference Proceedings/Edited Book Chapters

1. Kumar, A., **Rajhans, R. K.** (2024). Neuroleadership: Need for Fostering Empathy and Ensuring Cognitive Justice. *Advances in Logistics, Operations, and Management Science*. DOI: [10.4018/979-8-3693-4350-0.ch014](https://doi.org/10.4018/979-8-3693-4350-0.ch014)
2. Bhatt, D., Swapna, H. R., Madaan, G., Gayathri, D. K., **Mahajan, D. A., Mahajan, R., Paramshivan, M.** (March 2024). From Theory to Practice: The Evolution of Artificial Intelligence in Business. *Utilization of AI Technology in Supply Chain Management*. DOI: [10.4018/979-8-3693-3593-2.ch001](https://doi.org/10.4018/979-8-3693-3593-2.ch001)
3. Swapna, H. R., Madaan, G., Kulkarni, A., Mahajan, R. D., **Mahajan, D. A., Pandey, D.**(March 2024). An Exploratory Research for HRD Transformation Leadership Through Crisis Supply Chain Management During the Pandemic. *Utilization of AI Technology in Supply Chain Management*. DOI: [10.4018/979-8-3693-3593-2.ch017](https://doi.org/10.4018/979-8-3693-3593-2.ch017)
4. Singh, S., Swapna, H. R., Madaan, G., Kalavathy, K. S., **Mahajan D. A., George, S.** (March 2024). Embracing Artificial Intelligence in Supply Chain Management. *Utilization of AI Technology in Supply Chain Management*. DOI: [10.4018/979-8-3693-3593-2.ch004](https://doi.org/10.4018/979-8-3693-3593-2.ch004)
5. Yadav, H., Aggarwal, P., **Goel A.** (February 2024). Pothole Detection Using Image Processing Techniques. *Proceedings of National Conference on Intelligent Electronic Systems and Applications (NCIESA 2024), NIT Kurukshetra, Feb. 23-24, 2024.*
6. **Nallathiga, R.** (January 2024). Achieving Circular Economy Through Public-Private Partnerships: The Case of Integrated Waste Management (IWM) Project of Hyderabad. *72 National Town & Country Planners Conference on Climate Change and Resilient Spatial Planning Approach held at Lucknow.*
7. **Ramakrishna, N.** and Sreedhar, K. S. (September 2023). Urban Civic Services Delivery and Climate Change Challenges: A Study of Two Indian Cities. *The Palgrave. Handbook of Socio-ecological Resilience in the Face of Climate Change (Springer Link)*. pp. 411-428. (Book Chapter). DOI: https://doi.org/10.1007/978-981-99-2206-2_24
8. Balasubramani, M., Palav, M., **Rao, K.T.V., Maranan R., Salve A., Ambethkar R.M.** (January 2024). Construction Project Management Using Natural Language Processing Technology. *Institute of Electrical and Electronics Engineers. 6th International Conference on Contemporary Computing and Informatics (IC3I) held on September 14-16, 2023.* DOI: [10.1109/IC3I59117.2023.10397999](https://doi.org/10.1109/IC3I59117.2023.10397999).
9. **Kore, S., Balaji, N., Sudarsan, J. S., Bhojar, S.** (2024). Feasibility Study of Materials on Developing Green Materials to Achieve Sustainability in Building Construction. *2nd International Conference on Smart Sustainable Materials and*

- Technologies (ICSSMT 2023)*. DOI: https://doi.org/10.1007/978-3-031-50024-4_8
10. **Nallathiga, R.**, Saraf, M., Gupta, R., Kumar, A. The Impact of Bus Rapid Transit System (BRTS) on Land/Property Prices in Pune City. *Industrialisation, Migration, and Urbanisation: Some Discourses*. Chapter Publication in Book.
 11. **Sudarsan, J. S., Ghosh, P.**, Rajan, R. J. (2024). Water Challenges in Rural-Urban Fringe Villages: A Case of Potheri Village Near Chennai, Tamil Nadu. *Water Resources Management for Rural Development*. DOI: <https://doi.org/10.1016/B978-0-443-18778-0.00023-4>
 12. **Batra, S.** (September 2023) Use of PLS-SEM Approach in the Construction Management Research. *State of the Art in Partial Least Squares Structural Equation Modeling (PLS-SEM)*, Springer Link. DOI: https://doi.org/10.1007/978-3-031-34589-0_7
 13. Kalavathy, K. S., Swapna, H. R., Nallasivam, A., Pandey, D., **Mahajan, D. A.**, Dadheech, P. (August 2023). An Empirical Investigation on the Influence of Social Networks on Purchase Decision Making: An Indian Perspective. *Social Media and Online Consumer Decision Making in the Fashion Industry*. DOI: [10.4018/978-1-6684-8753-2.ch002](https://doi.org/10.4018/978-1-6684-8753-2.ch002)
 14. Pandey, B. K., Pandey, D., Dadheech, P., **Mahajan, D. A.**, George, S., Hameed S. (July 2023). Review on Smart Sewage Cleaning UAV Assistance for Sustainable Development. *Handbook of Research on Safe Disposal Methods of Municipal Solid Wastes for a Sustainable Environment*. DOI: [10.4018/978-1-6684-8117-2.ch005](https://doi.org/10.4018/978-1-6684-8117-2.ch005)

C.] Case Studies

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D.] Others (Book Review, Magazine)

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Department of Research & Development

Research Paper Publications

(July 2022 – June 2023)

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