

## Research Publications

(September 2024 – May 2025)

### Journal Publications

**Ammani, P., & Sreram, P.K.** (2025). Katerra: Building Dreams and Collapsing Realities. *Amity Management Review*, 12(1&2), 47-51.

**B Ravinder** (2025). Reimagining Construction with Digital Twin Technology. *Journal of Informatics Education and Research*, 5(2). <https://doi.org/10.52783/jier.v5i2.2767>

**B Ravinder**, (2025). AI Assistance in Human Resource Application Processing: Revolutionizing Recruitment and hiring – Applicants perspective. *Journal of Informatics Education and Research*, 5(2). <https://doi.org/10.52783/jier.v5i2.2503>

Srinivasa CH, D Vijayakumar, Swapnil Balkrishna Gorade, S. Thenmozhi, Mohd Nasim, **Srihari Vedartham** (2024), Experimental Investigations on Effect of Basalt Composite Fibers and Oil Shale Ash on Special Concrete, *African Journal of Biological Sciences*, 6 ( Sp-4), 3892-3898.

Gouda, S. K., Patro, Y. S. S., & **Mishra, S.** (2024). Impact of E-Recruitment on the effectiveness of HR departments in India's private sector. *Library Progress International*, Vols. 44–44, Issue 3, pp. 14922–14929).

**Hedau, A.** (2024). An Empirical Study of Indian Stock Market and Its Influencing Variables. *Empirical Economics Letters*, 23 (9), 77-89.

**Hedau, A., & Mishra, S.** (2024). Use of Digital Technology in Construction Health and Safety in India. *Journal of Harbin Engineering University*, Vol 45, No. 11, 243-249.

**Hedau, A., & Mishra, S.** (2025). FDI inflow and economic growth in India. *Academy of Marketing Studies Journal*, 29(2), 1-9.

**Jindal, S., & Singh, I.** (2024). Urban planning for mitigating climate change (35th ed., pp. 34-41). *Indian Buildings Congress*.

Kiran Kumar. T , Hanok. K and **Srihari Vedartham** (2024) Water Management strategy with Micro Irrigation in Lift Irrigation schemes-A Case study, *Moenia*, 11(11), 173-182.

kumar, k ., **sekhar, T.S** and Rao.S.P (2024). Behavioral studies on sorptivity of the concrete blended with nano silica. *I managers journal of Civil Engineering* Volume 14. No. 2 June 2024 PP 1-7

**Ammani, P.** (2024). Exploring PropTech's Impact on the Indian Real Estate Market: A Buyer and Seller Perspective. *European Economic Letters (EEL)*, 14(3), 2307–2312.

**P. Muralidhar.** (2024). Safety Risk Analysis in Mega Projects: A Case Study. *Empirical Economics Letters*, 23(August Special Issue 3), 311–327.

**Prasad R, Mukkamala R, Hedau A.** Predicting Work-Related Musculoskeletal Disorders in Indian Construction Workers Using Machine Learning and Deep Learning Classifiers. *J Occup Health Epidemiol.* 2024;13(3):182-9.

**Rao, P. H.**, (2024). L&T's Exit Plan from Hyderabad Metro: Lessons for PPP Projects in India. Case Folio: The IUP Journal of Management Cases, 24 (3), 35-41.

**B, Ravinder.** (2024). Antecedents of Variations in Construction Contracts - A Statistical Correlational Study. i-manager's Journal on Structural Engineering, 12(4), 10-21. <https://doi.org/10.26634/jste.12.4.20973>

**B, Ravinder.** (2024). Regression Model for Psychological Empowerment Ramification Over Organizational Commitment among Civil Engineers. Journal of Informatics Education and Research, 4(3), 1618-1631 <https://doi.org/10.53555/jier.v4i3.1499>

**Seshadri, S. T., Rao, P. S., and Kumar, V. K.** (2025). "Sorptivity test on quaternary blended concrete", The Indian Concrete Journal, Vol. 99, No. 2, pp. 17-24.

Sharma, D., **Namboodiri, V., V., & Goyal, R.** (2024). Flow measurement in a wind tunnel with blockage screens. Flow Measurement and Instrumentation, 100, 102741. <https://doi.org/10.1016/j.flowmeasinst.2024.102741>

**Singh, I., & Chothe, O.** (2025). Review on Utilizing Artificial Neural networks for hydrological Analysis. Urban Panorama, XXIII(2), 97–104. <http://rcueslucknow.org/publication/UrbanPanorma/26.UrbanPanorma-Jan-June-2024.pdf>

**Sunku , VSRP., Mukkamala, R., & Namboodiri V.** (2025). Prediction of sinter productivity utilizing deep learning frameworks. Metallurgical and Materials Data, 1(1), 1–15. <https://doi.org/10.56801/MMD42>

**Sunku, VSRP., Namboodiri V., & Mukkamala R.** (2025). The Short-Term Wind Power Forecasting by Utilizing Machine Learning and Hybrid Deep Learning Frameworks. Journal of Regional Energy Issues, N1(65). <https://doi.org/10.52254/1857-0070.2025.1-65.01>

**Tirumala, S.** (2024). Case study on sustainable construction. I Managers Journal of Civil Engineering, Vol 15–14(No 1), 31–38.

V. Kiran Kumar, **Seshadri, T. S., and Rao, P. S.** (2024). "Experimental studies on quaternary blended concrete under acid resistance, sulphate resistance, water permeability, and chloride permeability", The Indian Concrete Journal, Vol. 98, No. 9, pp. 51-58

## Conference Publications

**Balasubramani, M.** (2024). Megaprojects: Pluralism and Governance. In the Proceedings of the 1st International Conference of Emerging and Sustainable Technologies in Civil and Environmental Engineering held at Gandhi Institute of Excellent Technocrats, Bhubaneswar, India on 5th and 6th October 2024.

**Balasubramani, M., Priya, V. C., Udayteja, R.** (2024). A multi-city study of congruency between smart city and transportation reforms and their effects. In the Proceedings of the 1st International Conference on Emerging and Sustainable Technologies in Civil and Environmental Engineering held at Gandhi Institute of Excellent Technocrats on 5th and 6th October 2024.

**Mamillapalli, R. S., Inturi, S. K., Chowdary, K. R., & Pramadha V.** (2024). EARTHSHIP- the future Sustainable House. In International Conference on Navigating Global Energy Transition for Sustainable Future (ICNETS 2024)

**Mamillapalli, R. S., Renganaidu, V., Bera, D. K., & K V, P.** (n.d.). Training module for implementation of lean construction in indian small-scale real estate companies. ILCC 2024, Guwahati, IITG, India. <https://event.iitg.ac.in/ilcc2024/>

**Mamillapalli, R. S., Sai, P., Vikas, D., & Renganaidu, V.** (2025). Non-Motorised Transport (NMT) challenges in Indian cities. ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025) Chandigarh 07-09 Feb 2025, Chandigarh, India.

**Mamillapalli, R. S., Shyam Kumar, I., Pramadha, V., & Ravindranadh Chowdary, K.** (2024). EARTHSHIP- The Future Sustainable House. International Conference on Navigating Global Energy Transition For Sustainable Future (ICNETS -2024), UPES Dehradun 18-20 September 2024, Dehradun, Uttarakand, India.

**Pramadha, V., Ravindranadh Chowdary, K., Abhishek Mudhiraj, M., Alekhya Reddy, K., & Mamillapalli, R. S.** (2025). The Influence of Lean Implementation on Work-Life Balance in Construction Projects. KIIT Bhubaneswar, 20-22 March 2025, Bhubaneswar, Odisha, India.

**Prasad, K. V., Vasugi, V., & Rahman, R. A.** (n.d.). Navigating the Digital Shift: Challenges and Opportunities for the Indian Construction Industry. Construction Industry Congress (CIC) 2024, Kuala Lumpur, Universiti Malaysia Pahang, Malaysia. <https://ftka.umpsa.edu.my/index.php/event/cic>

**Ravindranadh Chowdary, K., Pramadha, V., Mamillapalli, R. S., Praveen Kishore, C., & Sylvia Daniel, J.** (2025). "Subcontracting System in Highrise Building Construction in India" KIIT Bhubaneswar, 20-22 March 2025, Bhubaneswar, Odisha, India.

**Sreram, P. K.,** (2024, November 7–9). Sustainable Construction Practices: Evidence from Indian Construction Companies. SASBE 2024, Auckland, New Zealand."

**Sreram, P. K.,** Babu, T, A, Gudipudi, V, S, K, and Thomas, A (2024, December 5–7). Applications of Computer Simulation for Construction Management. ICMSC 2024, Kollam, India.

**Sreram, P. K.,** Manthirasudamani, S., & Sheethal Kumar, N. A. (20-22 March 2025). A case study on high-speed rail project procurement in India In: 4th edition of International Conference on Recent Developments in Sustainable Infrastructure, KIIT Bhubaneswar.

**Sreram, P. K.,** S, M., & N A, S. K. (n.d.). A case study on high-speed rail project procurement in India. ICRDSI 2024-25

Vikas, D., Venkat Praveen, G., **Mamillapalli, R. S., & Mahesh, B.** (2024). Investigating the optimum amount of groundnut shell ash (extracted from uncontrolled burning) used in replacement of cement for sustainable construction. ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025) Chandigarh 07-09 Feb 2025, Chandigarh, India.

## Book Chapters

Kiran Kumar, V., Srinivasa Rao, P., & **Seshadri Sekhar, T.** (2024). Permeability Studies on quaternary blended concrete. In JNTUH college of Engineering & NICMAR, Hyderabad campus, Proceedings of First International Conference on Innovative Sustainable Construction Materials - 2024.

**Prasad, K. V., & Malla, V.** (2024). Proceedings of SECON'24 Structural Engineering and Construction management. In Lecture Notes in Civil Engineering (Vol. 607). Springer Nature. [https://doi.org/10.1007/978-3-031-70431-4\\_58](https://doi.org/10.1007/978-3-031-70431-4_58)

**Sekhar, T.S.,** Rao, S., Kumar, V.K. (2025). Acid Resistance of Quaternary Blended Concrete Made Using Flyash, Metakaolin and Nano Silica. *Advances in Construction Management. ICCRIP 2023. Lecture Notes in Civil Engineering*, vol 238. Springer, Singapore. [https://doi.org/10.1007/978-981-97-7206-3\\_9](https://doi.org/10.1007/978-981-97-7206-3_9)

**Sathish Kumar, R., & Chandramohan, A.** (2023, October). Analysis of Wastage of Construction Materials in a Construction Project. In *International Conference on Environmental Geotechnology, Recycled Waste Materials and Sustainable Engineering* (pp. 283-290). Singapore: Springer Nature Singapore.

Shwetha, Y. R., Kumar, M. P., **Kamma, R. C., & Pramadha, V.** (2023, August). A Study on Cost Management Practices in Indian Construction Projects. In *International Conference on Construction, Real Estate, Infrastructure & Project Management* (pp. 86-106). Singapore: Springer Nature Singapore.