

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215 (Autonomous)**Department of Civil Engineering****Journal publications-2022-2023**

Sl. No	Title of the Paper	Name of the Authors	Name of Journal	Vol No, Issue No & pp	Year and Month of Publication	Category Q1/Q2/Q3/Q4	Impact factor	UGC Care list/Scopus/Web of Science/other, mention
1.	Experimental Studies on Ambient Cured Self-Compacting Geopolymer Concrete Made With GGBS and Bottom Ash	Karthick P Revathi V	Romanian Journal of Materials	Vol 52 Issue 4 pp 385 - 393	2022	Q4	0.13	Scopus/ Web of Science
2.	Assessment on durability of lightweight concrete using alkali modified fly ash based artificial coarse aggregate (FACA)	Ajmal Muhammed Palanisamy T Senthilkumar S	International Journal of Coal Preparation and Utilization	https://doi.org/10.1080/19392699.2022.2139248	Oct 2022	Q2	2.791	Scopus/ Web of Science
3.	Effect of Chloride on Accelerated Corrosion of Steel Rebar in Alkali-Activated Fly Ash and Paper Sludge Ash-Reinforced Concrete	P. Senthamilselvi, T.Palanisamy S.Senthilkumar	International Journal of Electrochemical Science	doi: 10.20964/2022.12.101	Dec 2022	Q4	1.541	Scopus/ Web of Science
4.	Groundwater hydrochemistry and its appropriateness for consumption and irrigation: Geographic and temporal variation: Integrated approach	Ezhilarasi M Senthilkumar S Senthilkumar V,	Urban Climate	https://doi.org/10.1016/j.uclim.2023.101482	Mar 2023	Q1	6.663	Scopus/ Web of Science
5.	Mechanical Properties of RC Beams with AFRP Sheets Under A Sustained Load	R. Mohanraj, S. Senthilkumar, P Padmapoorani	Materials and technology	Vol 56 issue 4 pp 365-372	2022	Q2	3.927	Scopus/ Web of Science
6.	Torsional performance of reinforced concrete beam with carbon fiber and aramid fiber laminates	S.Shanmugasundaram R. Mohanraj , S. Senthilkumar P.Padmapoorani	Revista de la Construcción	Vol 21 issue 2, pp329-337	Aug 2022	Q3	0.959	Scopus/ Web of Science

7.	Mechanical performance of ETC RC beam with U-framed AFRP laminates under a static load condition	P. Loganathan R. Mohanraj S. Senthilkumar, K. Yuvaraj	Revista de la Construcción	Vol 21 issue 3 pp 678-691	Dec 2022	Q3	0.959	Scopus / Web of Science
8.	Performance Analysis of Externally Strengthened Beam-Column Joint Using Basalt Fibre Fabric Under Cyclic Loading	G Gokila G.Dineshkumar	Journal of Environmental Protection and Ecology	Vol 23 issue 5 pp 1974-1984	2022	Q3	0.507	Scopus/ UGC Care
9.	Treatment of Tanning Effluent Using Seaweeds and Reduction of Environmental Contamination	Sampathkumar S. Southamirajan, Elango S, V Senthilkumar, D.Ambika, G Dineshkumar G. E. Arunkumar K. Raja, S. Arulmozhi B Dhivya	Journal of Chemistry (hindawi)	Volume 2022, Article ID 7836671, https://doi.org/10.1155/2022/7836671	2022	Q4	3.00	Scopus/ Web of Science
10.	Machine Learning Techniques for Structural Health Monitoring of Concrete Structures: A Systematic Review	P. Padmapoorani S. Senthilkumar R. Mohanraj	Iranian Journal of Science and Technology, Transactions of Civil Engineering	https://doi.org/10.1007/s40996-023-01054-5	Feb 2023	Q3	1.87	Scopus/ Web of Science
11.	Confinement effectiveness of 2900psi concrete using the extract of Euphorbia tortilis cactus as a natural additive	P Loganathan , R Mohanraj , S Senthilkumar, R Krishnasamy	Revistamatria	Vol 28 Issue 1	Nov 2022	Q4	0.54	Scopus/ Web of Science

12.	Spatial Analysis of Ground water and their treatment with Low-Cost Ceramic membrane	K. SanthoshKumaar N. Muralimohan P. Kulanthaivel S. Sathiskumar	Journal of Ceramic Processing Research.	Vol. 23, Issue. 6, pp. 892~901	Oct 2022	Q4	1.34	Scopus / Web of Science
13.	Improvement of Corrosion Resistance of Concrete Element by Using Nanotechnology	M. Porkodi, P. Prasanthni S. R. Gibin, D. S. Vijayan S. Gunasekar, V. Navin Ganesh	AIP Conference Proceedings	AIP Conf. Proc. 2690, 020004-1- 020004-6; https://doi.org/10.1063/5.0120073	March 2023	-	0.41	Scopus
14.	Strength and Durability of E-Plastic Waste Concrete Incorporating Quarry Dust	D Kanagaraj A. KalaiyaPandian	International Research Journal of Modernization in Engineering Technology and Science	Vol 4 Issue 7 Pp 1223-1227	July 2022	-	6.752	-
15.	A Review of Optimization of Banking Information Security Using the Modular Encryption Standard in Mobile Cloud Computing	L. Dheiveegam A. Rajiv Kannan T. Vijayashankar	International Research Journal of Modernization in Engineering Technology and Science	Vol 4 Issue 12 Pp 618-622	Dec 2022	-	6.752	-
16.	A Brief Study on Geopolymer Concrete - Review Paper	SanthoshKumar. T Vijayashankar. Yokhesh.C	International Research Journal of Modernization in Engineering Technology and Science	Vol 04 Issue 12 pp 1272-1277	Dec 2022	-	6.752	-
17.	Experimental Study on Metakaolin and Rice Hush Ash Based Geopolymer Concrete	S.Saravanaganesh, K.Dhileepan, T.Manickavel	International Journal of Innovative Research in Engineering	Vol4, Issue 3 pp: 326-328.	June 2023	-	9.907	-

18.	Experimental Study on Effect of Partial Replacement of Waste Aggregate by Over Burnt Brick in Concrete	S.Dineshkumar, P.Madhankumar, M.Sethuraman	International Journal of Innovative Research in Engineering	Vol 4, Issue 2 pp: 586-590.	April 2023	-	9.907	-
19.	Experimental Study on Partial Replacement of Cement by Fly Ash with Addition of PVA Fiber in Concrete	Dr P.Prasanthni, R.Nallenthiran, S.Prabhakaran	International Journal of Advances in Engineering and Management	Vol 5, Issue 4 pp: 1259-1263	April 2023	-	7.429.	-
20.	Experimental Utilisation of The Industrial Waste and Neyveli Ball Clay in the Portland Cement	M.Gunasekaran K.Nirmalkumar M. P. Iniya	Journal of Environmental Protection and Ecology	Vol 24, issue 2, pp485-493	2023	Q4	0.507	Scopus / UGC Care
21.	An Experimental Study on the Translucent Concrete Incorporating Optical Fibres	M. Gunasekaran M. P. Indhu, K. Nirmalkumar M. P. Iniya	Journal of Environmental Protection and Ecology	Vol 24, issue 2, pp516-525	2023	Q4	0.507	Scopus/ UGC Care
22.	Performance of High-Strength Concrete with Partial Replacement of Magnesium Phosphate Cement	T. Ravishankar, V. Revathi	Journal of Environmental Protection and Ecology	Vol 24, Issue 3, pp 838 - 847	2023	Q4	0.507	Scopus/ UGC Care
23.	Durability studies in alkaline activated systems (metakaolin - bottom ash): A prospective study	M. Logesh Kumar, V. Revathi	Boletín de la Sociedad Española de Cerámica y Vidrio	Vol 62, Issue 1,	Feb 2023	Q2	2.53	Scopus/ UGC Care
24.	Review on GGBS - RHA Based Geopolymer Concrete	M.Arhibu Nithi, P.Hema, V. Revathi	Gradiva Review Journal	vol.9, No.5, pp.1641-1644	2023	-	6.1	-
25.	Durability of Geopolymer Concrete Made with GGBS And RHA - A Review',	Sathiyaruba, P.Hema, V. Revathi	Gradiva Review Journal	vol.9 No.5, pp. 1645-1648	2023	-	6.1	-

26.	A Study of Quality Control Management in Construction Industry	S.B Dhinakaran S.Elango	International Journal of Novel Research and Development	Vol 8, Issue 5 pp650-704	May 2023	-	8.76	-
27.	Field investigation on ergonomics risk aspects of labour in construction site	P.Sudha J.Radhakrishnan	International Journal of Novel Research and Development	Volume 8, Issue 6 Pp 280-295	June 2023	-	8.76	-
28.	Economical Cost Control and Duration Analysis in Repair and Rehabilitation of Building	S.Eraibalan R.Babu	International Journal of Novel Research and Development	Volume 8, Issue 4 pp G36-G48	April 2023	-	8.76	-
29.	Experimental investigation on partial replacement of fine aggregate by halite in high performance concrete	K.Selvakumar, G.Sowmiya	International Journal of Novel Research and Development	Volume 8, Issue 4 pp G708-G714	April 2023	-	8.76	-
30.	Review of Substitute Materials for Green Concrete	B. Suresh T. Vijayashankar	International Research Journal of Modernization in Engineering Technology and Science	Vol 05 Issue:03 pp 288-292	March 2023	-	7.868	-
31.	Experimental Study of High Strength Geopolymer Concrete with Alumina-Silica Materials	T.Santhosh Kumar T.Vijayashankar V.Revathi	Gradiva Review Journal	Vol9 Issue 5 pp 1908-1913	May 2023	-	6.1	-
32.	Improving Banking Information Security with Modular Encryption Standards in Cloud Computing	L.Dheiveegam A.Rajivkannan T.Vijayashankar	Gradiva Review Journal	Vol 9 Issue 6 pp 155-169	May 2023	-	6.1	-
33.	Experimental Study on Geopolymer Concrete Using Admixtures of Fly Ash and GGBS	R.Mukesh S.Saravana Ganaesh	Gradiva Review Journal	Vol 9 Issue 6 pp 507-511	May 2023	-	6.1	-
34.	Analyze and Investigate on Behaviour of RC Beams Using a Rebar Coupler	Mujeebur Rahman D P Prasanthni	Gradiva Review Journal	Vol 9 Issue 6	May 2023	-	6.1	-

				pp 306-311				
35.	Assessment of Substantial's solidarity parts with incomplete Fine Totals found in Copper Slag	K. Selva kumar A.Thasmeena N. R. Rahul	International Journal of Advances in Engineering and Management	Vol 5, Issue 4 pp1434-1444	April 2023	-		-
36.	Experimental Investigation on Transparency of Concrete Using Optical Fibre,	R.Sathiyaraj S.Elango	Gradiva Review Journal	Vol 9 Issue 6 pp 887-893	May 2023	-	6.1	-
37.	Development of Innovative System to Aid The Construction Industry	N.Yogiraja R.Babu S.Senthilkumar	International Journal of Novel Research and Development	Volume 8, Issue 4 Pp F279-283	April 2023	-	8.76	-
38.	Qualitative Study of Surface and Ground Water in and Around Komarapalayam Region	Muralimohan N Santhosh Kumaar K Sudha P, Neetha Delphin Mary K, Dineshkumar G	Recent Advances in Sciences, Engineering, Information Technology & Management	AIP Conf. Proc. 2782 020169-1- 020169-6;	June 2023	-	0.251	Scopus/ UGC Care
39.	Investigation on hybrid fiber reinforced concrete beam with basalt and polyester fiber	Dineshkumar G Prasanthni P Muralimohan N Sudha P; Santhosh Kumaar K	Recent Advances in Sciences, Engineering, Information Technology & Management	AIP Conf. Proc. 2782, 020171-1- 020171-10;	June 2023	-	0.251	Scopus/ UGC Care
40.	Assessing ground water quality index using GIS	Santhosh Kumar Muralimohan N; Sujith Kumar Gunasekaran S Sanjay K	Recent Advances in Sciences, Engineering, Information Technology & Management	AIP Conf. Proc. 2782, 020170-1- 020170-7;	June 2023	-	0.251	Scopus/ UGC Care
41.	Strength attributes of clay and coconut shell as a partial substitute for cement and coarse aggregate in concrete	Sudha P Muralimohan N, Santhosh Kumaar K	Recent Advances in Sciences, Engineering,	AIP Conf. Proc. 2782, 020172-1- 020172-8;	June 2023	-	0.251	Scopus/ UGC Care

		Dineshkumar G Prasanthni P	Information Technology & Management					
42.	Experimental Study on latex modified Basalt Fiber Concrete	P.Sunil Jerome A.Thomas Eucharist	Gradiva Review Journal	Vol 9 issue 6 2 pp708-712	June 2023	-	6.1	-
43.	An Experimental Study on Geo polymer Concrete with Steel Slag as fine Aggregate	T.Vijayashankar, V.Naveen, S.Vineeth	International Journal of Advances in Engineering and Management (IJAEM)	Volume 5, Issue 4, pp: 1325-1330	April 2023	-	6.18	-