

Details of Publications

CAY m1 (2023-2024)

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.Dharmaraj	Properties of Sustainable High Strength Concrete With Waste Copper Slag	Journal of Wuhan University of Technology, 2023, Vol.38, pp. 815 –822, Springer	SCI / Q3	https://doi.org/10.1007/s11595-023-2764-7	Yes
2	Mr.D.Vivek	Fabrication and Characterization of Partial Bio-Nano-Silica inclusion in Fibre-Reinforced Concrete for High-Performance Applications	Advances in Polymer Technology, 2023, Vol. 2023, no. 1, pp. 1 - 10. John Wiley & Sons inc	SCI / Q2	10.1155/2023/4379941	Yes
3	Mr.D.Vivek	Experimental Investigation on Carbonation Due to Climate Change Impacts	Global Nest, 2023, Vol. 25, no.6, pp. 130 – 141, COSMOS SA	SCI / Q3	https://doi.org/10.30955/gnj.005004	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	10.2174/1389201024666230821103601	Yes

5	Dr.R.Saravanakumar	Influence of Presaturated Coconut Fibre Ash Pellets in Concrete	Revista Materia, 2023, Vol. 28, no.3, Universidade Federal do Rio de Janeiro (UFRJ)	SCI / Q4	10.1590/1517-7076-rmat-2023-0190	Yes
6	Dr.S.Anandakumar	Performance Appraisal of Supplier Selection in Construction Company With Fuzzy AHP, Fuzzy Topsis, and DEA: A Case Study Based Approach	Journal of intelligent & Fuzzy Systems, 2023, Vol.45, no.6, pp. 10515-10528, IOS Press.	SCI / Q2	10.3233/JIFS-231790 /	Yes
7	Dr.S.Anandakumar	Unleashing the Resilience of Reinforced Concrete Member Retrofitted With Composite Laminates	Journal of Ceramic Processing Research, 2023, Vol. 24, no. 5, pp. 850-859, Hanyang University Press	SCI / Q3	10.36410/jcpr.2023.24.5.850	Yes
8	Dr.K.S.Elango	Performance Evaluation of Fibre Reinforced Pervious Concrete Pavement	Revista Română de Materiale / Romanian Journal of Materials, 2023, Vol.53, no.3, pp.227 – 247, Procema SA	SCI / Q4	https://solacolu.chim.upb.ro/pg237-247.pdf	Yes
9	Dr.S.Anandaraj	Evaluation of Groundwater Chemistry and Multivariate Statistical Studies in Parts of Tirupur District, India	Journal of Environmental Nanotechnology, 2023, Vol. 12, no.4, pp. 60 –67, Institute for Environmental Nanotechnology	Scopus	https://doi.org/10.13074/jent.2023.12.234484	Yes

10	Dr.S.Kanmani	A Comprehensive Review of the Role of Soft Computing Techniques in Municipal Solid Waste Management	Environmental Technology Reviews, 2024, Vol. 13, no.1, Taylor & Francis Ltd	Scopus	https://doi.org/10.1080/21622515.2023.2293679	Yes
11	Dr.R.Saravanakumar	Industrial Waste Phosphogypsum's Impact on CO ₂ Reduction and Global Warming	Global NEST Journal, 2023, Vol. 25, no. 9, pp 127-132, COSMOS SA	SCI / Q3	https://doi.org/10.30955/gnj.005198	Yes
12	Mr.S.Elavarasan	Estimation of Compressive Strength of Alkali Activated Soil Using Artificial intelligence Techniques	Material Science and Technology, 2024, Vol.23, no.01	Non-Scopus	10.10543/f0299.2024	Yes
13	Dr.S.Anandaraj	Influence of Ceramic Waste Powder (CWP) in Strength and Durability Performance of Coir Fiber Reinforced Concrete	Journal of Ceramic Processing Research, 2024, Vol. 25, no. 1, pp. 41- 47, Hanyang University Press	SCI / Q3	10.36410/jcpr.2024.25.1.41	Yes
14	Dr.R.Saravanakumar	Influence of Aggressive Environment in Macro and Micro structural Properties of Bottom Ash Geopolymer Concrete	Sustainability, 2024, Vol.16, no.5, pp.1732, MDPI	SCI / Q1	https://doi.org/10.3390/su16051732	Yes
15	Dr.R.Saravanakumar	Influence of Nano Silica on Impact Resistance and Durability of Fly Ash Concrete in Structural Buildings	Revista Materia, 2024, Vol. 29, no.1, Universidade Federal do Rio de Janeiro (UFRJ)	SCI / Q4	https://doi.org/10.1590/1517-7076-RMAT-2023-0340	Yes

16	Dr.S.Anandaraj	Development of Green Engineered Cementitious Composite Using Fly Ash and Nano silica For 3D Printing	Journal of Environmental Nanotechnology, 2024, Vol. 13, no.1, pp. 117-124, Institute for Environmental Nanotechnology	Scopus	https://doi.org/10.13074/jent.2024.03.241515	Yes
17	Dr.R.Saravanakumar	Sustainable Utilization of Cement Kiln Dust and GGBS in The Development of Eco-Friendly Concrete Composite	Revista Materia, 2024, Vol.29, no.2, Universidade Federal do Rio de Janeiro (UFRJ)	SCI / Q4	https://doi.org/10.1590/1517-7076-RMAT-2024-0054	Yes
18	Dr.V.Rajeshkumar	Mechanical Properties of Recycled Concrete Aggregates With Superplasticizer	Revista Materia, 2024, Vol.29, no. 2, Universidade Federal do Rio de Janeiro (UFRJ)	SCI / Q4	https://doi.org/10.1590/1517-7076-RMAT-2023-0382	Yes
19	Dr.S.Anandakumar	Coastline and Geomorphological Deviations Using DSAS Techniques Over The Past 5 Decades (1972–2022) in Tirunelveli District, Tamil Nadu, INDIA	Environment, Development and Sustainability, 2024, Vol. 26, pp. 21709 – 21724, Springer	SCI / Q1	https://doi.org/10.1007/s10668-024-04937-3	Yes
20	Dr.S.Anandakumar	Analyzing Key Success Factors in Public-Private Partnership BOT Projects: An Empirical Study on Financing influences, insights, and Analysis in Construction Management	Revista Materia, 2024, Vol.29, no. 2, Universidade Federal do Rio de Janeiro (UFRJ)	SCI / Q4	https://doi.org/10.1590/1517-7076-rmat-2024-0140	Yes

21	Dr.R.Saravanakumar	Experimental Investigation on the influence of Cenosphere on Mechanical and Rheological Properties of Portland Cement Pastes	Revista Materia, 2024, Vol.29, no. 2, Universidade Federal do Rio de Janeiro (UFRJ)	SCI / Q4	https://doi.org/10.1590/1517-7076-RMAT-2024-0109	Yes
22	Dr.R.Saravanakumar	An Analysis of the Durability Features and Strength of the e-Waste Concrete	Revista Materia, 2024, Vol.29, no. 2, Universidade Federal do Rio de Janeiro (UFRJ)	SCI / Q4	https://doi.org/10.1590/1517-7076-RMAT-2024-0108	Yes
23	Dr.R.Saravanakumar	Evaluation of Structural Stability of Four-Storeyed Building Using Non-Destructive Testing Techniques	int. Res. J. Multidiscip. Technovation, 2024, Vol. 6, no. 4, pp.1-7, Asian Research Association	Scopus	10.54392/irjmt2441	Yes
24	Mr.S.Yuvaraj	Improving Durability and Mechanical Features of Silica Fume and Waste Glass Powder in Eco-Friendly Self-Compacting Concrete	Revista Materia, 2024, Vol.29, no. 2, Universidade Federal do Rio de Janeiro (UFRJ)	SCI / Q4	https://doi.org/10.1590/1517-7076-RMAT-2024-0072	Yes
Conference Proceedings						
25	Dr.S.Kanmani	Emerging Contaminants in the Environment and Bioremediation Control Strategies – A Review	IOP Conf. Series: Earth and Environmental Science, 2023, Vol.1258, pp. 012002, IOP Publishing Ltd..	Scopus	10.1088/1755-1315/1258/1/012002	Yes

26	Dr.V.Rajeshkumar	Comparison of Reinforced Cement Concrete Versus Steel Structures in Health Industry	Lecture Notes in Civil Engineering, 2023, Vol. 338, pp 43-49, Springer	Scopus	https://doi.org/10.1007/978-981-99-6233-4_5	Yes
27	Dr.S.Anandaraj	Comparative Study on Stabilisation of Bentonite Clay Using Municipal Incinerated Bottom Ash and Fly Ash	Lecture Notes in Civil Engineering, 2023, Vol. 398, pp. 359-368, Springer	Scopus	https://doi.org/10.1007/978-981-99-6229-7_30	Yes
28	Ms.R.Kavitha	Workflow for Pump House Design Using Building Information Modeling	Lecture Notes in Civil Engineering, 2023, Volume 398, pp. 461-468, Springer	Scopus	https://doi.org/10.1007/978-981-99-6229-7_40	Yes
29	Mr.D.Vivek	A Study of Hybrid Fibre Reinforced Concrete With E-Plastic Waste	E3S Web of Conferences, 2023, Vol. 405, pp.03007, ICSTCE 2023, EDP Sciences	Scopus	https://doi.org/10.1051/e3sconf/202340503007	Yes
30	Ms.B.S.Meenakshi	Performance of Geo-Polymer 3D Printing Concrete Under Ambient Curing	AIP Proceedings & ICATCHCOME, 2023, Vol. 2764, no. 1, pp.13, American INSTITUTEof Physics	Scopus	https://doi.org/10.1063/5.0145141	Yes
31	Dr.R.Dharmaraj	Study on Mechanical Properties of Silica Fume Based Reactive Powder Concrete	Materials Today Proceedings, 2023, Available online 25 September 2023, Elsevier	Scopus	https://doi.org/10.1016/j.matpr.2023.09.062	Yes

32	Mr.D.Vivek	Investigations on Mechanical and Durability Properties of Concrete With Waste Glass Powder and Ground Granulated Blast Furnace Slag	AIP Proceedings, 2023, Vol. 2901, no. 1, pp.15, American INSTITUTEof Physics	Scopus	https://doi.org/10.1063/5.0179481	Yes
33	Dr.G.Anusha	Examining The Durable Characteristics of Materials for Engineered Cementitious Composites	AIP Proceedings, 2023, Vol. 2901, no. 1, pp.15, American INSTITUTEof Physics	Scopus	https://doi.org/10.1063/5.0178978	Yes
34	Mr.S.Vinoth	Valorization of Self-Compacting Concrete Added With Recycled Aggregate and Slag Aggregate	AIP Proceedings, 2023, Vol. 2901, no. 1, pp.15, American INSTITUTEof Physics	Scopus	https://doi.org/10.1063/5.0178880	Yes
35	Dr.S.Anandaraj	Assessment on The Contribution of Four Different Plant Roots on Protecting The Slope and Its Stimulation on 3dimensional Analysis of Finite Element Method	AIP Proceedings, 2023, Vol. 2901; no. 1, pp.15, American INSTITUTEof Physics	Scopus	https://doi.org/10.1063/5.0179012	Yes
36	Dr.R.Dharmaraj	Improvement of Mechanism And Anti corrosive Behaviour Reinforcement Concrete Using Green Inhibitors	AIP Proceedings, 2023, Vol. 2901, no. 1, pp.15, American INSTITUTEof Physics	Scopus	https://doi.org/10.1063/5.0179072	Yes
37	Mr.S.Yuvaraj	Manufacture of Fly Ash Bricks By Utilizing Industrial Wastes and Assessing Its Performance and Applicability	AIP Proceedings, 2023, Vol. 2901, no. 1, pp.15, American INSTITUTEof Physics	Scopus	https://doi.org/10.1063/5.0178670	Yes

38	Mr.V.Kavinkumar	Compressive Strength Endorsement With Regression Props of Inflection and Tolerance for Material Substituted Self-Compacting Concrete With Fiber Reinforcement	Materials Today Proceedings, 2023, Available online 7 December 2023 Elsevier	Scopus	https://doi.org/10.1016/j.matpr.2023.12.007	Yes
39	Ms.P.Indhiadevi	A Study on Reduction of Air Pollution By Adding Mesoporous Adsorbent in Road Pavements	MATEC Web of Conferences, 2023, Vol. 384, pp. 01001 EDP Sciences	Scopus	https://doi.org/10.1051/mateconf/202338401001	Yes
40	Ms.P.Indhiradevi	Development of Alternatives for Signalized Intersection- A Case Study of Laxmi Mill Junction,Coimbatore	MATEC Web of Conferences, 2023, Vol. 384, no. 01005, EDP Sciences	Scopus	https://doi.org/10.1051/mateconf/202338401005	Yes
41	Mr.V.Kavinkumar	Experimental Investigation on Beam With Composite Reinforcement Using Mild Steel Tube In-Filled With Crumb Rubber	E3S Web of Conf. (ICSMEE'24), 2024, Vol. 529, no. 01003, EDP Sciences	Scopus	https://doi.org/10.1051/e3sconf/202452901003	Yes
42	Mr.S.Venkat Raman	Retrofitting of Thermally Affected Structural Compression Member Using Basalt FRP Laminates	E3S Web of Conf. (ICSMEE'24), 2024, Vol. 529, no. 01001, EDP Sciences	Scopus	https://doi.org/10.1051/e3sconf/202452901001	Yes
43	Mr.S.Vinoth	Investigation on Mechanical Properties of Self-Consolidating Concrete Containing Slag Aggregate	E3S Web of Conf. (ICSMEE'24), 2024, Vol. 529, no. 01002, EDP Sciences	Scopus	https://doi.org/10.1051/e3sconf/202452901002	Yes

44	Dr.R.Dharmaraj	Development Of Super-Hydrophobic Surface Using TiO ₂ To Reduce Adverse Effects of Environmental Pollutants on Buildings	Materials Today Proceedings, 2023, Available online 10 August 2023, Elsevier	Scopus	https://doi.org/10.1016/j.matpr.2023.07.331	Yes
Book/Book chapters						
45	Dr.G.Anusha	A Brief Overview on Microbial Composting	Current innovations in Chemical and Materials Sciences, 2023, Vol. 3 & B P international .	Scopus	https://stm.bookpi.org/CICMS-V3/issue/view/1247	Yes
46	Dr.K.S.Elango	Properties of Self-Compacting Light Weight Aggregate Concrete	Futuristic Trends in Construction Materials & Civil Engineering, 2024, Vol. 3, pp. 179-184, IIP series	Scopus	https://iipseries.org/assets/docupload/rs120241E2995B7D9227C2.pdf	Yes
47	Mr.S.Logeswaran	Biodiversity Conservation, Internet of Things in Environmental Science, Deep Learning	Reshaping Environmental Science Through Machine Learning and IoT, 2024, IGI Global Publisher	Scopus	https://www.igi-global.com/chapter/biodiversity-conservation-internet-of-things-in-environmental-science-deep-learning/346575	Yes

48	Dr.S.Anandakumar	Sustainable Practices for Green Computing and Digital e-Waste Management	Harnessing High-Performance Computing and AI for Environmental Sustainability, 2024, IGI Global Publisher	Scopus	https://www.igi-global.com/chapter/sustainable-practices-for-green-computing-and-digital-e-waste-management/347368	Yes
49	Dr.S.Anandakumar	Small Business Entrepreneurial Ecosystems in Regional Development	Cases on AI Ethics in Business, 2024, IGI Global Publisher	Scopus	https://www.igi-global.com/teaching-case/small-business-entrepreneurial-ecosystems-in-regional-development/347532	Yes
50	Dr.S.Anandakumar	Financial and Economic Analysis of Sustainable Practices for Green Computing	Cases on AI Ethics in Business, 2024, IGI Global Publisher	Scopus	https://www.igi-global.com/teaching-case/financial-and-economic-analysis-of-sustainable-practices-for-green-computing/347534	Yes
51	Mr.S.Logeswaran	Engineered Cementitious Composites (ECC) Through Nano-Composite integration: Enhancing Construction	Production, Properties, and Applications of Engineered Cementitious Composites, 2024, IGI Global Publisher	Scopus	https://www.irm-a-international.org/viewtitle/344828/?isxn=9781668481820	Yes

52	Mr.S.Venkat Raman	Economic Growth and Block Chain Technology inferences in e-Mobility	Cases on AI Ethics in Business, 2024, IGI Global Publisher	Scopus	https://www.igi-global.com/teaching-case/economic-growth-and-blockchain-technology-inferences-in-e-mobility/347530	Yes
53	Mr.S.Yuvaraj	A comprehensive Analysis of Bioimplant Manufacturing Advancements	Bioimplants Manufacturing, 2024, Taylor & Francis/CRC Press	Scopus	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003509943-2/comprehensive-analysis-bioimplant-manufacturing-advancements-yuvaraj-elango-fathimathul-fuhaima	Yes
Books						
54	Dr.G.Anusha	Wastewater Treatment by Adsorption Agro Wastes as Adsorbents	LAMBERT Academic Publishing	-	-	-
55	Ms.C.Vinodhini	Basics of Building Materials and Construction	Coimbatore Institute of information Technology	-	-	-

56	Mr.S.Logeswaran	GIS & Remote Sensing Recent Trends Tools and Applications	AG Publishing Home	-	-	-
57	Dr.S.Kanmani, Dr.S.Anandaraj & Mr.P.Kalaivanan	Disaster Risk Reduction and Management	Charulatha Publications	-	-	-
58	Mr.S. Logeswaran	Multiple Choice Questions in Transportation Engineering	IIP Publishers - Iterative International Publishers	-	-	-


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