

**Publication -2025**

| <b>Title of the paper</b>                                                                                        | <b>Name of the Author/s</b>                                                                           | <b>Name of the journal</b>                       | <b>Year of publication</b> | <b>ISSN Number</b> | <b>Journal/Conference</b> | <b>Scopus/WOS</b> |
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| Quantifying Innovation In Construction: Spss Analysis Of Project Manager Perceptions And Their Effects           | Kola Veera Gani Durga Prasad, A.Aravindan                                                             | ARPJ Journal of Engineering and Applied Sciences | 2025                       | 1819-6608          | Journal                   | Scopus            |
| Enhancing Mechanical and Thermal Performance of M30 Concrete with Carbon Fibre Reinforcement                     | Kola Veera Gani Durga Prasad, A.Aravindan                                                             | Journal of Polymer and Composites                | 2025                       | 2321–8525          | Journal                   | Scopus            |
| Modular Floating Cities for Climate Refugees                                                                     | Dr. Swati Agrawal, Sandip B Chavan, Dr. Franklin John Selvaraj, A. Aravindan                          | International Journal of Environmental Sciences  | 2025                       | 2229-7359          | Journal                   | Scopus            |
| Synergistic Effects Of Fly Ash, Silica Fume, And Metakaolin On The Strength And Durability Of M30 Grade Concrete | N. Naga Phani Babu, A. Aravindan, and Nadigatla Naveen Kumar                                          | ARPJ Journal of Engineering and Applied Sciences | 2025                       | 1819-6608          | Journal                   | Scopus            |
| Structural Behaviour Of Multi-Storied Buildings With Response Spectrum Analysis Using Fluid Viscous Damper       | Vamsi, Paleti Krishna; Poluraju, P. ; Chaitanya Kumar, J. D.                                          | ARPJ Journal of Engineering and Applied Sciences | 2025                       | 1819-6608          | Journal                   | Scopus            |
| An Experimental Investigation On Concrete By Replacement Of Cement With Fly Ash And Fine Aggregate With Robosand | Krishna, P. Jaswanth ; Bhargav, Kvn Sai ; Rajamallu, C. ; Krishna, A. Dinesh ; Chaitanya Kumar, J. D. | ARPJ Journal of Engineering and Applied Sciences | 2025                       | 1819-6608          | Journal                   | Scopus            |

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| Enhancement Of Mechanical And Durability Properties Of M40 Concrete Using Agro-Industrial By-Products And Fibre Reinforcement | Pendyala, Mohan Naga Sai Krishna Chaitanya Kumar, J. D.                                                   | ARPJ Journal of Engineering and Applied Sciences | 2025 | 1819-6608 | Journal | Scopus |
| Experimental Study On Partial Cement Substitution In Concrete With Pofa And Fly Ash                                           | Sai Krishna, G. ; Reddy, D. Obul; Rao, Battina Narasimha ; Kumar, Velamala Pavan ; Chaitanya Kumar, J. D. | ARPJ Journal of Engineering and Applied Sciences | 2025 | 1819-6608 | Journal | Scopus |
| Experimental Evaluation Of Clayey Soil Stabilisation Using Wood Ash And Lime Additives                                        | Krishna Pendyala, Mohan Naga Sai Chaitanya Kumar, J. D.                                                   | ARPJ Journal of Engineering and Applied Sciences | 2025 | 1819-6608 | Journal | Scopus |
| Performance Evaluation Of Self-Compacting Concrete Incorporating Fly Ash And Silica Fume                                      | Prakash J.; Kumar Y.H.; Lingeshwaran N.; Kumar N.N.                                                       | ARPJ Journal of Engineering and Applied Sciences | 2025 | 24095656  | Journal | Scopus |
| Advanced regression approaches for predicting the mechanical behaviour of limestone-enhanced concrete                         | Swathi B.H.; Rajendra A.B.; Pasha N.; Garad A.; Deshmukh V.D.; Lingeshwaran N.                            | Discover Sustainability                          | 2025 | 26629984  | Journal | Scopus |
| Flexural behavior of GFRP rebars and steel rebars with polypropylene fibers and fly ash-based concrete                        | Sai V.H.; Lingeshwaran N.; Prasanna P.K.; George Fernandez Raj A.; Jayanthi P.                            | Research on Engineering Structures and Materials | 2025 | 21489807  | Journal | Scopus |
| Enhanced Mechanical and Flexural Performance of M40 Concrete with Hybrid Fibers and                                           | Sai V.H.; Lingeshwaran N.; Pratheba S.; Lakshmi                                                           | Procedia Structural Integrity                    | 2025 | 24523216  | Journal | Scopus |

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| Fly Ash Replacement                                                                                     | B.V.                                                                                                             |                                                  |      |           |         |        |
| Enhanced Mechanical and Flexural Performance of M40 Concrete with Hybrid Fibers and Fly Ash Replacement | Sai V.H.;<br>Lingeshwaran N.;<br>Pratheba S.; Lakshmi B.V.                                                       | IFAC-PapersOnLine                                | 2025 | 24058971  | Journal | Scopus |
| Structural application of fiber reinforced concrete                                                     | Babu K.V.; Chowdary C.H.M.; Lingeshwaran N.; Kishore I.S.                                                        | Research on Engineering Structures and Materials | 2025 | 21489807  | Journal | Scopus |
| Investigation on Mechanical Properties of Geo Polymer Concrete With Fly Ash and Steel Fibers            | K.Hemantha Raja,<br>K.Shyam Prakash                                                                              | Journal of Polymer and Composites                | 2025 | 2321-8525 | Journal | WOS    |
| Experimental investigation on utilization of rice husk ash and fly ash in rigid pavement                | Hemantha Raja K.,<br>K. Shyam Prakash<br>B. Santosh Kumar, N.<br>S. S. Kruthin and B. H.<br>Gopi Prashanth       | ARPJ Journal of Engineering and Applied Sciences | 2025 | 1819-6608 | Journal | Scopus |
| Experimental study of cement replacement with tea waste in rigid pavements                              | Hemantha Raja K,<br>Shyam Prakash<br>Koganti, G. Pavan<br>Laxmi kanth, G.<br>Karthikeya and M.<br>Mohana Krishna | ARPJ Journal of Engineering and Applied Sciences | 2025 | 1819-6608 | Journal | Scopus |
| Real-time safety monitoring for vehicle accidents in mountainous terrain                                | Hemantha Raja K,<br>Shyam Prakash<br>Koganti,, Palatla.<br>Uday Tej, Bathala.<br>Sreekant1 and<br>Vadlamuri. Sri | ARPJ Journal of Engineering and Applied Sciences | 2025 | 1819-6608 | Journal | Scopus |

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| Comparative analysis of roofing systems: evaluating cost-effectiveness and material efficiency for optimized construction          | K. P. Chandu, K. Hemantha Raja and N. Naveen Kumar             | ARPJ Journal of Engineering and Applied Sciences | 2025 | 1819-6608 | Journal | Scopus       |
| A quantitative assessment of sustainable management practices on construction quality and stakeholder satisfaction                 | Vishnu Havish, S.A.S.,Kumar, Y.H.                              | ARPJ Journal Of Engineering And Applied Sciences | 2025 | 1819-6608 | Journal | Scopus & WOS |
| Enhancing Concrete Performance With GGBFS: An Analysis Of Strength Characteristics At Various Replacement Levels                   | Prakash, KC, Kumar, YH Raja, KH Kumar, Kumar, Nadigatla Naveen | Journal Of Polymer And Composites                | 2025 | 2321–8525 | Journal | WOS          |
| Assessing The Adoption And Challenges Of Building Information Modelling (Bim) In India's Construction Sector: A Quantitative Study | Prakash, KC, Kumar, YH, Nadigatla Naveen                       | ARPJ Journal Of Engineering And Applied Sciences | 2025 | 1819-6608 | Journal | Scopus       |
| Environmental Risk Assessment Of Lignite Storage In The Mining Industry: Strategies For Hazard Mitigation                          | Shyam, KC, Kumar, YH Raja, KH Kumar, Kumar, Nadigatla Naveen   | ARPJ Journal Of Engineering And Applied Sciences | 2025 | 1819-6608 | Journal | Scopus       |
| A Quantitative Assessment Of Sustainable Management Practices On Construction Quality And Stakeholder Satisfaction                 | Vishnu Havish, S. A.S.,Himath Kumar, Y                         | ARPJ Journal Of Engineering And Applied Sciences | 2025 | 1819-6608 | Journal | Scopus       |
| Navigating Polymer Processing: Advances, Challenges, And Future                                                                    | Shyam, KC, Kumar, YH Raja, KH Kumar,                           | Journal Of Polymer And                           | 2025 | 2321–     | Journal | Wos          |

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| Horizons                                                                                                                                         | Kumar, Nadigatla Naveen                           | Composites                        |      | 8525               |         |              |
| Behavioural Study On Synthetic Fibre Reinforced Soil Cement Stabilized Blocks                                                                    | Vishnu Havish, S. A.S., Himath Kumar, Y           | Journal Of Polymer And Composites | 2025 | 2321–8525          | Journal | Wos          |
| Synthesis, Microstructural Analysis, And Wear Optimization Of Al6061–Si3n4 Composites Via Stir Casting For Automotive And Aerospace Applications | Brahma Chari Jyothishya Kanneganti                | Scientific Reports                | 2025 | 2045-2322          | Journal | Scopus & WOS |
| Study Of Optimization Of Process Parameters On The Wear Behaviour Of Al7075–Aluminium Oxide Composites Using Taguchi Approach                    | Brahma Chari Jyothishya Kanneganti                | Scientific Reports                | 2025 | 2045-2322          | Journal | Scopus & WOS |
| Comparative Evaluation of the Pozzolanic Activity of Artificial Pozzolans: Steel Slag, Fly Ash, and GGBFS                                        | Kumar Chilukuri, S., Kumar, S., Narendra Raut, A. | Journal of polymer and composites | 2023 | 2321–2810          | Journal | WOS          |
| Water Stress Vulnerability Assessment of Visakhapatnam District, Andhra Pradesh, India, Using AHP and MCDM Methods                               | Kasiviswanadham P., Kumar, S., and Sridevi T.,    | Disaster Advances                 | 2023 | 0974262X, 22784543 | Journal | Scopus       |