

**K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE – 637215**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**2023-2024**  
**LIST OF PAPERS PUBLISHED**

2023-2024								
Sl. No	Title of the Paper	Name of the Author/s	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.	Assessment of Strength of Concrete containing ESP and IESP as Partial Cement Replacement	S. Senthilkumar K. Sargunan, S. Elango	Journal of Environmental Nanotechnology	Vol. 12 Iss 3 pp. 01-09	Sep 2023	Q4	-	Scopus
2.	Interpolation and extrapolation of flexural strength of rubber crumbs and coal ash with graphene oxide concrete	A Alex Rajesh, S Senthilkumar, K Sargunan , G N Gobinath	REVISTA MATERIA	Vol .28, No .4	2023	Q4	0.54	Scopus
3.	Optimizing electrokinetic treatments for enhanced mortar durability: ionic migration and microstructural analysis	R. Priyanka V Revathi R Selvaraj	REVISTA MATERIA	Vol .28, No .4	2023	Q4	0.54	Scopus
4.	Evaluation Of Groundwater Quality For Sustainable Drinking And Irrigation	K Thirupathi Rao Syed Omar Ballari N Muralimohan, G Dineshkumar, M Anil, Syed Riyaz	Material Science And Technology	Vol.22 No.10	Oct 2023	Q4	1.72	Scopus

5.	Contamination of Groundwater Assessment in Hard Rock Aquifer by using Geographic Information System (Drastic Model) in the Thirumanimuthar Sub-basin, South India	S. Mohana, N. Muralimohan, K. Vidhyaa	Doklady Earth Sciences,	DOI: 10.1134/S1028334 X23601700	accepted Sep29, 2023	Q2	0.95	Scopus
6.	Optimal proportional combinations of rubber crumbs and steel slag for enhanced concrete split tensile strength	A Alex Rajesh , S Senthilkumar , S Samson	REVISTA MATERIA	DOI: <a href="https://doi.org/10.1590/1517-7076-RMAT-2023-0206">https://doi.org/10.1590/1517-7076-RMAT-2023-0206</a>	Accepted on 14/09/2023	Q4	0.54	Scopus
7.	Mechanical properties of coal ash concrete in the presence of graphene oxide	P. Prasanthni B. Priya G. Dineshkumar, G.N. Gobinath	International Journal of Coal Preparation and Utilization (Taylor & Francis Group)	<a href="https://doi.org/10.1080/19392699.2023.2284991">https://doi.org/10.1080/19392699.2023.2284991</a>	Accepted 13 November 2023	Q3	2.25	Scopus
8.	Importance and Benefits of Green Audits to Education Institutions and Industrial Sectors	D. A. Shahira Banu S. Sheela N. Muralimohan , N. Saranya , Amzad Basha Kolar V. Sri Santhya	International Journal of Environment and Climate Change	Vol 13, No 12, Pp 349-356,	2023	-	4.46	Others
9.	Influence of Aggressive Environment in Macro and Microstructural Properties of Bottom Ash Geopolymer Concrete	R. Saravanakumar K. S. Elango V. Revathi D. Balaji	Sustainability	16, 1732 <a href="https://doi.org/10.3390/su16051732">https://doi.org/10.3390/su16051732</a>	2024	Q1	3.9	Scopus
10.	Enhancing PVCC beam performance through PVA fiber and basalt fabric in sustainable construction: ductility, strength, and	P. Prasanthni , B. Priya, T. Palanisamy, G. Dineshkumar	REVISTA MATERIA	Vol 29, No 1,  DOI: <a href="https://doi.org/10.1590/1517-7076-RMAT-2023-0299">https://doi.org/10.1590/1517-7076-RMAT-2023-0299</a>	2024	Q4	0.54	Scopus

	energy absorption improvements							
11.	Study of mechanical properties of self-adhesive mortars with sugar cane bambasse ash and silica activator	P. Sudhaa, S. Ramesh, R. Jagadeesan K. Yuvaraj	Journal of Ceramic Processing Research.	Vol. 25, No. 1, pp. 1~15	(2024)	Q3		Scopus