Details of Publications

CAY (2024-2025)

S. No	Faculty Name	Publication Title	Title, Year, Vol, Issue, Page, Publisher	SCI/ Scopus / WoS, Quartiles	DoI	Is Available on online? (Yes/No)
			Journals			
1	Dr.R.Saravanakumar	An Analysis of Structural Rehabilitation and Repair Projects Involving Carbon Fiber Reinforced Concrete	Journal of Environmental Nanotechnology , 2024, Vol. 13, No 2 pp. 339-348	Scopus	https://nanoient.org/journals/index.php/jent/article/view/1040	Yes
2	Dr.S.Anandakumar	Investigation on Reinforced Concrete Beams with High-Strength FRP Composite	Journal of Environmental Nanotechnology , 2024, Vol. 13, No 2 pp. 208-213	Scopus	https://nanoient.org/journals/index.php/jent/article/view/1064	Yes
3	Dr.S.Anandaraj	Investigating the influence of Lemon Grass Root on Soil Stability and Slope Erosion: A Case Study in the Nilgiris District	Journal of Environmental Nanotechnology , 2024, Vol. 13, No 2pp. 411-417	Scopus	https://nanoient.org/journals/index.php/jent/article/view/1045	Yes
4	Dr.S.Kanmani	Drug Repositioning Using Computer-Aided Drug Design (CADD), Pubmed, Current Pharmaceutical Biotechnology	Current Pharmaceutical Biotechnology, 2023, Vol. 24, no.3, Bentham Science Publishers B.V..	SCIE /Q2	https://journal.gnest.org/publication/gnest_05771	Yes

5	Mr.S.Yuvaraj	Evaluation of concrete performance incorporated with anime group corrosion inhibitor	Revista Materia, 2024, Vol. 29, No. 3	SCI / Q4	https://www.scielo.br/j/rmat/a/M3wnvywfVRrdZvZ9brH3Jpc/#	Yes
6	Ms.C.Vinodhini	Stress Strain Behaviour of Solid Block Masonry Prism under Axiall Compression	Int. Res. J. Mulitidiscip. Technovation, 6(4) (2024) 8-19|8	Scopus	https://journals.asianresassoc.org/index.php/irjmt/article/view/1762	Yes
7	Dr.S.Anandakumar	Production and characteristic analysis of thick solid biomass fuel from the waste of watermelon-muskmelon using ceramic powder and cassava starch as binder – ceramics in energy application	Journal of Ceramic Processing Research, 2024, Vol. 25, No.4, pp. 633-642	Scopus	http://www.jcpr.or.kr/journal/archive/abstract_view/2983	Yes
8	Dr.K.S. Elango	An Experimental Investigation on Nano-Enhanced Tertiary Blended Concrete Wastes	Journal of Environmental Nanotechnology, 2024, Vol. 13(3), 289-296, Institute for Environmental Nanotechnology	Scopus	https://nanoient.org/journals/index.php/jent/article/view/1319	Yes
9	Dr.G.Anusha	Photocatalytic Degradation of Acetaminophen Using Carbon-TiO2 Nanocatalyst Extracted from Partial Replacement of Nano Silica and Slag Cement	Journal of Environmental Nanotechnology, 2024, Vol. 13(3), 353-360, Institute for Environmental Nanotechnology	Scopus	https://nanoient.org/journals/index.php/jent/article/view/1289	Yes

10	Mr.S.Venkat Raman	Investigation on Flexural Behaviour of HFRC with Partial Replacement of Nano Silica and Slag Cement	Journal of Environmental Nanotechnology , 2024, Vol. 13(3), 230-236, Institute for Environmental Nanotechnology	Scopus	https://nanoient.org/journals/index.php/jent/article/view/1215	Yes
11	Mr.D.Vivek	Eco-Friendly Concrete	Revista Materia, 2024, Vol. 29, No. 3	SCI / Q4	https://nanoient.org/journals/index.php/jent/article/view/1437	Yes
12	Dr.R.Saravanakumar	Kaolinite-based biochar nano composite material derived from Roystonea Regia for the removal of Copper (Cu2+) from effluent	Revista Materia, Vol.29, No.4, 2024	SCI/Q4	https://www.scielo.br/j/rmat/a/XNNfqrwgxy4CwTtnT5vgs7D/?format=pdf&lang=en	Yes
13	Dr.R.Saravankumar	Eco-efficiency of phosphogypsum waste and sisal fiber in the production of non-fired tile	Revista Materia, Vol.29, No.4, 2024	SCI / Q4	https://www.scielo.br/j/rmat/a/7PbPpmVGXDLL3wzKgBFnR7r/?format=pdf&lang=en	Yes
14	Mr.D.Vivek	Assessing the impact of sugar cane bagasse ash	European Journal of Environmental and Civil Engineering	SCI / Q4	https://www.tandfonline.com/doi/full/10.1080/19648189.2024.2441968?src=	Yes
15	Dr.S.Anandaraj	Influence of Glass Powder in strength and durability performance of Sisal Fiber Reinforced Concrete	Revista Materia, 2024, Vol. 29, no.4	SCI / Q4	https://www.scielo.br/j/rmat/a/XJT4sZgp7q4VVJ8mcpH7mgH/?format=pdf&lang=en	Yes

16	Dr.V.Rajeshkumar	Investigating the influence of polypropylene and steel fibers on the mechanical properties of UHPFRC	Revista Materia, 2024, Vol.29, No.4	SCI/Q4	https://www.scielo.br/j/rmat/a/LZGqQdkLm7D4SLt9cNNgfWS/?lang=en&format=pdf	Yes
17	Dr.S.Anandaraj	Flexural performance of reinforced concrete beam with layer of hybrid strain-hardening cementitious composites	Revista Materia, 2025, Vol.30, Artcile in Press	SCI / Q4	https://www.scielo.br/j/rmat/a/jbSJcpYdhJbY9cCtq98Wwsz/?format=pdf&lang=en	Yes
18	Dr.S.Kanmani	Natural enzymatic systems for improving water purification using Advanced Oxidation Processes	Oxidation Communications, 47(4) (2024) Pages: 837-847	Scopus	https://scibulcom.net/en/article/6DPU0vuHvoXkzlL0Xs91	Yes
19	Ms.C.Vinodhini	Influence of Nano-SiO2 and Nano-TiO2 on Self Compacting Concrete: A Study of Rheology and Strength Improvement	Journal of Environmental Nanotechnology. Vol. 13(4), 161-168 (2024)	Scopus	https://nanoient.org/journals/index.php/jent/article/view/1702	Yes
20	Dr.S.Elavarasan	Treatment of Textile Effluent by Coagulation Process using Moringa oleifera as a Natural Coagulant	Indian Journal of Environmental Protection, IJEP 45(2): 154-160: Vol. 45 Issue. 2	Scopus	https://www.e-ijep.co.in/45-2-154-160/	Yes

21	Dr.S.Elavarasan	Sporting footpaths and toxic dust: risk-based assessment of urban, suburban, and rural exposure	International Journal of Environmental Health Research	SCI/Q4	https://doi.org/10.1080/09603123.2025.2487630	Yes
22	Dr.S.Yuvaraj	A study on the strength and durability of cement mortar featuring partial brick powder replacement: economic and sustainability implications	Revista Materia, Vol.30 (2025)	SCI/Q4	https://doi.org/10.1590/1517-7076-RMAT-2024-0792	Yes
23	Dr.K.S.Elango	Durability characteristics on Self-Compacting Concrete using casting slag as the fine aggregate	Revista Materia, Vol.30 (2025)	SCI/Q4	https://doi.org/10.1590/1517-7076-RMAT-2024-0830	Yes
24	Dr.R.Dharmaraj	Fluoride removal from contaminated water using natural bio-adsorbents: A numerical and experimental investigation	Desalination and Water Treatment, 321 (2025) 100984	SCI/Q3	https://www.sciencedirect.com/science/article/pii/S19443986242049 4X#:~:text=Groundnut%20shell%2C%20banana%20peel%2C%20lemon,5.0%2C%20and%207.0%2C%20respectively.	Yes

25	Mrs.P.Indhiradevi	Analysis and evaluation of Cost of Quality (COQ) elements on total quantity costs in construction projects: design of experiments	Revista Materia, Vol.30 (2025)	SCI/Q4	https://www.scielo.br/j/rmat/a/6zKQwyfjcsTpBhSLyjJxJVc/?format=pdf&lang=en	Yes
26	Dr.R.Kavitha	Silt floor optimization based on stiffness and column contribution	Innovative Infrastructure Solutions (2025), Vol.10 (2025) 267	SCI/Q2	https://link.springer.com/article/10.1007/s41062-025-02066-y	Yes
27	Mr.S.Logeswaran	Eco-friendly paver blocks with geotextiles for pedestrian footpaths and smart materials for bus station infrastructure	Revista Materia, Vol.30 (2025)	SCI/Q4	https://www.scielo.br/j/rmat/a/q9Kwb8QqmssYPMNGw8BCqyp/?lang=en	Yes
28	Dr.V.Rajeshkumar	Mechanical and Microstructural Analysis of Self-Compacting Concrete	International Research Journal of Multidisciplinary Scope (IRJMS), Volume: 6 Issue: 1 Pages: 1486-1497 (2025)	Scopus	https://www.irjms.com/journal/mechanical-and-microstructural-analysis-of-self-compacting-concrete/	Yes

29	Dr.S.Elavarasan	Examination of Air Quality Index and Dispersion Pattern of Ambient Air Pollutants in Coimbatore	Indian Journal of Environmental Protection, IJEP 45(5): 406-414: Vol. 45 Issue. 5	Scopus	https://www.e-ijep.co.in/45-5-406-414/	Yes
Conference Proceedings						
30	Dr.S.Yuvaraj	Prediction of strength properties of concrete under the influence of recycled aggregate using machine learning models	Interactions (2024) 245:354	Scopus	https://link.springer.com/article/10.1007/s10751-024-02189-1	Yes
31	Mrs.S.Bharani	Investigation of light weight bricks by using waste foundry sand	AIP Conference Proceedings (2025) 3267, 020083	Scopus	https://pubs.aip.org/aip/acp/article-abstract/3267/1/020083/3349564/Investigation-of-light-weight-bricks-by-using?redirectedFrom=PDF	Yes

32	Mrs.S.Bharani	An investigation on properties of polymer modified concrete and its application – A review	AIP Conference Proceedings (2025) 3267, 020094	Scopus	https://pubs.aip.org/aip/acp/article-abstract/3267/1/020094/3349587/An-investigation-on-properties-of-polymer-modified?redirectedFrom=fulltext	Yes
33	Dr.G.Anusha	Investigation on corrosion rate	AIP Conference Proceedings (2025) 3267, 020112	Scopus	https://pubs.aip.org/aip/acp/article-abstract/3267/1/020112/3349606/Investigation-on-corrosion-rate-in-reinforced?redirectedFrom=fulltext	Yes
Book/Book chapters						
34	Dr.S.Yuvaraj, Dr.K.S.Elango, Mrs.P.P.Fathimathul Fuhaima	A Comprehensive analysis of bioimplant manufacturing advancements	Bioimplants Manufaturing & CRC Press	Scopus	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003509943-2/comprehensive-analysis-bioimplant-manufacturing-advancements-yuvaraj-elango-fathimathul-fuhaima?context=ubx&refId=21744111-2372-46a6-	Yes

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35	Dr.S.Anandakumar	Future Developmemts of Higher Education on Social Psychology: Innovation and Changes	Social Innovation in Education, Environment, and Healthcare & IGI Global	Scopus	https://www.igi-global.com/chapter/future-developments-of-higher-education-on-social-psychology/350596	Yes
36	Mr.S.Logeswaran	An introduction to the bus station design: Traffic Engineering Perspective	Scientific International Public Home	International Publisher	-	-
37	Mr.S.Logeswaran	Real-World Applications of Quantum-Enhanced Machine Learning Solutions	IGI Global	Scopus	https://www.igi-global.com/gateway/chapter/375923#pnlRecommendationForm	Yes
38	Mr.S.Logeswaran	Enhancing Industrial Employee Performance by Integrating Machine Learning and Human Psychology	IGI Global	Scopus	https://www.igi-global.com/chapter/enhancing-industrial-employee-performance-by-integrating-machine-learning-and-	Yes

					human-psychology/371667	
39	Dr.K.S.Elango	A Critical Review on Fresh, Hardened and Durability Properties of 3D Printing Concrete	Innovations in Electronic Materials: Advancing Technology for a Sustainable future & Springer	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-73816-6_11	Yes
40	Dr.R.Dharmaraj	Environmental Engineering	Taran Publication	International Publisher	-	-
41	Ms.C.Vinodhini	Fundamentals of Construction Materials	Scientific International Publishing House	International Publisher	-	-

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