

Velammal College of Engineering and Technology, Madurai – 625 009**(Autonomous)****Journal/Conference Publication Details****Department of Civil Engineering****Academic Year 2024-2025**

S.NO.	Name of the Journal/ Conference	Title of the Paper	Name of the Author	SCI/SCOPUS/ WoS/Google Scholar	Date of Publication
1.	Desalination and Water Treatment 320 (2024) 100837	Treatment of textile dyes with steel flakes via Fenton and Electro-Fenton processes: An experimental analysis	Dr R Ganesan	Scopus and SCI- (ANNEXURE-1)	12.10.2024
2.	Desalination and Water Treatment 321 (2025) 101038	A novel approach to sustainable water treatment utilising Cocos nucifera and Luffa acutangula	Dr R Ganesan	Scopus/ SCI - (ANNEXURE-1)	06.02.2025
3.	Advances in Additive Manufacturing Technologies, CRC Press, Taylor & Francis, 2024	Experimental Investigation of Mango wood powder and Aghil tree resin reinforcement with Combined Epoxy Hybrid Matrix bio-composite.	Dr R Ganesan	Scopus	2024
4.	Advances in Additive Manufacturing Technologies, CRC Press,Taylor & Francis, 2024	Static and Dynamic Mechanical Analysis of Prunus Dulcis Shell Powder and Basalt Fibre with Aghil Epoxy Hybrid Matrix Bio composite.	Dr R Ganesan	Scopus	2024
5.	Asian Journal of Water, Environment and Pollution	Experimental Investigation of Wastewater by using Novel Borassus Flabellifer Fiber and Cocos Nucifera Fiber	Dr R Ganesan	Scopus	26.0.6.2024
6.	Journal of Environmental Nano Technology	Utilizing sophisticated deep learning methods to forecast treatment methods for effluent generated by the paper and pulp sector	Dr R Ganesan	Scopus	30.03.2025
7.	(ICACM2023), AIP Conf. Proc. 3146, 030002-1– 030002-6	Estimation of air quality index in Madurai city	Dr J P. Annie Sweetlin Jebarani	Scopus	2024
8.	Archives of Civil Engineering, Poland	PCM enhanced concrete panels allow to reduce overheating in lightweight buildings	Dr J P. Annie Sweetlin Jebarani	WoS	21.05.2024
9.	Iranian Journal of Science and Technology, Transactions of Civil Engineering	Investigation Of The Effect Of Frp And Abrasive Sheet Wrapping On Interfacial Friction And Load Carrying Capacity Of Axially Loaded Steel Piles In Cohesionless Poorly Graded Soils	Dr J P. Annie Sweetlin Jebarani	Scopus/ SCI	22.02.2025
10.	Desalination and Water Treatment 321 (2025) 100934	Solar photo-Fenton technology in conjunction with a sequential batch reactor for the degradation of textile dyeing effluent.	Dr A. Latha	Scopus/ SCI	07.12.2024
11.	Materials Today Proceedings	Performance analysis of grounding mortars modified with polymeric residue	Dr. A.V. Deepan Chakravarthi	Scopus	03.07.2024
12.	Available at SSRN: https://ssrn.com/abstract=	Intelligent Waste Management Using Wireless Sensor	Dr. A. V. Deepan Chakravarthi	Scopus	2024

	5091365	Networks and Scale-Aware Fast R-CNN for Smart Cities			
13.	Smart Materials and Manufacturing Technologies for Sustainable Development, Advances in Science, Technology & Innovation, Springer Nature	Evaluating Mechanical Properties of AlSi7Mg0.3/TiB2 Composite with Different Casting Temperatures	Mr.Sathish Kumar	Scopus	2024
14.	AIP Conference proceedings	Estimation of Air quality Index in Madurai City	S. Venkata Priya	Scopus	July 22,2024
15.	ICRAMST'24, Springer proceedings,	performance evaluation of natural adsorbent in treating textile waste water	Mr M.Deepak	Scopus	2024
16.	Buildings 2024,14, 3496	Cyclic Performance of Reinforced Concrete Columns Strengthened with Basalt-Fibre-Reinforced Cementitious Matrix (BFRCM)	Mr C.Rajendra Prasath	Scopus/ SCI	31.10.2024

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1.	E3S Web of Conferences	Effect of Leachate containments on Clay liners	Dr J P.Annie Sweetlin Jebarani	Scopus/WoS	July 2024
2.	Journal of Environmental Protection and Ecology	Automated Brain Tumor Classification Using Novel Machine Learning Approach on MRI Scans	Dr.A.V.Deepan Chakravarthi	Scopus	December 2023
3.	Lecture notes in Civil Engineering-Springer	Modelling of Groundwater Quality in Madurai Using ANN	Mr M.Deepak	Scopus/WoS	13 April 2024
4.	AIP Conference Proceedings	Treatment of tannery effluent with activated carbon derived from tannery sludge and wood wastes by co-pyrolysis method	Mr M.Deepak	Scopus	7 August 2023
5.	Innovations in fiber reinforced concrete - Book - Chapter 5/Nova Publishers	Gamma radiation shielding properties of Steel basalt hybrid fiber reinforced copper slag concrete	Dr. J. Vinotha Jenifer	Scopus	December 2024
6.	Iranian Journal of Science and Technology, Transactions of Civil Engineering	Study on influence of corrosion and cracking in the phosphate based geopolymer concrete incorporating copper slag	Dr M.Pandieswari	Scopus/ SCI	13 October 2023

7.	E3S Web of conferences	A study of hybrid fibre reinforced concrete with E-plastic waste	Mr C.Rajendra Prasath	Scopus/WoS	26 July 2023
8.	Global NEST	Investigation on Tensile and Flexural Behaviour of Fibre Reinforced Concrete Using Artificial Neural Network	Mr C.Rajendra Prasath	Scopus/SCI	13 December 2023
9.	Lecture Notes in Civil Engineering-Springer	Investigation on Compressive Strength of Fibre-Reinforced Concrete Using Artificial Neural Network	C.Rajendra Prasath	Scopus/WoS	26 March 2024
10.	Global NEST	Vigna stipulacea mediated Fe nanoparticles synthesis: A greener approach for sequestration of Pb ²⁺ from aqueous environment	Mr R Mafaz Ahamed	Scopus//SCI	20 November 2023

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1.	Desalination and Water Treatment, 2022 267, pp.231-239.	Batch, thermodynamic, and regeneration studies of Reactive Blue 19 using Ulva reticulata (biochar)	Dr.L.Andal	Scopus/WoS	2022
2.	Global Nest Journal, 2022, 24(3), pp. 474–486	Evaluation of the performance of packed bed column for heavy metal ion removal using rice husk powder coated with iron oxide nanoparticles	Dr.L.Andal	Scopus/WoS	2022
3.	European Chemical Bulletin, 2023,12(10), 4366-4377	Enhancing the strength of concrete paver block by the addition of silica fume and polypylene fibre as an ingredient	Mrs. J.P. Annie Sweetlin Jebarani	Scopus	2023
4.	Global Nest Journal, 2022, 25(1), pp. 151–168	Batch and packed bed column studies of azo dyes adsorption from the aqueous solutions using activated sugarcane bagasse charcoal adsorbent: isotherm and kinetic studies	Dr. R. Venkat Saravanan	Scopus/WoS	2022
5.	Advances in Materials Science and Engineering , 2022, 7539546, pp 1-7	Investigation on Mechanical Behaviour of LM6 Aluminum Alloy Hybrid Composites Processed Using Stir Casting Process	Dr. R. Yuvaraja	Scopus/ WoS	2022

6.	Global NEST Journal, Vol 25, No X, pp 1-16	Chemically modified ascophyllum nodosum seaweed a sustainable solution for heavy metal removal from wastewater	Dr. R. Yuvaraja	Scopus	2022
7.	Journal of Environmental Protection and Ecology, 2022, 23(5), pp. 1985–1995	Development of Fly Ash-Based Construction Blocks with Copper Slag as Partial Replacement of Fine Aggregates	Mr.A.V.Deepan Chakravarthy	Scopus	2022
8.	Journal of Testing and Evaluation, February 21, 2023, 51(5)	Load-Deflection Response of Steel Basalt Hybrid fiber reinforced copper slag concrete beams	Dr. J. Vinotha Jenifer	Scopus/ WoS	2023
9.	"Materials today : Proceedings, Elsevier, 2023"	Mechanical and microstructure properties of copper slag based basalt fiber reinforced concrete	Dr. J. Vinotha Jenifer	Scopus/WoS	2023
10.	Materials today : Proceedings, Elsevier, 2023	Synthesis of binary blends using phosphate with Ash/Slag in the production of ambient cured geopolymer mortar	Ms M.Pandieswari	Scopus/ WoS	2023
11.	Iranian Journal of Science and Technology, Transactions of Civil Engineering, 47, 3333–3343 (2023)	Study on influence of corrosion and cracking in the phosphate based geopolymer concrete incorporating coper slag	Ms M.Pandieswari	Scopus/ WoS	2023
12.	AIP Conference Proceedings 2861, 070002 (2023)	Treatment of tannery effluent with activated carbon derived from tannery sludge and wood wastes by co-pyrolysis method	Mr M.Deepak	Scopus/ WoS	2023
13.	Materials today : Proceedings, Elsevier, 2023	Experimental study on brick performance using quartz material and woods ash	Mr M.Deepak	Scopus/ WoS	2023

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11.	Global Nest Journal	Evaluation of the performance of packed bed column for heavy metal ion removal using rice husk powder coated with iron oxide nanoparticles.	Dr.L.Andal	SCOPUS	2022 pp. 474–486
12.	Materials Research	Behaviour of Polypropylene and Steel Fibre Reinforced High	Dr.L.Andal	SCOPUS	2022

	Proceedings	Strength Concrete Exterior Beam Column Joint			pp. 148–158
13.	Materials and Technology	Experimental Investigation of Interfacial friction between FRPs- wrapped steel surface and cohesionless soil	Mrs.J.P.Annie Sweetlin Jebarani	SCOPUS	1580-2949 vol ,54, Issue 5, October 2020
14.	Global Nest Journal	Evaluation of the performance of packed bed column for heavy metal ion removal using rice husk powder coated with iron oxide nanoparticles.	Dr.R.Venkat Saravanan	SCOPUS	2022 pp. 474–486
15.	Global Nest Journal	Batch and packed bed column studies of azo dyes adsorption from the aqueous solutions using activated sugarcane bagasse charcoal adsorbent: isotherm and kinetic studies	Dr.R.Venkat Saravanan	SCOPUS	2022 pp. 151–168
16.	Global Nest Journal	Evaluation of the performance of packed bed column for heavy metal ion removal using rice husk powder coated with iron oxide nanoparticles	Dr.R.Yuvaraja	SCOPUS	2022 pp. 474–486
17.	Advances in Materials Science and Engineering	Investigation on Mechanical Behaviour of LM6 Aluminum Alloy Hybrid Composites Processed Using Stir Casting Process	Dr.R.Yuvaraja	SCOPUS	2022 7539546
18.	International Journal of Engineering Trends and Technology	Advent geospatial technologies in land evaluation: A critical review	Dr.T.Naveen Raj	SCOPUS	2021 pp. 190–205
19.	Journal of Environmental Protection and Ecology	Development of fly ash-based construction blocks with copper slag as partial replacement of fine aggregates	Mr.A.V.Deepan Chakravarthi	SCOPUS	2022 pp. 1985–1995
20.	Materials Research Proceedings	Behaviour of Polypropylene and Steel Fibre Reinforced High Strength Concrete Exterior Beam Column Joint	Mr.Sathish Kumar	SCOPUS	2022 pp. 148–158

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1.	International Journal of Engineering Trends and Technology	Advent geospatial technologies in land evaluation: A critical review	Dr.T.Naveen Raj	SCOPUS	2021 pp. 190–205
2.	Materials and Technology	Experimental Investigation of Interfacial friction between FRPs- wrapped steel surface and cohesionless soil	Mrs.J.P.Annie Sweetlin Jebarani	SCOPUS	1580-2949 vol ,54, Issue 5, October 2020