

# NICMAR Research Publications Details

(April, 2021 – March, 2022)

## Research Paper Publications (Faculty Members)

### A] Paper Published in Journal

#### I. International Journal (Outside India)

1. **Abhyankar, A.**, Sahoo, T., Seth, B., Mohapatra, P., Palai, S., Bhargava, P., Chaurasiya, S. and Isasare, S. (April 2021). Mapping and Change Detection of Mangroves around Mumbai using Remote Sensing and Geographic Information Systems (GIS). *Journal of Civil Engineering, Science and Technology (JCEST)*. Vol. 12, No. 1, pp. 26-31.
2. **Abhyankar, A.** and **Singla, H.** (2022). Comparing Predictive Performance of General Regression Neural Network (GRNN) and Hedonic Regression Model for Factors Affecting Housing Prices in Pune-India. *International Journal of Housing Markets and Analysis*. Vol. 15, No. 2, pp. 451-477.
3. **Agrawal, V.** and Savoikar, P. (2021). Optimization of Binary and Ternary Concrete Composed of Fly Ash and Ultra-Fine Slag Using GRA. *Advances in Concrete Construction*. Vol. 12, No. 4, pp. 283-294.
4. **Ambekar, S., Roy, D., Hiray, A., Prakash, A.** and Patyal, V. (2022). Barriers to Adoption of Reverse Logistics: A Case of Construction, Real Estate, Infrastructure and Project (CRIP) Sectors. *Engineering, Construction and Architectural Management*. (Emerald Publishing Limited). pp. 1-25.
5. Anbalagan, K., Mangesh Kumar, M. **Sudarsan, J. S.** and Nithiyanantham, S., (November, 2021). Removal of Heavy Metal Ions from Industrial Wastewater Using Magnetic Nanoparticles. *Journal of Engineering Research*. pp. 01-15.
6. Anderson, A. and **Ramalingam, S.** (2021). A Socio-Technical Intervention in BIM Projects - An Experimental Study in Global Virtual Teams. *Journal of Information Technology in Construction*. Vol. 26, pp. 489-504.
7. **Bajpai, A.** and Misra, S. C. (2022). Barriers to Implementing Digitalization in the Indian Construction Industry. *International Journal of Quality & Reliability Management*. pp. 1-27.
8. **Biswas, A.** and Potnis, S. (February 2022). Plastic Bituminous Roads: A Sustainable Technology – For Better Handling Distresses. *European Journal of Engineering and Technology Research*. Vol. 7, No. 1, pp. 63-69
9. Chandel, S.K. and **Goyal, R.** (2021). Parametric Study on Effect of Tiles as Partial Replacement of Natural Aggregates in a Cement Concrete. *Design Engineering*, No. 6, pp.473-486.
10. Chaudhari, S., Yadav, R. and **Rai, S.**, (July, 2021). Work Values & Job Attitudes: A Study of Gen Y in Public Sector. *Indian Journal of Industrial Relations*. Vol. 57, No. 1, pp. 142-157.

11. Dewangan, S., Deepak Kumar, S., Jha, S. K. and **Prakash, A.** (2021). Prediction of Formability of MIG and TIG Welded Joints by Erichsen Cupping Test and Fuzzy-logic Technique. *International Journal Materials Engineering Innovation*. Vol. 12, No. 3, pp. 246-258.
12. **Dhawan, A.**, Gupta, N., **Goyal, R.** and Saxena, K.K. (2021). Evaluation of Mechanical Properties of Concrete Manufactured with Fly Ash, Bagasse and Banana Fibre. *Materials Today: Proceedings*. Vol. 44, Part. 1, pp. 17-22.
13. **Ghosh, P.** and Raval, P. M. (June 2021). Modelling Urban Mixed Land-Use Prediction Using Influence Parameters. *GeoScape, (Jan Evangelista Purkyně University in Usti nad Labem Czech Republic)* Vol. 15, No. 1, pp 66-78.
14. **Ghosh, P.** and Raval, P. (January, 2022). Reasoning the Social benefits of Mixed Land -use and Population Density in an Indian City. *Journal of Engineering Research, ACMM Special Issue*. pp. 1-17.
15. **Goel, Ashish,** Ganesh, L. S., and Kaur, A. (2021). Sustainability Assessment of Construction Practices in India Using Inductive Content Analysis of Research Literature. *International Journal of Construction Management*, Vol.21, No. 8. pp. 802-817.
16. **Hedau, A.** (Winter 2020). Value Investing: Evidence from Listed Construction and Infrastructure Sector Companies in India. *Romanian Economic and Business Review*. Vol. 15, No. 4, pp. 104-114.
17. **Hedau, A.** (August 2021). Value Investing: An Empirical Study of IT and FMCG Sector in India. *Empirical Economics Letters*. Vol. 20, No. 8, pp. 1373-1382.
18. **Hedau, A.** (July 2021). Determinants of Capital Structure of Listed Construction and Infrastructure Companies in India - A Hierarchical Modeling Approach. *Turkish Online Journal of Qualitative Inquiry (TOJQI)*. Vol. 12, No. 7. pp. 680-689.
19. Ingle P. and Gangadhar, M. and **Deepak, M. D.** (2021) Identifying the Performance Areas Affecting the Project Performance for Indian Construction Projects. *Journal of Engineering, Design and Technology*. Vol. 19, Issue. 1, pp. 1-20.
20. **Jadhav, T.**, Pandalaneni, E., Kandula, B. and Thakre, E. (July, 2021). Comparative Analysis of Initial Cost between Conventional and Energy Efficient Building Using BIM as A Tool: A Case Study Approach. *International Journal of Engineering Research & Technology*. Vol. 10, No. 7, pp. 552-559.
21. **Jagannathan, M.**, Ulrike Quapp; and Venkata Santosh Kumar (2021). Litigation Risk Transfer Mechanisms in Construction Dispute Resolution Process: Cross-Case Analysis. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*. Vol. 13, No. 3, pp. 1-9
22. **Jain. M.** (May 2021). A Mini Review on Generation, Handling, and Initiatives to Tackle Construction and Demolition Waste in India. *Environmental Technology & Innovation*, Vol. 22, No. 101490, pp. 1-11.

23. **Kadam, B. and Sudarsan, J. S.** (March 2022). Feasibility Study on Integration of Green Technologies in Prospective Construction Projects: A Case of Vishakhapatnam. *International Journal of Management, Technology and Social Science (IJMTS)*. Vol. 7, No. 1, pp. 210-223.
24. **Kore, S. and Sudarsan, J.S.** (December, 2021). Hemp Concrete: A Sustainable Green Material for Conventional Concrete. *Journal of Building Material Science*, Vol. 3, No. 2, pp. 1-7.
25. **Kore, S.** (2021). Effect of Real Fire and Cooling Systems on Concrete Properties. *Journal of Materials and Engineering Structure*. Vol. 8, No. 4, pp. 405-414.
26. Krishnaraj, L., Prasath Kumar, V. R., Prerna, D., Kumar, R. S., **Sudarsan, J. S.**, and Nithiyanantham, S. (October, 2021). Design and Thermal Analysis of the Conventional Residential Building Using Building Information Modeling. *Journal of Building Pathology and Rehabilitation*, Vol. 06, No. 1, pp. 01-10.
27. **Malla, V.** (2021). BIM: Blockchain Interface Framework for the Construction Industry. *International Journal of Sustainable Real Estate and Construction Economics*. Vol. 2, No. 1, pp. 46-60.
28. **Malla, V., Jagannathan, M.**, and Kumar Delhi, V. S. (2022). Identification of BIM Dimension-Specific Contract Clauses in EPC Turnkey Projects. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, Vol. 14, No. 1, pp. 1-13.
29. **Malla, V., Jagannathan, M.** and Santosh Kumar, V. (2022). BIM-Specific Prequalification Criteria in Construction Projects: Exploring the Nature and Timeline of Their Inclusion. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*. Vol. 14, No. 2, pp. 49-56.
30. **Mamillapalli, R. S.** and **Srihari, V.** (July-December 2021). Evaluation of Ergonomic Considerations for Construction Industry. *International Journal Technology*. Vol. 11, No. 2, pp. 49-56.
31. Mishra, A. K., **Sudarsan, J. S.** and Nithiyanantham, S. (March 2022). An Assessment of Status of Selected Electric Connected Pumping Water Supply Projects of Gandaki Province of Nepal-Asia. *International Journal of Environmental Science and Technology*. pp. 1-10.
32. Padhy, J., **Jagannathan, M.**, and Kumar Delhi, V. S. (2021). Application of Natural Language Processing to Automatically Identify Exculpatory Clauses in Construction Contracts. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, Vol. 13, No. 4, pp. 1-9.
33. **Pai, S.** (2021). Analysis of Project Delays in Indian Metrorail Projects: Case of Bangalore Metrorail. *Academy of Strategic Management Journal*, Vol. 20, No. 6, pp.1-16.
34. **Pai, S.**, Anand, N. and Mittal, A. (December, 2021). Analysis on Factors Causing Project Delays in Road and Highways Sector in India Using Relative

- Ranking Index Technique. *Journal of Construction Research*. Vol. 03, No. 2, pp. 57-62.
35. Pandey, A., Sehgal, S., Mohapatra, A.K. and **Samanta, P. K.** (2021). Equity Market Anomalies in Major European Economies. *Investment Management and Financial Innovations*, Vol. 18, No 2, pp. 245-260.
  36. Patnaik, B., **Seshadri, S, T.**, Gatbel, B., Eden, H. (2021). An Experimental Investigation on Sustainable Construction Materials and Technologies in Ethiopia. *Journal of Equity in Sciences & Sustainable Development*. Vol. 4, No. 2, pp. 77-89.
  37. **Prasad, K. V.** and Vasugi, V. (2021). Experiences from the Implementation of Last Planner System® in Construction Project. *Indian Journal of Engineering & Materials Sciences*, Vol. 28, pp. 125-141.
  38. **Prasad K. V.** and Vasugi, V. (December 2021). Lean Readiness Factors for Construction Organizations. *Indian Journal of Engineering & Materials Sciences*. Vol. 28, pp. 608-619.
  39. **Prasad K. V.** and Bhat, N. (2021). Impact of the Covid-19 Pandemic on Construction Organisations in India: A Case Study. *ICE Publishing*. pp. 1-5.
  40. Prathap, M.G., **Sudarsan, J. S.** and Nithiyantham, S., (2020). Performance on Self- Compacting Concrete Using Ground Granulated Blast-Furnace Slag (GGBFS). *Advanced Science, Engineering and Medicine*. Vol. 12, No.20, pp 1-4.
  41. Rai, H., **Jagannathan, M.** and Santosh Kumar, V. (2021). Claim Tenability Assessment in Indian Real Estate Projects Using ANN and Decision Tree Models. *Built Environment Project and Asset Management*. Vol. 11, No. 3, pp. 468-487.
  42. **Raja Prasad, S. V. S.** (2021). Optimization of Safety Audit Planning: A Case Study of Process Plant in India. *Journal of Applied Research on Industrial Engineering*, Vol. 8, No. 2, pp. 150-158.
  43. **Rajaprasad. S. V. S.** (September, 2021). Analysis of Safety Performance of Construction Projects in India Using Safety Audit Elements, AHP and Taguchi Loss Function – A Case Study. *International Journal of Occupational Hygiene (IJOH)*. Vol. 13, No. 3, pp. 252-265.
  44. **Ravinder, B.** and Saraswathi A. B. (2021). Talent Turn Out With Special Reference to Civil Engineers Perspective - Mediation Analysis. *Turkish Journal of Physiotherapy and Rehabilitation*. Vol. 32, No. 2, pp. 671-679.
  45. **Ravinder, B.** and Saraswathi, A. B. (2021). Talent Turn Out with Special Reference to Civil Engineers Perspective - Mediation Analysis with Respect to Supervision, Coordination and Communication. *Linguistica Antverpiensia*. No. 2, pp. 4206-4218.
  46. **Ravinder, B.**, Parashar, R., Reevanth R. R., Ramarangula A., Rushabh Vilas Samrit., Vannemreddy V., Verma, R. (May- June 2021). Cost Modeling of a

Cast-In-situ Piles in North Eastern part of Tamil Nadu: A Case Study at a Selected Pile Construction Site. *IOSR Journal of Mechanical and Civil Engineering*. Vol. 18, No. 3, pp. 30-38.

47. **Rao, H. P.** (December 2021). Covid -19 and Performance of Housing Finance Companies in India. *Pacific Business Review (International)*. Vol. 14, No. 6, pp. 39-50.
48. Rohini, I., Padmapriya. R., Anusuya, R., **Sudarsan, J.S.** and Nithiyanantham, s. (2021). Valuation of Characteristics Strength by Utilizing Construction and Demolition (C & D) Waste as Recycled Aggregates (RA) in Concrete. *Journal of Building Pathology and Rehabilitation*. Vol.6, No. 1. pp. 1-13.
49. Shiji, P., Kodi, Rangaswamy and **Chandramohan, A.** (July, 2021). Resource Utilization Analysis of Highway Projects Using Arena. *Malaysian Journal of Civil Engineering*, Vol. 33, No. 2, pp. 47-55.
50. **Singla, H.** (2021). Does Ownership Structure and Market Sentiment Affect the Performance of IPOs in India in Short Run? A Dynamic Panel Data Analysis. *Journal of Financial Management of Property and Construction*. Vol. 26, No. 1, pp. 1-22.
51. **Singla, H.** and **Samanta, P. K.** (2022). Identification of Critical Success Factors (CSFs) for Real Estate Developer (REDs) in India. *Journal of Financial Management of Property and Construction*. Vol. 27, No. 1, pp. 76-90.
52. Srinivasan, K., **Sudarsan, J. S.**, and Nithiyanantham, S. (December, 2021). Feasibility Assessment of Bulk Density Property of Carbon Nano Tube as a Viable Alternative to Reinforcement Steel in Construction Projects. *Case Studies in Construction Materials*, Vol. 15, pp. 01-19.
53. Srivastava, S. K., and **Rastogi, A.** (November, 2020). The Effect of Income, Family and Socio-Religious Affiliations on Self-Rated Health of the Aged in India. *Journal of Public Affairs*. Vol. 21, No. 4, pp. 01-09.
54. **Sudarsan J. S.** and **Srividhya, S.** (2021). Cost-benefit of Choosing Green Construction Materials: A Case Study Approach from India. *International Journal of Sustainable Real Estate and Construction Economics*. Vol. 2, No. 1, pp. 4-19.
55. **Sudarsan, J. S.**, and Nithiyanantham, S (May 2021). Optimization of Safety in Indian Construction Industry Learning from Expert Survey. *International Journal of Pavement Research and Technology*. pp. 1-8.
56. **Sudarsan, J. S.**, Annadurai, R., Nithiyanantham, S., Prathap, M.G. Sudharson, G. (2021). Treatment of Wastewater with Modified Constructed Wetland System as a Tertiary Treatment Unit. *International Journal of Environment and Sustainable Development*. Vol. 20, No. 2, pp. 189-200.
57. **Sudarsan. J. S.**, Roy, R. and Nithiyanantham (2021). Mass Balance Study of Domestic Wastewater Treatment Using Constructed Wetlands. *Journal of Water Chemistry and Technology*. Vol. 43, No. 6, pp. 484-488.

58. **Sudarsan, J. S., Vaishampayan, S.** and Parija, P. (January 2022). Making a Case for Sustainable Building Materials to Promote Carbon Neutrality in Indian Scenario. *Clean Technologies and Environmental Policy (Springer)*. pp. 1-10.
59. Thanu, HP, Rajasekaran, C. and **Deepak, M. D.** (2022). Developing a Building Performance Score Model for Assessing the Sustainability of Buildings. *Smart and Sustainable Built Environment (Emerald Publishing Limited)*. Vol. 11, No. 1, pp. 143-161.
60. **Vaishampayan, S.,** Dev. M. and Patel, U. (2021). Hedonic Pricing Model for Impact of Infrastructure Facilities on Land Rates: Case Study of Kudi Bhagtasni, Jodhpur India. *International Journal of Sustainable Real Estate and Construction Economics*. Vol. 2, No. 1, pp. 103-115.
61. **Yadav, V.** (August, 2021). Copyright in Construction Sector: A Comparative Overview. *Turkish Online Journal of Qualitative Inquiry (TOJQI)*. Vol. 12, No. 9, pp. 2837-2848.

## II. National Journal

1. **Bhavsar, V.** and **Samanta, P. K.** (April- June 2021). Investigating the Sustainability of Digital Payments in India. *Orissa Journal of Commerce*. Vol. 42, No. 2, pp. 95-108.
2. **Biswas, A.** (June 2021). Prioritization of Risks in Real Estate Projects Using Analytical Hierarchy Process. *GJRA - Global Journal for Research Analysis*. Vol. 10, No. 6, pp. 176-177.
3. **Chothe, O.** and **Agrawal, V.** (January - June 2021). Water Resource Management through Modelling Approaches: A Critical Review. *Urban Panorama A Journal of Urban Governance & Management*. Vol. XX, No. 1, pp. 63-74.
4. **Gandage, A.,** Saraf, V. and Bhadale, V. (July, 2021). Recommendations to Avoid Delay in Construction of Elevated Metro Project. *Indian Highways (Indian Roads Congress)*. Vol. 49, No. 7, pp. 36-41.
5. Goel, R. and **Mishra, S.** (October- December 2021). Impact of COVID-19 on Entrepreneurship in Construction Sector in India. *NICMAR-Journal of Construction Management*. Vol. 36, No. 4, pp. 41-49.
6. **D'souza, L.** and **Prabhudesai, V.** (December 2021). Experiential Modules from the Perspective of an Eco- Resort in Goa. *The IUP Journal of Business Strategy*. Vol.18, No. 4, pp. 32-43.
7. **Hedau, A.** (January- March 2021). Tax Deduction for Infrastructure Facilities in India a Case study of Ho Hup Simplex JV. *Journal of Development Research*. Vol. 14, No. 1, pp. 31-35.
8. **Jadhav T.** and **Deshpande, R.** (October- December 2021). Project Management Practices in Indian Smart Cities: Insights from a Street Re-design Project. *NICMAR-Journal of Construction Management*. Vol. 36, No. 4, pp. 32-40.

9. **Kadam, B.** (Jan. - March 2022). Exploring the Role of Neighbourhood Habitats for Sustainability. *Journal of the Institute of Town Planners, India*. Vol. 19, No. 1, pp. 31-48.
10. **Khedkar, A., Pal, A., Yadav, A. Daiya, C., Ezhilarasan S.P. and Rastogi, A.** (October- December 2021). An Empirical Examination of Antecedents of Burnout in Indian Construction Professionals. *NICMAR-Journal of Construction Management*. Vol. 36, No. 4, pp. 05-14.
11. **Mishra, A. K., Sudarsan J. S. and Nithiyantham, S.** (January 2022). Occupational Hazards Identification and Their Risk Assessment During the Construction of Transmission Line - A Case Study in Kaligandaki Project – I. *Science of Environment*. Vol. 3, pp. 208-230.
12. **Mamillapalli, R. S. and Rao, H. P.** (2021). A Unique Case Study on PPP Termination by the Concession Concessionaire - PNG Tollway. *Journal of Emerging Technologies and Business Management*, Vol. 10, No. 1, pp. 1-8.
13. **Mamillapalli, R. S. and Srihari, V.** (December, 2021). The Fatal Accident at Biodiversity Flyover in Hyderabad - A Case Study. *International Journal of Engineering and Management Research*. Vol. 11, No. 6, pp. 9-13.
14. **Patil, N.** (2021). Un-sustainability Issues in PPPs for Infrastructure Development of India: A Triple Bottom Line (TBL) Perspective. *IIMS Journal of Management Science*, Vol. 12, No. 1, pp. 58-70.
15. **Patil, N., Thounaojam, N., and Laishram, B.** (2021). Enhancing Sustainability of Indian PPP Procurement Process Using System Dynamics Model. *Journal of Public Procurement*. Vol. 21, No. 4, pp. 345-369.
16. **Phadke, K.** (December, 2021). Predicting the Effect of IPO Listing Firm Factors on Underwriter Choice Using General Linear Model and Neural Networks: A Comparative Analysis. *Journal of Research & Development*. Vol. 12, No. 25, pp. 220-227
17. **Prakash, A. and Phadtare, M.** (January – March, 2022). The Milieu in Infrastructure Projects from Contractors' Perspective. *NICMAR-Journal of Construction Management*. Vol. 37, No. 1, pp. 36-52.
18. **Ramakrishna, N.** (April 2021). Affordable Housing through PPP- The Case of Shukhobrishti. *Sheltar- HUDCO Publication*. Vol.22, No. 1, pp. 84-90.
19. **Ramakrishna, N.** (January-June 2021). Local Government Finances in the Context of Fiscal Decentralization: A Study of Pune Municipal Corporation. *Journal of Governance and Public Policy*. Vol.11, No.1, pp. 78-99.
20. **Rambabu, M. and Seshadri, S, T.** (April - June 2021). Quality Management of an Infrastructure Project with a Case Study of Two-Tier Flyover Bridge. *Research Journal of Engineering and Technology*. Vol. 12, No. 2. pp 44-50.
21. **Seshadri, S, T.** (April- June 2021). Studies on Durability Factors of Self Compacting Concrete. *Research Journal of Engineering and Technology*. Vol. 12, No. 2, pp. 1-3.

22. Shah, R., Kumar, P., Varadpande, M., Singh, S. and **Abhyankar, A.** (2021). Creation of Telangana: A Case for a Better Governed Smaller State. *Journal of Emerging Technologies and Business Management*. Vol. 10, No. 1, pp. 36-55.
23. **Singh, I.** (August 2021). Imperative of Dispute Redressal Mechanism Arising Between Employer and Contractor through Contract Management. *Indian Highways (Indian Roads Congress)*. Vol. 49, No. 8, pp. 22-27.
24. **Singh, I.** (January - June 2021). Requirement of Transit Oriented Development in Nagpur City. *Urban Panorama (A Journal of Urban Governance & Management)*. Vol. XX, No. 1, pp. 1-24.
25. **Singh, I.**, (July-December 2021). Traffic Management Measures for Smart City Project at Panaji. *Urban Panorama*. Vol. XX, No. 2, pp. 29-58.
26. **Singh, I.**, Sawant, S. and Nag, A. (September, 2021). Risk Analysis of Under Water Tunnel- A Case Study. *Indian Highways (Indian Roads Congress)*. Vol. 49, No. 9, pp. 19-29.
27. **Sudarsan, J.S.** (April, 2021). Review of Floating Wetland Technique as an Effective Ecofriendly Idea in Treatment of Domestic Wastewater. *Journal of the Institution of Public Health Engineers, India*. Vol. XXXXIX, No.1 pp. 20—26.
28. **Sundrani, D.** (2021). Green & Energy Efficient Buildings: A Case Study of Suzlon One Earth, Pune. *Indian Building Congress. Preliminary Publication*. Vol. XXIX, No. 1. pp. 47-51.
29. **Yadav, S.**, Maurya, P.K. Singh, R.K. and Rai, A. (2021). Cost Optimization: A Case Study of Infrastructure Project. *Trends in Transport Engineering and Applications*. Vol. 08, No. 2, pp. 47-58.
30. **Yadav, V.** (September, 2021). Solid Waste Management: A Critical Overview of Indian Legal Regime. *EPRA International Journal of Research and Development (IJRD)*. Vol. 6, No. 9, pp. 8-11.

### III. Online Journal

1. Krishnan, A., Ajithkumar, S., Manishankar, G., Upendra, K., Kabilan A. and **Muralidhar, P.** (September, 2021). Impact of Covid 19 Pandemic on Project Portfolio Management-A Case Study on Construction Industry in Southern India. *Journal of Civil Engineering, Science and Technology*. Vol. 12, No. 2, pp. 168-178.
2. **Ravinder, B.**, Nagar, P., Reddy, P. R., Shende, M. and Srivastava, S. (May 2021). Window Analysis for Project Delay Analysis and Claim Management. *International Journal of Scientific & Engineering Research*. Vol. 12, No. 5. pp. 1020-1026.
3. **Seshadri, S, T.** and **Rambabu, M.** (July - August 2021). Quality Analysis on Leaning Tower of PISA. *International Journal of Current Engineering and Technology*. Vol. 11, No. 4, pp 400-404.



4. **Seshadri, S, T.** (July- August 2021). Studies on Durability Factors of Self Compacting Concrete. *Research Journal of Engineering and Technology*. Vol. 11, No. 4, pp. 431-432.
5. Sivasundara, V., Hemprashant R. V., Sruthy S., Vidya S. and **Muralidhar, P.** (September, 2021). Analysis on Project Portfolio Management Practices in Indian Construction Industry. *Journal of Civil Engineering, Science and Technology*. Vol. 12, No. 2, pp. 179-188.
6. **Tenepalli, J. S.,** Grover, S. and Ashwath. (March 2022). An Evaluation of Environmental Impacts of Real Estate Projects. *EPRA International Journal of Environmental Economics, Commerce and Educational Management*. Vol. 9, No. 3, pp. 15-20.
7. **Tenepalli, J. S.,** Mandal, D. and Upadhyay, M. (March 2022). Implementing Value Engineering for Structural Works During the Design Phase for A Residential Project. *EPRA International Journal of Multidisciplinary Research (IJMR) - Peer Reviewed Journal*. Vol. 8, No. 3, pp. 91-96.
8. **Vigneswara Rao, K. T.** (March 2022). Mining Construction Management Dimension to Influence Sustainability: Reasoning and Rationalization. *International Journal of Research Publication and Reviews*. Vol. 3, No. 3, pp. 1164-1169.
9. **Vigneswara Rao, K.T.** (March 2022). Empirical Investigation of Usage of Electronic Finance in the Sectors of Construction Management. *International Journal of Research Publication and Reviews*. Vol. 3, No. 3, pp. 1458-1463.

## **B]. Paper Published in Conference Proceedings/Edited Book**

1. **Agrawal, V.** and Savoikar, P. (November 2021). Sustainable Use of Normal and Ultra-Fine Fly Ash in Mortar as Partial Replacement to Ordinary Portland Cement in Ternary Combinations. *Materials Today: Proceedings*. pp. 1-5.
2. Arihant. J., Deepak. S., Chowdary, M., Bhosale, S., Reddy, K. and **Abhyankar, A.** (December, 2021). GRIHA Norms: Are They Really Green Enough. Proceeding book of 11<sup>th</sup> International Conference 'Case Studies on Perspectives on Entrepreneurship and Sustainability'. Published by BIMTECH Birla Institute of Management Technology, Noida (NCR) Uttar Pradesh in Bloomsbury Publishing India Pvt. Ltd. pp. 47-57.
3. **Bagul, A.** and Mukherjee, I. (2022). A New Insight on Order Quantity Allocation for Coordinated Multi-tier Multiple Supplier Networks Under Demand Uncertainty. *Published by Springer Nature Singapore*. pp. 23-47.
4. Berwal, P., Kaushik, G., Chandra, K., Upadhyay, K., Gupta, D. and **Goyal, R.** An Overview of Technique Used in Traffic Monitoring System. *Published by Springer Nature Switzerland*. pp. 121-131.
5. Berwal, P., Pal, M., Ali, I., Singla, S. and **Goyal, R.** (2022). An Overview of Highway Failure and Its Maintenance on Old NH-2. *Published by Springer Nature Switzerland*. pp. 133-142.

6. **Biswas, A.** (November, 2021). Covid-19 Effects on the Indian Construction Industry. *Proceedings of 6<sup>th</sup> International Conference on 'Economic Growth and Sustainable Development: Emerging Trends'*. Published by Shri Dharmasthala Manjunatheshwara Institute for Management Development (SDMIMD). pp. 01-09.
7. **Chothe, O.** and **Agrawal, V.** (2021). An Experimental Investigation on Applications of Fiber-Reinforced Composites for Rehabilitation of Concrete Beams. *Resilient Infrastructure Select Proceedings of VCDRR 2021 (Lecture Notes in Civil Engineering)*. Vol. 202, pp. 415-425.
8. **Goyal, R.** and **Dhawan, A.** (2021). Sustainability Index: A Tool to Measure Environmental Performance of an Indian City. *IOP Conference Series: Earth and Environmental Science*. Vol. 795, pp. 1-10.
9. **Hedau, A.** (2021). Road Infrastructure Sector and Digital Banking in India – The Beginning of New Era. *Recent Advances in the Fields of Accounting, Finance and Management*. Edition 1. pp. 29-34.
10. Joy, J., Prasad, S., **Ramalingam S.**, Alenchery, S. and George, N. (December, 2021). Cost Benefit Analysis of Structural Activities in Residential Projects in Kerala to Eliminate Non- Value-Added Tasks. *Proceedings of Indian Lean Construction Published by CEPT University Press Ahmedabad, India*. pp. 122-131.
11. Jain, R. K., **Goyal, R.** and Goldar, D. (2022). Study of Sustainability Aspects of Chambal River Linking System Using Reservoir Simulation Techniques. *Published by Springer Nature Switzerland*. pp. 209-229.
12. **Kore, S.** (2021). Sustainable Production of Concrete using Coir Fibres. *IOP Conf. Series: Earth and Environmental Science (ICSEEGT 2021)*. pp. 1-10.
13. **Malla, V.** and Venkata Santosh Kumar Delhi (2021). Inhibitors to Interface Management Implementation: Perceptions of Construction Stakeholders. *Proceedings of SECON 21 Structural Engineering and Construction Management. Lecture Notes in Civil Engineering*. Vol. 171, pp. 687-696.
14. **Malla, V., Jagannathan, M.** and Venkata Santosh Kumar Delhi (December, 2021). Synergies between Circular Economy and Lean Practices in Built Environment. *Proceedings of Indian Lean Construction Conference. Published by CEPT University Press Ahmedabad, India*. pp. 640-649.
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