

DEPARTMENT OF CIVIL ENGINEERING

Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.

FACULTY PUBLICATIONS 2024-25

S.NO.	FACULTY NAME	Doi	Scopus	SCI/WoS	Non-Scopus/Non-Sci
1	Shanmathy S, Dr. V. Selvan , An Experimental Study on Optimum Usage of Red Mud and GGBS in Concrete: A Review, International Journal of Research Publication and Reviews, 5 (9), 1537-1542, 2024				1
2	Kaviyarasu A, Dr. V. Selvan , A Review Paper on Partial Replacements in Concrete: Alccofine, Crumb rubber waste and Chromite Sand, International Journal of Research Publication and Reviews, 5, (9), 1653-1657, 2024.	DOI: https://doi.org/10.55248/gengpi.5.0924.2604			1
3	Prabhaavi M, Dr. G L Sathyamoorthy , Microbial Fuel Cells: Sustainable Energy Production and Wastewater Treatment-Current Advances and Future Directions, International Journal of Research Publication and Reviews, 5(11), 2652-2658, 2024				1
4	Keerthana S, Dr. K. Ramadevi , Literature Review: Fibre Reinforced Functionally Graded Concrete (FRFGC), International Journal of Research Publication and Reviews, 5 (9), 1909-1912, 2024.	DOI: https://doi.org/10.55248/gengpi.5.0924.2616			1
5	Gowtham. B, Dr. K. Ramadevi , Review of Literature on Alccofine, Palm Kernel Shell Powder and Palm Kernel Shell Ash as a Partial Cement Replacements, International Journal of Research Publication and Reviews, 5(9), 1890-1895, 2024	Doi: https://doi.org/10.55248/gengpi.5.0924.2617			1
6	Subhika C, Ramadevi K , Enhancing Concrete Properties through Fly Ash Pelletized Aggregates and Fibre Reinforcement - A Review, Journal of Civil and Construction Engineering, 10 (3), 2024	DOI: https://doi.org/10.46610/JOCCE.2024.v010i03.004			1
7	Srivani.M, D. K. Ramadevi , Analytical Study on Behaviour of Different Shapes in Voided Slabs and	https://doi.org/10.222			1

	Voided Beams, International Journal for Research in Applied Science & Engineering Technology (IJRASET), 12(11), 2024.	14/ijraset.2024.65181			
8	Ajai Adarsan K, Tarun Prakash S, Sri Raksha M S, Ramadevi K , Pelletized Aggregate for Concrete: Review, International Journal of Research Publication and Reviews, ISSN 2582-7421, 6 (3), 2025				1
9	Boobalan Savandappur Chinnusamy and Gayathri Venkataraman "A comparative analysis of high-performance concrete: evaluation of strength and durability parameters with alternate fine aggregates and alccofine through response surface methodology model" Matéria (Rio J.), 29 (3),2024.	https://doi.org/10.1590/1517-7076-RMAT-2024-0021	1	1	
10	Govardhan Cheetirala, Gayathri Venkatraman , Sruthi Sarogan "Use of recycled concrete aggregate in concrete – a review", <i>AIP Conf. Proc.</i> 3237 (1), 060012, 2025.	doi.org/10.1063/5.0247304	1	1	
11	Sruthi Sarogan, V. Sai Neeraja, Venkatraman Gayathri , Sri Pranap Kalyanasundaram "The eco-environment with the effect of geopolymer concrete using nano particles & fibers - A review" <i>AIP Conf. Proc.</i> 3237 (1), 070002, 2025.	doi.org/10.1063/5.0247570	1	1	
12	V. Gayathri , C. Govardhan, S. Sruthi, Nabarun Dey "Performance assessment of ternary blended fiber-reinforced recycled aggregate concrete" Research on Engineering Structures and Materials, 2025	http://dx.doi.org/10.17515/resm.2025-491ma1018rs	1		
13	Ajai Adarsan K. Jabendra R., Geethakarthis A , "Determination of Acetaldehyde and Formaldehyde in Drinking Water Pet Bottles", Scope, 14(2), 493-504, 2024.		1		
14	Jamuna Mylan, Gandhimathi Arunachalam , "Material-based approaches for efficient forecasting and mitigation air pollution using advanced neural network models", Revista Materia (Rio de janeiro),30(4), 2025	10.1590/1517-7076-RMAT-2024-0612	1	1	
15	Subitha T., Manju R and Sasikumar P "Sustainable and strength-enhanced concrete using microbial consortia" Revista de la Construcción, 23(2), 403-412, 2024.	https://doi.org/10.7764/RDLC.23.2.403	1	1	
16	Sasikumar P and Manju R "Flexural behaviour and strengthening of reinforced concrete beams using concrete canvas" Asian Journal of Civil Engineering, 25, 4839–4852, .2024.	https://doi.org/10.1007/s42107-024-01083-z	1	1	
17	Sreekumara Ganapathy Venkadachalam Saraswathi, Manju Rajamani , Sasikumar Palanisami, "Prediction of the mechanical properties of hybrid fibre-reinforced polymer concrete using linear regression analysis" Revista Materia (Rio de janeiro), 29 (4), 2024.	doi.org/10.1590/1517-7076-RMAT-2024-0594	1	1	

18	Gokulkannan N, Manju Rajamani , Sasikumar Palanisam, "Enhancing the mechanical properties of fibre reinforced concrete using diatomaceous earth powder: fresh and hardened properties of concrete " Revista de la construction 23, 457-479, 2024.	https://doi.org/10.7764/RDLC.23.3.457 .	1	1	
19	Sreekumara Ganapathy V S, Manju R , Sasikumar P, Predicting the mechanical characterization of polymer hybrid fiber-reinforced concrete using linear regression analysis and various codes, Revista de la Construcción. Journal of Construction, 24(1), 60-74, 2025.	https://doi.org/10.7764/RDLC.24.1.60	1	1	
20	Chandru R, R Manju , Comprehensive Review on the Effect of Steel Fibres in the Concrete. International journal of Research Publication and Reviews, 6(2), 435-440, 2025.				1
21	P.C. Janani, J. Madesh, M. Madesh waran, R Manju , Comprehensive Review on the Effect of Steel Fibres in the Concrete. International Journal on Science and Technology (IJSAT), 16(1), 1-28, 2025.				1
22	Chandru R, R Manju , Study on the Influence of 3D, 4D, and 5D Steel Fibre Reinforced Concrete in Beam-Column Joints. International journal of Research Publication and Reviews, 6(4), 10362-10373, 2025.	https://doi.org/10.55248/gengpi.6.0425.1596			1
23	Anusuya M, R Manju , Sustainable Alternatives in Concrete: A Comprehensive Review on the Replacement of Diatomaceous Earth and Electrical Wire Fibers. International journal of Research Publication and Reviews, 6(3), 8192-8197, 2025.				1
24	Lohit M, Satheesh kumar K R P , Enhancing Concrete Sustainability: A Comprehensive Review of Steel Slag and Foundry Sand as Alternative Aggregate, International Journal of Research Publication and Reviews, 6 (2), 4676-4682, 2025.	DOI: https://doi.org/10.55248/gengpi.6.0225.1031			1
25	John Mathew W, Mr. Nandhakumar , A Literature Review Paper on Experimental Study on the Properties of Precast Concrete in Beam-Column Joints Using Polyvinyl Alcohol Fibres and Aramid Fibres with Half Grouted Sleeve Connectors, International Journal of Research Publication and Reviews, 5(9), 2372-2377, 2024	Doi: https://doi.org/10.55248/gengpi.5.0924.2638			1
26	Yuvaraj Manickam D, Nandhakumar P , Seismic Behavior of Precast Column Foundation Connections: A Comprehensive Review of Methods, Performance, and Future Prospects, International Journal of Research Publication and Reviews, 5(9), 2367-2371, 2024	Doi: https://doi.org/10.55248/gengpi.5.0924.2639			1
27	Ajai Adarsan K, Rajalakshmi S, Suryanarayanan T, Kusaal Sambath, Dharaneshwaran S P, Nandhakumar P ,	DOI: https://doi.org/10.342			1

	A Review on Application of Nanosensors for Monitoring the Structural Health of Bridges, Journal of Public Transportation System (JPTS) 4(1), 38-59, March 2025.	18/JPTS_04_01_003			
28	Rajkumar S, Kamalesh M, Karthikeyan G , Floating Concrete: A Review of Materials, Design Principles, and Applications International Journal of Research Publication and Reviews, 6(5), 244-251, May 2025.				1
29	G. Karthikeyan , N. Mathesh, S. A. Akash Vijai, C. S. Dharanish, Performance of Geopolymer Concrete with Flyash and Silica fume as Binders, International Journal of Research Publication and Reviews, 6 (3), 6382-6387, March 2025.				1
30	Jeevitha S, G. Karthikeyan , K Sri Pranap, An Overview about Shape Memory Alloys (SMAs) - Properties, Mechanisms, and Applications in Construction, International Journal of Innovative Research of Science, Engineering and Technology (IJIRSET), 14(5), May 2025.	DOI: 10.15680/IJIRSET.2025.1405306			1
31	Dathi Sathya A, Gnanavarshini R, Mughileeshwar N K, Rajalakshmi S , PHOTOCATALYTIC CONCRETE, International Journal of Innovative Research in Technology, 11(11), 2756-2764, April 2025.				1
32	Danie Blessly M, Subhashini K B, Ramesh Pandian S, Rajalakshmi S , Spatio – Temporal Analysis of Aerosol Optical Depth (Aod) During Southwest Monsoon Over Kerala Using Qgis, International Journal of Innovative Research in Technology, 11(11),3743-3748, April 2025.				1
33	Ajai Adarsan K, Rajalakshmi S , Suryanarayanan T, Kusaal Sambath, Dharaneshwaran S P, Nandhakumar P, A Review on Application of Nanosensors for Monitoring the Structural Health of Bridges, Journal of Public Transportation System (JPTS) 4(1), 38-59, March 2025.	DOI: https://doi.org/10.34218/JPTS_04_01_003			1
34	Viswanath, J. and Ramesh, N., “Climatic Influence on Solar Saltpans with specific reference to Thoothukudi District”, <i>Global NEST Journal</i> , 26(7), 2024.	https://doi.org/10.30955/gnj.06238	1	1	
35	D.Banuprakash, Ms. U Sindhu Vaardini, Mr. P.A. Prabakaran , Mr. A Aswin Bharath, Project Formulation and Appraisal of Construction a Overhead Water Tank in Ganesh Nagar Seerapalaym Village, International Journal of Research Publication and Reviews, 6 (3), 8100-8105, 2025.	DOI: https://doi.org/10.55248/gengpi.6.0325.12163			1
36	Abbhinaya G K, Dr. P.A. Prabakaran , Review on Mitigating Schedule Overrun in Tamil Nadu Construction Projects with AI-Driven Techniques, International Journal of Research Publication and Reviews, 6 (3), 8361-8367, 2025				1

37	S. Vignesh, Dr. P.A. Prabakaran , Review on Autonomous Resource Allocation in Construction Projects, International Journal of Research Publication and Reviews, 6, (3), 8173-8178, 2025.				1
38	V. Aswin, U. Sindhu Vaardini , Factors Influencing the Adoption of 3D Printing Technologies in the Indian Construction Industry: A Review of Existing Research and Theoretical Perspectives, International Journal for Multidisciplinary Research (IJFMR), 7(2), 2025				1
39	B Mithun, Sindhu Vaardini , A Study on the Driving Factors Influencing the Adoption of Augmented Reality during Construction Phase in Construction Projects, International Journal of Research Publication and Reviews, 6(4), 7822-7829, April 2025.				1
40	D.Banuprakash, Ms. U Sindhu Vaardini , Mr. P.A. Prabakaran, Mr. A Aswin Bharath, Project Formulation and Appraisal of Construction a Overhead Water Tank in Ganesh Nagar Seerapalaym Village, International Journal of Research Publication and Reviews, 6 (3), 8100-8105, 2025.	DOI: https://doi.org/10.55248/gengpi.6.0325.12163			1
41	Vaardini, U.S. , SHANMUGAPRIYA, S, Evaluating the effective factors of BIM for enhancing the construction interface management, Revista de la construcción, 23 (2), 218-229 (2024)	doi. org/10.7764/rdlc.23.2.218 .	1	1	
42	Nithyalakshmi B. and Remisha S R “A Review on Microfiber Pollution: A Silent Threat to Ecosystems and Biodiversity” International Journal of Scientific Research and Engineering Development, 7(3), 2024				1
43	Nalan, Nithyalakshmi B , Assessment of Microplastics in Soil Environment of Dump yard: A Review of Current Trends and Future Directions, International Journal of Research Publication and Reviews, 5 (11), 2426-2431, 2024				1
44	Prabhaavi M, Nithyalakshmi B , Cleaner Production Techniques in the Beverage Industry: A Review of Strategies and Practices for Sustainable Manufacturing, International Journal of Research Publication and Reviews, 5 (10), 2312-2317, 2024.				1
45	Subhanithinehaa A, Nithyalakshmi B , Cleaner Production in the Tanning Industry: A Review of Case Studies and Sustainable Practices, International Journal of Research Publication and Reviews, 5(10), 1447-1453, 2024.				1
46	Anusiya E, Nithyalakshmi B , Innovating for Sustainability: Cleaner Production, ESG, and LCA in the Wood Industry, International Journal of Research Publication and Reviews, 5(10), 3026-3036, 2024.				1
47	Hemabarathi R, Nithyalakshmi B , Tesla's Role in Driving Cleaner Production in the Automotive				1

	Industry: A Review, International Journal of Research Publication and Reviews, 5(10), 2875-2879, 2024.				
48	Samrithi V, Nithyalakshmi B , Mitigating Heavy Metal Pollution in the Tanning Industry: The Case for Cleaner Production and Sustainable Practices, International Journal of Research Publication and Reviews, 5(10), 3237-3244, 2024.				1
49	Oviyya KR, Nithyalakshmi B , Polyhydroxyalkanoates (PHAs): A Comprehensive Review of Life Cycle Assessment, Environmental Impacts, and Sustainable Development, International Journal of Research Publication and Reviews, 5(10), 3061-3067, 2024.				1
50	Azeez Rahman, Nithyalakshmi B , Cleaner Production Techniques in the Plastic Industry: A Review of Current Trends and Future Directions, International Journal of Research Publication and Reviews, 5(10), 4267-4272, 2024.				1
51	Preetha S, Libanesh S, Dr. A. Vennila , Investigation on mechanical properties of high strength fiber reinforced concrete with foundry sand and GGBS, International Journal of Research Publication and Reviews, 5(9), 1820-1824, 2024.				1
52	Libanesh S, Preetha S, Dr. A. Vennila , A Review on Geocement Mortar, International Journal of Research Publication and Reviews, 5 (9), 1620-1624, 2024.				1
53	Vennila. A , Yuvaraj. V, Rajeshkumar Viswanathan, Arunkumar Manoharan, "Improving durability and mechanical features of silica fume and waste glass powder in eco-friendly self-compacting concrete", Revista Materia (Rio de janeiro),29(2), 2024.	http://dx.doi.org/10.1590/1517-7076-rmat-2024-0072	1	1	
54	D. Banuprakash, Ms. U Sindhu Vaardini, Mr. P.A. Prabakaran, Mr. A Aswin Bharath , Project Formulation and Appraisal of Construction a Overhead Water Tank in Ganesh Nagar Seerapalaym Village, International Journal of Research Publication and Reviews, 6 (3), 8100-8105, 2025.	DOI: https://doi.org/10.55248/gengpi.6.0325.12163			1
55	Dey, N. , Sengupta, A. Stability analyses of non-homogeneous unsaturated slopes subjected to continuous rainwater infiltration. Bull Eng Geol Environ 83, 414 2024.	https://doi.org/10.1007/s10064-024-03918-0	1	1	

SCOPUS & SCI	ONLY SCOPUS	NON- SCOPUS/NON- SCI	TOTAL
13	2	40	55