

**K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215 (Autonomous)**

**Department: Civil Engineering**

**Journal Publications**

<b>Academic year</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Scopus/ WOS</b>	<b>Others</b>	<b>Total</b>
<b>2023-24</b>	-	-	-	6	6	-	<b>6</b>
<b>2022-23</b>	1	2	4	8	16	21	<b>37</b>
<b>2021-22</b>	1	6	1	-	8	14	<b>22</b>
<b>2020-21</b>	-	1	-	2	4	12	<b>16</b>
<b>2019-20</b>	1	1	2	1	6	16	<b>22</b>
<b>2018-19</b>	-	1	-	1	5	10	<b>15</b>
<b>2017-18</b>	3	-	-	2	7	18	<b>25</b>
<b>Total</b>	<b>6</b>	<b>11</b>	<b>7</b>	<b>20</b>	<b>52</b>	<b>91</b>	<b>143</b>

### Journal Publications Details

Sl. No	Title of the Paper	Name of the Author/s	Name of the Journal	Vol No, Issue No & pp	Year and Month of Publication	Category Q1/Q2/Q3/Q4	UGC Care list/ Scopus/Web of Science /other
2023-24							
1.	Experimental Studies on Lightweight Cementitious Composite's Performance	N Jeyapremraj M Gunasekaran	Applied Mathematics & Information Sciences <b>Impact factor 1.07</b>	Vol 19, Issue 2 pp 401-410	July 2023	Q4	Scopus
2.	An Experimental Investigation of Grout with Quartz Power	M SaravanaPrabhu S Dinesh Kumar M Gunasekaran	Applied Mathematics & Information Sciences <b>Impact factor 1.07</b>	Vol 20, Issue 3, pp 681-690	July 2023	Q4	Scopus
3.	Geopolymer Bricks under Scrutiny: Researching their Feasibility and Potential Applications	V Subramanian S Senthilkumar M Gunasekaran	Applied Mathematics & Information Sciences <b>Impact factor 1.07</b>	Vol 20, Issue 3, Pp 651-660	July 2023	Q4	Scopus
4.	Performance and Behavior of Concrete with Partial Replacement of Cement, Carbon Black, and Natural Fine Aggregate	D. Jayakumar P. Sudha M. Gunasekaran N. Muralimohan	Advances in Science and Technology Research Journal <b>Impact factor 1.12</b>	Vol 19, Issue 2 pp 401-410	Aug 2023	Q4	Scopus / Web of Science
5.	A Pervious Concrete Durability Study with Marble Powder as a Fractional Substitute of Cement	G Meenakshi Sundaram, S.Senthilkumar D.Kanagaraj S.Elango M.Gunasekaran	Advances in Science and Technology Research Journal <b>Impact factor 1.12</b>	Vol 19, Issue 2 pp351-360	Aug 2023	Q4	Scopus/ Web of Science
6.	Extracts From Cost Overruns, Delays, and Risk Management	N. Sakthivelu S. Senthilkumar M. Gunasekaran	Advances in Science and Technology Research Journal	Vol 19, Issue 2 pp 381-390	Aug 2023	Q4	Scopus/ Web of Science

			Impact factor 1.12				
2022-23							
1.	Experimental Studies on Ambient Cured Self-Compacting Geopolymer Concrete Made With GGBS and Bottom Ash	Karthick Palanisamy Revathi Vaiyapuri	Romanian Journal of Materials <b>Impact factor 0.13</b>	Vol 52 Issue 4 pp 385 - 393	2022	Q4	Scopus/ Web of Science
2.	Assessment on durability of lightweight concrete using alkali modified fly ash based artificial coarse aggregate (FACA)	AjmalMuhammed Palanisamy T Senthilkumar S	International Journal of Coal Preparation and Utilization <b>Impact factor 2.791</b>	<a href="https://doi.org/10.1080/19392699.2022.2139248">https://doi.org/10.1080/19392699.2022.2139248</a>	Oct 2022	Q2	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 <b>Impact factor 1.541</b>	doi: 10.20964/2022.12.101	Dec 2022	Q4	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 <b>Impact factor 6.663</b>	<a href="https://doi.org/10.1016/j.uclim.2023.101482">https://doi.org/10.1016/j.uclim.2023.101482</a>	Mar 2023	Q1	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 <b>Impact factor 3.927</b>	Vol 56 issue 4 pp 365-372	2022	Q2	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 <b>Impact factor 0.959</b>	Vol 21 issue 2, pp329-337	Aug 2022,	Q3	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 <b>Impact factor 0.959</b>	Vol 21 issue 3 pp 678-691	Dec 2022,	Q3	Scopus / Web of Science
8.	Performance Analysis of Externally Strengthened Beam-Column Joint Using Basalt Fibre Fabric Under Cyclic Loading	Gokila G G.Dineshkumar	Journal of Environmental Protection and Ecology <b>Impact factor 0.507</b>	Vol 23 issue 5 pp 1974-1984	2022	Q3	Scopus/UGC Care

9.	Treatment of Tanning Effluent Using Seaweeds and Reduction of Environmental Contamination	Sampathkumar S. Southamirajan, Elango Subramani, Senthilkumar Veerasamy, D.Ambika, Dineshkumar G. E. Arunkumar K. Raja, S. Arulmozhi , DhivyaBalamoorthy	Journal of Chemistry (hindawi) <b>Impact factor 3.00</b>	Volume 2022, Article ID 7836671, <a href="https://doi.org/10.1155/2022/7836671">https://doi.org/10.1155/2022/7836671</a>	2022	Q4	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 <b>Impact factor 1.87</b>	<a href="https://doi.org/10.1007/s40996-023-01054-5">https://doi.org/10.1007/s40996-023-01054-5</a>	Feb 2023	Q3	Scopus/Web of Science
11.	Confinement effectiveness of 2900psi concrete using the extract of Euphorbia tortilis cactus as a natural additive	Loganathan Pattusamy, Mohanraj Rajendran , Senthilkumar Shanmugamoorthy , Krishnasamy Ravikumar	Revistamatria <b>Impact factor 0.54</b>	Vol 28 Issue 1	Nov 2022	Q4	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. <b>Impact factor 1.34</b>	Vol. 23, Issue. 6, pp. 892~901	Oct 2022	Q4	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 <b>Impact factor 0.41</b>	AIP Conf. Proc. 2690, 020004-1- 020004-6; <a href="https://doi.org/10.1063/5.0120073">https://doi.org/10.1063/5.0120073</a>	March 2023	-	-
14.	Strength and Durability of E-Plastic Waste Concrete Incorporating Quarry Dust	Kanagaraj A. KalaiyaPandian	International Research Journal of Modernization in	Vol 4 Issue 7 Pp 1223-1227	July 2022	-	-

			Engineering Technology and Science <b>Impact Factor 6.752</b>				
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 <b>Impact Factor 6.752</b>	Vol 4 Issue 12 Pp 618-622	Dec 2022	-	-
16.	A Brief Study on Geopolymer Concrete - Review Paper	SanthoshKumar. T Vijayashankar. Yokhesh.C	International Research Journal of Modernization in Engineering Technology and Science <b>Impact Factor 6.752</b>	Vol 04 Issue 12 pp 1272-1277	Dec 2022	-	-
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 <b>Impact Factor 9.907</b>	Vol4, Issue 3 pp: 326-328.	June 2023	-	-
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 <b>Impact Factor 9.907</b>	Vol 4, Issue 2 pp: 586-590.	April 2023	-	-
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 <b>Impact factor 7.429.</b>	Vol 5, Issue 4 pp: 1259-1263	April 2023	-	-
20.	Experimental Utilisation of The Industrial Waste and Neyveli Ball Clay in the Portland Cement	M.Gunasekaran K.Nirmalkumar M. P. Iniya, M. P. Indhu	Journal of Environmental Protection and Ecology <b>Impact factor 0.507</b>	Vol 24, issue 2, pp485-493	2023	Q4	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 <b>Impact factor 0.507</b>	Vol 24, issue 2, pp516-525	2023	Q4	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 <b>Impact factor 0.507</b>	Vol 24, Issue 3, pp 838 - 847	2023	Q4	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 <b>Impact factor 2.53</b>	Vol 62, Issue 1,	Feb 2023	Q2	Scopus/UGC Care
24.	Review on GGBS - RHA Based Geopolymer Concrete	M.Arhipu Nithi, P.Hema, V. Revathi	Gradiva Review Journal <b>Impact factor 6.1</b>	vol.9, No.5, pp.1641-1644	2023	-	-
25.	Durability of Geopolymer Concrete Made with GGBS And RHA - A Review',	Sathiyaruba, P.Hema, V. Revathi	Gradiva Review Journal <b>Impact factor 6.1</b>	vol.9 No.5, pp. 1645-1648	2023	-	-
26.	A Study of Quality Control Management in Construction Industry	Dhinakaran.S.B V.Revathi, S.Elango	International Journal of Novel Research and Development <b>Impact factor 8.76</b>	Vol 8, Issue 5 pp650-704	May 2023	-	-
27.	Field investigation on ergonomics risk aspects of labour in construction site	P.Sudha J.Radhakrishnan	International Journal of Novel Research and Development <b>Impact factor 8.76</b>	Volume 8, Issue 6 Pp 280-295	June 2023	-	-
28.	Economical Cost Control and Duration Analysis in Repair and Rehabilitation of Building	S.Eraibalan R.Babu	International Journal of Novel Research and Development <b>Impact factor 8.76</b>	Volume 8, Issue 4 pp G36-G48	April 2023	-	-
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	April 2023	-	-

			<b>Impact factor 8.76</b>	pp G708- G714			
30.	Review of Substitute Materials for Green Concrete	B. Suresh T. Vijayashankar	International Research Journal of Modernization in Engineering Technology and Science <b>Impact Factor- 7.868</b>	Vol 05 Issue:03 pp 288-292	March 2023	-	-
31.	Experimental Study of High Strength Geopolymer Concrete with Alumina-Silica Materials	T.Santhosh Kumar T.Vijayashankar V.Revathi	Gradiva Review Journal <b>Impact factor 6.1</b>	Vol9 Issue 5 pp 1908-1913	May 2023	-	-
32.	Improving Banking Information Security with Modular Encryption Standards in Cloud Computing	L.Dheiveegam A.Rajivkannan T.Vijayashankar	Gradiva Review Journal <b>Impact factor 6.1</b>	Vol 9 Issue 6 pp 155-169	May 2023	-	-
33.	Experimental Study on Geopolymer Concrete Using Admixtures of Fly Ash and GGBS	R.Mukesh S.Saravana Ganaesh	Gradiva Review Journal <b>Impact factor 6.1</b>	Vol 9 Issue 6 pp 507-511	May 2023	-	-
34.	Analyze and Investigate on Behaviour of RC Beams Using a Rebar Coupler	Mujeebur Rahman D P Prasanthni	Gradiva Review Journal <b>Impact factor 6.1</b>	Vol 9 Issue 6 pp 306-311	May 2023	-	-
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 <b>Impact factor 6.1</b>	Vol 9 Issue 6 pp 887-893	May 2023	-	-
37.	Development of Innovative System to Aid The Construction Industry	N.Yogiraja R.Babu S.Senthilkumar	International Journal of Novel Research and Development <b>Impact factor 8.76</b>	Volume 8, Issue 4 Pp F279-283	April 2023	-	-
<b>2021-22</b>							
1.	<u>D</u> urability Performance on Alkali Activated Metakaolin and Bottom Ash Based Geopolymer Concrete	M. Logesh Kumar, V. Revathi	Boletín de la Sociedad Española de Cerámica y Vidrio, (Science Direct)	DOI:10.21203 /rs.3.rs-703480/v1	July 2021	Q2	Scopus/Web of Science

			<b>Impact factor 2.53</b>				
2.	Ambient Cured high calcium fly ash geopolymer concrete with dolomite powder'	V.C.Prabha, V.Revathi, S Sivamurthy Reddy	European Journal of Environmental and Civil Engineering <b>Impact factor 2.187</b>	Vol 26, Issue 15 pp 7857-7877	Dec 2021	Q2	Scopus/Web of Science
3.	Profound probing of Groundnut Shell Ash (GSA) as pozzolanic material in making innovative sustainable construction material	P.V. Premalatha, S. Senthil Kumar, C.S. Murali, K. VetriAadithiya	Materials Today: Proceedings <b>Impact factor 2.59</b>	Vol 49, Part 5, pp 1275-1280	2022	Q2	Scopus/Web of Science
4.	Experimental study on self-compacting concrete using light weight aggregate	KS Elango, D Vivek, S Anandaraj R Saravanakumar, J Sanfeer, S Saravanaganesh	Materials Today: Proceedings <b>Impact factor 2.59</b>	Volume 60, Part 3, pp 1362-1366	2022	Q2	Scopus/Web of Science
5.	Experimental investigations on mechanical strength of concrete using nano-alumina and nano-clay	<u>K.Sargunan</u> <u>M.Venkata Raob</u> <u>A.Alex Rajesh</u> R.Babu <u>P.Prasanthni</u> <u>K.Jagadeep</u>	Materials Today: Proceedings <b>Impact factor 2.59</b>	Volume 62, Part 8, pp 5420-5426	2022	Q2	Scopus/Web of Science
6.	Study On Lean Practices Implementation Issues In Indian Construction Industry	N.Murali mohan S.Aravindh	International Journal of Scientific Research in Engineering and Management <b>Impact factor7.185</b>	Vol 06 Issue 07	July 2022	-	-
7.	Household grey water treatment using phytoremediation technology and Caps Net model	Neetha Delphin Mary Kulandaiswamy, Muralimohan Nithyanandam, Vijayalakshmi Palanivel	Plant and Soil <b>Impact Factor 4.75</b>	<a href="https://doi.org/10.1007/s11104-022-05539-6">https://doi.org/10.1007/s11104-022-05539-6</a>	June 2022	Q1	Scopus/Web of Science
8.	Identification of Groundwater Contamination in Namakkal Region using GIS	P Tamilchelvan, N Muralimohan	Emperor Journal of Applied Scientific Research <b>Impact Factor 0.10</b>	Vol. 4 Issue-02	Feb 2022	-	-



9.	Biological Treatment of Municipal Solid Waste in Erode Corporation, Tamilnadu, India	K. Neetha Delphin Mary S.Mohan , N.Muralimohan , K.Vidhya , P.Tamilchelvan	Emperor Journal of Applied Scientific Research <b>Impact Factor 0.10</b>	Vol. 4 Issue-02 pp1-10	2022	-	-
10.	Synthesis and Enhanced Photocatalytic Activity of Zinc Oxide- Based Nanoparticles and Its Antibacterial Activity	R. Ragunathan , Sampathkumar Velusamy , Jothi Lakshmi Nallasamy, Manoj Shanmugamoorthy , Jesteena Johny,1 Senthilkumar Veerasamy, Dineshkumar Gopalakrishnan, Muralimohan Nithyanandham,5 Dhivya Balamoorthy and Prabu Velusamy	Journal of Nanomaterials <b>Impact Factor 3.791</b>	Vol 2022 Pp1-9	Jun 2022	Q3	Scopus/Web of Science
11.	Strength Studies on Geo-Polymer Concrete by Using Fly Ash and Quarry Dust	S.Saravanaganesh , S.Mayilsamy P.Prasanthni, K.Vigneshwaran	International Journal of Precious Engineering Research and Applications <b>Impact Factor 6.465</b>	Vol 7 Issue 1 Pp26-33	2022	-	-
12.	Experimental Study on geopolymers concrete using Heavy Weight Aggregate	T. Vijayashankar .Girinath, S. Dineshkumar, S. Saravanaganesh	International Research Journal of Modernization in Engineering Technology and Science <b>Impact Factor 6.752</b>	Vol 4 Issue 6 Pp4663-4667	2022	-	-
13.	Partial Permutation of Cement by Chicken Eggshell Powder in Concrete	K. Sargunan A. Alex Rajesh V. Sobiya	Indian Journal of Natural Sciences <b>Impact Factor 2.452</b>	Vol 13 Issue 72	2022	-	-

				Pp 41951-41958			
14.	Experimental Investigations of Making Flexible Pavement of Locally Available Waste as Well as Natural Materials	S. Elango S. Senthilkumar M. Pradeep K. Vigneshwaran	International Research Journal of Modernization in Engineering Technology and Science <b>Impact Factor 6.752</b>	Vol 4 Issue 7 Pp882-886	2022	-	-
15.	Experimental Investigation on Plastic Sand Aggregate as a Partial Replacement for Coarse Aggregate in Concrete	K. Balamurugan Prasanthni	International Research Journal of Modernization in Engineering Technology and Science <b>Impact Factor 6.752</b>	Vol 04 Issue 07 Pp1228-1234	June 2022	-	-
16.	An Analytical Study of the Key Barriers in Construction Project Coordination	S.Ramprasath P.Prasanthni	International Journal of Scientific Research in Engineering and Management <b>Impact Factor 7.185</b>	Vol 6 Issue 7 Pp1-3	June 2022	-	-
17.	Mechanical Properties of Concrete Using Oyster Shells as Coarse Aggregate	P. Kanaka, S. Southamirajan S. Elango , K. Samruda R.A. Akshaya	Materials Research Forum LLC <b>Impact Factor 1.62</b>	Vol 23 Pp83-89	2022		
18.	Enhanced Biodegradation of Battery-Contaminated Soil Using Bacillus sp. (MZ959824) and Its Phytotoxicity Study	P. Raag Harshavardhan S. Anandakumar U. Vasavi , T. Pradeep P. Mageshkumar J. JESTEENA Johnney, R. Ragunathan , P. Sudha V. Sampathkumar and B. Dhivya	Advances in Materials Science and Engineering <b>Impact Factor 2.098</b>	Vol2022 Pp1-7	2022	Q2	Scopus
19.	An Experimental Study on Paper Crete Bricks Manufactured Using Paper Pulp Lime Cement And Fly Ash	P. Sudha S. Brindha	International Research Journal of Modernization in Engineering	Vol 4 Issue 7 Pp 1005-1009	2022	-	-

			Technology and Science <b>Impact Factor 6.752</b>				
20.	Development of Green Building Construction Schemes to Reduce Development Footprint In Building	R Monisha K Selvakumar	International Journal of Scientific Research in Engineering and Management <b>Impact Factor 7.185</b>	Vol 6 Issue 7 Pp1-4	2022	-	-
21.	Seismic Analytical Study of RC And Steel Structures With Lead Rubber Bearing in Dampers Using ETABS	N Prabakar V Revathi	International Research Journal of Engineering and Technology <b>Impact Factor 8.226</b>	Vol 9 Issue 7 Pp669-673	2022	-	-
22.	A Detailed Report on Quality Control Management in Construction	T Suthanraj V Revathi	International Journal of Scientific Research in Engineering and Management <b>Impact Factor 7.185</b>	Vol 6 Issue 7 Pp 1-4	2022	-	-
<b>2020-21</b>							
1.	Mechanical and Durability Studies on Pervious Concrete Using Different Types of binders	K.S.Elango V.Revathi	Romanian Journal of Materials <b>Impact factor 0.13</b>	Vol 50 Issue 2 Pp 258-267	2020	Q4	scopus/ Web of Science
2.	Flexural behaviour of self-compacting self-curing concrete with lightweight aggregates	R.Gopi V.Revathi	Materials Today: Proceedings (Elsevier) <b>Impact factor 2.59</b>	Vol 45 part 2 pp 2449-2455	2020	Q2	scopus/ Web of Science
3.	Geopolymer binder for pervious concrete	K.S.Elango V.Revathi	Grădevinar <b>Impact factor 0.992</b>	Vol 73 Issue 3 Pp 209-218	2021	Q4	scopus/ Web of Science
4.	Experimental Investigation on Plastic Sand Aggregate as a Partial Replacement for Coarse Aggregate in Concrete	M.Saravanan V.Revathi	International Journal of Trend in Scientific Research and Development <b>Impact factor 6.35</b>	Vol 5 Issue 4 Pp88-90	2021	-	-
5.	GIS Study on Impact of Urbanisation in Perundurai on Ground Water Quality	K Santhoshkumaar N Muralimohan	IOP Conference Series: material	1055012042 Pp1-7	2021	-	scopus

		K Ponkalidass, S Naveenkumar K Nirmalkumar	Science and Engineering <b>Impact factor 0.50</b>				
6.	Experimental Behaviour of steel Fiber Reinforced Concrete with Partial Replacement of fly ash and Metakolin	M.Sankaran M.Gunasekaran M.Loganathan	International journal of Trend in scientific Research and Development <b>Impact factor 6.350</b>		2020	-	-
7.	Study on Behavior of Permeable Concrete in the Utilization of Chemical Processing of Ash	M.Gunasekaran V.Geetha	International journal of Trend in scientific Research and Development <b>Impact factor 6.350</b>	Vol 5 Issue 3 Pp 828-831	2021	-	-
8.	Agricultural Waste Materials as Potential Adsorbent for Treating Industrial Waste Water	M.Gunasekaran S.Shanmathi A.K.Arunagiri Murugan	international journal of Trend in scientific Research and Development <b>Impact factor 6.350</b>	Vol 5 Issue 3 Pp 839-843	2021	-	-
9.	Study on Behaviour of Concrete with Artificial Substance and Metallurgical Slags	M.Gunasekaran S.Shanmathi	International Journal of Trend in Scientific Research and Development <b>Impact factor 6.350</b>	Vol 5 Issue 3 Pp 905-908	2021	-	-
10.	Experimental Study on ceramic tiles waste in concrete replacing of coarse aggregate	D.Kanagaraj T.Naveenkumar K.Dineshkumar	International Journal of Scientific Research and Development <b>Impact factor 6.350</b>	Vol 8 Issue 6 Pp 246-249	2021	-	-
11.	Study on Behaviour of Concrete By Replacing Cement Partially with Powdered Glass and Sandling Wood	A. Thomas Eucharist V.M.Kumara Venkateshwaran	International Journal of Trend in scientific Research and Development <b>Impact factor 6.350</b>	Vol 5 Issue 3 Pp 892-894	2021	-	-
12.	Study on Waste Management and Minimisation In Construction and Demolition Site	C Sandeep R Babu	International Journal for Science and Advance Research in Technology <b>Impact factor 7.883</b>	Vol 7 Issue 4 Pp 377-379	2021	-	-

13.	Investigation of Strength Parameters of Fiber Reinforced Geopolymer Concrete Using Bottom Ash	T.Vijayashankar G.M.Sabarivelan	International Journal of Current Engineering and Scientific Research <b>Impact factor 0.695</b>	Vol 8 Issue 5 Pp 1-8	2021	-	-
14.	Strengthening of reinforced concrete beam with polyester resin bonded basalt fiber fabric	T.Mohanasundari P. Karthick	International Journal of Advance Research, Ideas and Innovations in Technology <b>Impact factor 6.078</b>	Vol 7 Issue 2 Pp 285-289	2021	-	-
15.	Study on quality management in construction	L.Anbu Saravanan, D.Kanagaraj	International Journal of Science and Advanced research in Technology <b>Impact factor 1.7494</b>	Vol 7 Issue 4 Pp 362-366	2021	-	-
16.	Simulation of storm water collecting systems in K.S.R. Educational Institutions (South Side)	K. Vijayakumar, R. Sridhar, K. Arun kumar, G. Tamilarasi	International Journal of Intellectual Advancements and Research in Engineering Computations <b>Impact factor 0.543</b>	Vol 8 Issue 3 Pp 498-503	2020	-	-
2019-20							
1.	Influence of Presaturated light expanded clay and fly ash aggregate in self-compacting concrete	R.Gopi, V.Revathi	Romanian Journal of Materials <b>Impact factor 0.13</b>	Vol 49 issue 3, pp370 -378	2019	Q4	Scopus/ Web of Science
2.	Potential Reuse of Treated Textile Effluent in Fly Ash Concrete	P. Ramya, V. Revathi S. Sivamurthy Reddy	ASTM Journal of Testing and evaluation <b>Impact factor 1.39</b>	Vol 47, Issue 6	2019	Q3	Scopus/ Web of Science
3.	Infiltration and clogging characteristics of pervious concrete	K.S.Elango, V.Revathi	Asian Journal of Civil Engineering (Springer) <b>Impact factor 1.90</b>	Vol 20, pp1119-1127	2019	Q3	Scopus/ Web of Science
4.	Microstructural Properties of Alkali-Activated Metakaoli ad Bottom Ash Geopolymer	M. Logesh Kumar V. Revathi	Arabian Journal for Science and Engineering (Springer)	Vol 45, pp4235-4246	2020	Q1	Scopus/ Web of Science

			<b>Impact factor 2.807</b>				
5.	Mechanical behaviour of fly ash artificial coarse Aggregate (faca) in concrete (faca crete)	Ajmal Muhammed T. Palanisamy, S. Senthil Kumar	journal Materiali in tehnologije / Materials and Technology <b>Impact factor 3.927</b>		2019	Q2	Scopus/ Web of Science
6.	Assessment of groundwater pollution and remediation - A review	S.Mohan N.Muralimohan K.Vidya C.T.Sivakumar	International research journal of multi disciplinary Technovation	Vol1 Issue 6 pp 650-657	2019	-	-
7.	Mapping of vehicular noise pollution using gis	K Santhoshkumaar N Muralimohan A Sathiyaseelan G Santhosh S Sanjaikumar	International Journal of Advanced Science and Technology <b>Impact factor 0.251</b>	Vol 29 Issue 5 Pp 1114-1119	2020	-	-
8.	Experimental investigation on Torsional behavior of Beam-Column joint wrapped with aramid fiber	M.Gunasekaran M.Lognathan	International Journal of Trend in Scientific Research and Development <b>Impact factor 6.350</b>	Volume 5 Issue 11 Pp203-205	Nov 2019	-	-
9.	Performance Evaluation of Hybrid Fiber Reinforced Concrete Using Copper Slag As Replacement Material of Fine Aggregate	P.Saranya, V.C.Prabha	International Journal of Trend in Scientific Research and Development <b>Impact factor 6.350</b>	Vol 5 Issue 1 Pp 829-832	Feb 2020	-	-
10.	Sway of resources overrun with risk mitigation in hills construction	S. Muralitharan U. Karunya, J. Grijasri, V. C. Prabha	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Vol 5 Issue 1 Pp 412-422	2020	-	-
11.	Durability studies on hybrid fiber reinforced concrete using copper slag as replacement material of fine aggregate	P.Saranya V.C.Prabha	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Vol 5 Issue 1 Pp 443-449	Feb 2020	-	-
12.	Experimental analysis of the use of coconut shell as a coarse aggregate in concrete,	G.Tamilarasi G.Vairamani R.Lavanya	International Journal of Intellectual Advancements and	Vol 8 Issue 1 Pp 61-67	2020	-	-

			Research in Engineering Computations,				
13.	Experimental Study on Plastic Waste as a Coarse Aggregate for Structural Concrete	D.Kanagaraj A.Saravanan	International Journal of Scientific Research and Development <b>Impact factor 6.350</b>	Vol 4 Issue 1 Pp 1-5	Dec 2019	-	-
14.	Experimental Study on High Performance Concrete by Using Partial Replacement of Copper Slag and Fly Ash	J.Grijasri U.Karunaya A. Thomas Eucharist	International Journal of Trend in scientific Research and Development <b>Impact factor 6.350</b>	Vol 4 Issue 3 Pp 374-378	2020	-	-
15.	A beeline for cost management in construction administration	K.Selvakumar S.Elango V. Mervin	International Journal of Intellectual Advancements and Research in Engineering Computations <b>Impact factor 0.543</b>	Vol 8 Issue 1 Pp 100-112	2020	-	-
16.	Cost Assessments of Different Grades of Concrete by Different Mix Design Methods	Revansidappa R.Gopi R.Saravanakumar S.Dineshkumar S.Saravanaganesh A.Chandrasekar	Journal of Critical Reviews <b>Impact factor 0.16</b>	Vol 7 Issue 12 Pp 682-685	May 2020	-	scopus/ Web of Science
17.	Experimental Study on Utilization of Hybrid Fibers in Self-Compacting Concrete	S. Janani, P. Karthick	International Journal of Trend in Scientific Research and Development <b>Impact factor 6.350</b>	Vol 4 Issue 2 Pp 921-924	Feb 2020	-	-
18.	Mechanical and durability properties of self-compacting concrete by utilization of hybrid fibers	S. Janani U. Karunya, P. Karthick	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Vol 5 Issue 1 Pp 457-454	2020	-	-

19.	A Review on Impact of Chicken Egg Shell Powder on Strength Characteristics of Cement Concrete	Sugirtha, M S Sargunan, K	International Research Journal of Multidisciplinary Technovation	Vol 1 Issue 6 Pp 405-410	Nov 2019	-	-
20.	A Review on Perspective Impact of Egg Shell Powder on Durability Behaviour of Cement Concrete	S. Deepak, K. Sargunan	International Research Journal of Multidisciplinary Technovation	Vol 1 Issue 6 Pp 400-404	Nov 2019	-	-
21.	A review of strength properties of high performance concrete using various fibers	A.Alexrajesh S.Venkateshwaran	International Research Journal of Multidisciplinary Technovation	Vol 1 Issue 6 Pp 411-415	Nov 2019	-	-
22.	Durability Studies on Copper Slag and Fly Ash in High Performance Concrete	J. Grijasri U. Karunya , S. Muralitharan A. Thomas Eucharist	International Journal of advanced science and engineering research <b>Impact factor 0.251</b>	Vol 5, Issue1,	2020	-	-
<b>2018-19</b>							
1.	Production of sludge incorporated paver blocks for efficient waste management	P. Velumani, S. Senthilkumar	Journal of the Air & Waste Management Association <b>Impact factor 2.78</b>	Vol 68 Issue 6 Pp 626-636	2018	Q2	Scopus/ Web of Science
2.	Exploitation of Crumb Rubber in Cement Concrete as Fine Aggregate	A. Alex Rajesh, S. Senthilkumar	Ecology, Environment and Conservation <b>Impact factor 0.34</b>	Vol 24 Pp 1-4	2018	-	Scopus/ Web of Science
3.	Protect the Ecology by Means of Using Industrial Waste as Pond-Ash in Making Artificial Aggregates	R. Jagadeesan, S. Senthilkumar	Ecology, Environment and Conservation <b>Impact factor 0.34</b>	Vol 24 Pp 22-24	2018	-	Scopus/ Web of Science
4.	A Holistic Study on Sustainable Concrete Matrix Infused by Eggshell Powder	K.Sargunan S.Senth ilKumar	Ecology, Environment and Conservation <b>Impact factor 0.34</b>	Vol 24 Pp s56-s59	2018	-	Scopus/ Web of Science
5.	Bottom Ash Based Geopolymer Concrete Paver Blocks	V. Revathi, K. S. Elango, R. Kalaimani	International Journal of Advances in	Vol 6 Issue 1 Pp 32-37	2018	-	-



			Mechanical and Civil Engineering <b>Impact factor 3.664</b>				
6.	Geopolymer mortar incorporating high Calcium fly ash and silica fume	V.C.Prabha V.Revathi	Archives of Civil Engineering <b>Impact factor 0.256</b>	Vol 63 Issue 1 Pp 3-15	2018	Q4	Scopus/ Web of Science
7.	Investigation on strengthening on concrete with partial replacement of dolomite and M-sand for cement and fine aggregate	S Muthukumar N Muralimohan P Sudha	International Journal of research in engineering science and Management <b>Impact factor 5.719</b>	Vol 6 Issue 1 Pp 32-3	2019	-	-
8.	Experimental study on self-healing concrete	D.Kanagaraj, K.Ashwath	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Vol 4, Issue 1 Pp 36-39	April 2019	-	-
9.	Study on Mivan Formwork Technology Based on cost and Duration	D.Kanagaraj, K.Ashwath	International Journal of Intelligence Research <b>Impact factor 1.31</b>	Volume 13,	June 2019	-	-
10.	Replacement of Fine aggregate with Fly Ash Aggregate"	D.Kanagaraj	International Journal of Scientific Research and Development <b>Impact factor 6.350</b>	Vol. 7, Issue 02, Pp2058-2059	2019	-	-
11.	Experimental investigation on utilization of waste materials in fly ash brick	S.Elango K.Selvakumar S. Indhu	International Journal of Intellectual Advancements and Research in Engineering Computations <b>Impact factor 0.543</b>	Vol 7 Issue-2 Pp3043-3057	2018	-	-
12.	Build ability Assessment in Indian Construction Industry	M Gobinath R Babu	International Journal for Scientific Research &Development	Vol. 7, Issue 01, pp 973-975	2019	-	-
13.	Feasibility Studies on Waste Glass Powder	N.Sudharsan, S.Saravanaganesh	International Journal of Innovative	Vol 8 Issue-8	June, 2019	-	-

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14.	Experimental Investigation on Partial Replacement of Quarry Dust by Copper Slag in Flyash Brick Manufacturing	Vijayashankar L.Kathiravan P.Keerthivalavan S.Murali M.Sarathkumar	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Volume: 3, Issue: 1, Pp 70-77	2018	-	-
15.	Properties of Concrete With Partial Replacement of Coarse Aggregate By Rubber Tyre	Gayathri R, Alex Rajesh A, Senthil Kumar S	International Journal of Scientific Research and Review	Volume 07, Issue 03, Pp 262-268	March 2019	-	-
<b>2017-18</b>							
1.	Influence of Change in pile diameter at various locations of a pile group in a berthing structure	P.V. Premalatha, S. Senthilkumar, K. Baskar	Indian Journal of Geo Marine Sciences	Vol 46 Issue 6 Pp 1198-	June 2017	Q4	Scopus / Web of Science
2.	Experimental investigation on properties of concrete by the addition of carbon fiber	S. Muthukumaran N.Muralimohan P. Sudha	Indian Journal of Scientific Research	Vol 17 Issue 1 Pp 100-106	Nov 2017	-	-
3.	A Case Study: Evaluation of Tannery Effluent	K. Neetha Delphin Mary N. Muralimohan	Indian Journal of Scientific Research	Vol 17 Issue 1 Pp 96-99	Nov 2017	-	-
4.	A Case Study: Assessment of Groundwater Quality Index around Namakkal District in Tamilnadu	P. Tamilchelvan N.Muralimohan	Indian Journal of Scientific Research	Vol 17 Issue 1 Pp 90-95	Nov 2017	-	-
5.	Determination of Physico-Chemical Nature and Water Quality Index of Groundwater in Northern Parts of Perundurai, Erode District on Seasonal Variation	K. Santhoshkumaar N.Muralimohan	Indian Journal of Scientific Research	Vol 17 Issue 1 Pp 85-89	Nov 2017	-	-
6.	A Case Study on -Textile Industrial Process, Characterization and Impacts of Textile Effluent	S. Mohan N. Muralimohan K.Vidhya C. T Sivakumar	Indian Journal of Scientific Research	Vol 17 Issue 1 Pp 80-84	Nov 2017	-	-
7.	Some Durability Aspects of Ambient Cured Bottom Ash Geopolymer Concrete	R.Saravanakumar, V.Revathi	Archives of Civil Engineering <b>Impact factor 0.256</b>	Vol 63 Issue 3 Pp 99-114	July 2017	Q4	Scopus / Web of Science

8.	A Review on Geopolymer Concrete	P.Hema, V.Revathi	International Journal of Latest Engineering and Management Research	Vol3 Issue 2 Pp 43-48	2018	-	-
9.	Effect of Type of Coarse Aggregate on the Strength properties and Fracture Energy of Normal and High Strength Concrete	K.P. Vishalakshi V. Revathi S. Sivamurthy Reddy	Engineering Fracture Mechanics	Vol 194 Issue 1 Pp 52-60	May 2018	Q1	Scopus/ Web of Science
10.	An investigation on strength and durability properties of polymer modified cement concrete	Muthukumaran N Muralimohan P Sudha	International Journal of Advanced research in Basic Engineering Sciences and Technology	Vol 3 Issue12 Pp 13-18	Dec 2017	-	-
11.	Compressive strength of concrete and paver blocks using ceramic tile powder	S.Aswin A.Alex Rajesh	Journal of advanced science and engineering research	Vol 3 Issue2 Pp 37-43	2018	-	-
12.	Effects of Ceramic tile powder on properties of concrete and paver block	S.Aswin V.Mohanalakshmi A.Alex Rajesh	Global research and development journal for Engineering	Vol 3 Issue2 Pp 84-87	2018	-	-
13.	Microstructural investigation of Different Types of Coarse Aggregate used in Concrete	K Akila, A Abishanth, S Bharani, S Deepak, KP Vishalakshi	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Vol 3 Issue2 Pp 129-137	2018	-	-
14.	A beeline for making flexible pavements by means of discarded plastics and industrial sludge	k.Selvakumar S.Elango S.Indhu	International Journal of Intellectual Advancements and Research in Engineering Computations <b>Impact factor 0.543</b>	Vol-6 Issue-2 Pp2392-2399	2018	-	-
15.	Experimental Investigation of Stone Dust and Plastic Coated Aggregate In Flexible Pavement	K.Selvakumar., R.Elakkiya, Anandha Kumar, Akeel Mohamed, R.Anupriya	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Vol 3 Issue 1 Pp 49-54	2018	-	-
16.	Beeline for making flexible pavement by using discarded plastic and quartz stone powder	S.Elango, K .Dinesh kumar, V. Gowtham,	International Journal of Intellectual Advancements and	Vol 6 Issue2 Pp 2415-2421	2018	-	-

		M. Gowthami R. Hariharan	Research in Engineering Computations <b>Impact factor 0.543</b>				
17.	Empirical research on using plastic coated aggregate and eggshell as filler material in bituminous road construction	S. Elango S. Indhu	International journal of current engineering and scientific research <b>Impact factor 0.695</b>	Vol 5 Issue 5 Pp 67-72	2018	-	-
18.	Evaluation of Ground Water Quality and Its Suitability for Drinking and Agriculture Purposes in Erode Taluk, Tamilnadu, India	M.Prabahar, S.Saravanaganesh, S.Dineshkumar, T.Vijayashankar	International Journal of Intellectual Advancements and Research in Engineering Computations <b>Impact factor 0.543</b>	Vol 6 Issue2 Pp 1096-1102	2018	-	-
19.	Strength Determination of Self Compacting Geopolymer Concrete by Ambient Curing	R. Gopi, T. Santhi P. Karthick	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Vol 3 Issue 1 Pp 1-7	2018	-	-
20.	Experimental Investigation on partial Replacement of Quarry Dust by Copper Slag in Flyash Brick Manufacturing	T.Vijayasankar, L.Kathiravan, P.Keerthivalavan, S.Murali, M.Sarath kumar	International Journal of Advanced Science and Engineering Research <b>Impact factor 0.251</b>	Vol 3 Issue 1 Pp 70-77	2018	-	-
21.	Mapping the Spatial Distributions of Water Quality and Their Interpolation with Land Use/Land Cover GIS and Remote Sensing in Noyyal River Basin, Tamilnadu, India.	Geetha Selvarani Arumaikkani Sivakumar Chelliah Maheswaran Gopalan	Journal of Geoscience and Environment Protection. <b>Impact factor 0.72</b>	Vol 5 Issue 08 pp211-220	2017	-	-
22.	Fal-G Binder Pervious Concrete	K. S. Elango V.Revathi	Construction and Building Materials <b>Impact factor 8.06</b>	Vol 140, issue 1, pp91-99	June 2017,	Q1	Scopus/ Web of Science
23.	A comprehensive study on potential use of waste materials in brick for sustainable development	N. Sudharsan, T.Palanisamy	Ecology, Environment and Conservation <b>Impact factor 0.34</b>	Vol 24, Issue 2018 pp 343-347	Feb 2018.	-	Scopus/ Web of Science

24.	Environmental sustainability of waste glass as a valuable construction material - A critical review	N.Sudharsan T. Palanisamy S.C.Yaragal	Ecology, Environment and Conservation <b>Impact factor 0.34</b>	Vol 24 S 335-s342	Sep 2018	-	Scopus/ Web of Science
25.	Experimental and analytical study on flexural behaviour of fly ash and paper sludge ash based geopolymer concrete	P. Senthamilselvi T. Palanisamy	Computers and Concrete <b>Impact factor 7.628</b>	Vol 21 Issue 2 Pp 157-166	Feb 2018	Q1	Scopus/ Web of Science