

Department of Civil Engineering
Journal Publications

S.No	Name of the Authors	Title of Paper	Published in with ISSN and Indexing	Volume, Pages, Year
1.	P.Poornima, R.Nithya	Sustainability, Agri, Food and Environmental Research	Site suitability analysis for decentralized sustainable solid waste management system for Coimbatore city using GIS ISSN: 0719-3726 Indexed in UGC CARE	Vol.10, No.10 pp. 1-13 2022
2.	N. Srimathi , V. Sathishkumar	Algorithm for optimum design of space trusses	Materials Today: Proceedings ISSN 2214-7853 Indexed in Scopus Journal (Elsevier)	Vol.52, No.3 pp. 1671-1675 2022
3.	P.Poornima, R.Nithya	Suitability Analysis for Development of Decentralized Solid Waste Processing unit for Coimbatore City - South India	Indian Journal of Ecology ISSN: 0304-5250 Indexed in UGC CARE	Vol.48, No.4 pp. 1144-1148 2021
4.	P.Poornima, R.Nithya	Development of Zone wise solid waste management Processing unit for Coimbatore City, Tamil Nadu	Ecology, Environment and Conservation ISSN 0971-765X Indexed in UGC CARE	Vol.27, No.3 pp. 1157-1164 2021
5.	N.Srimathi S.Brundhapriyadharshini, S.Sasmitha A.N.Shiva Aishwarya	Land Suitability Analysis for Industry Sewage Wastewater Treatment Plant using GIS	Journal of Education: Rabindrabharati University ISSN: 0972-7175 Indexed in UGC CARE	Vol.23, No.11 pp. 157-161 2021

6.	N.Srimathi M.Akshayaa, N.Deepa, V.Janani Naga Poorani,	Analysis of traffic volume and fly over Construction for traffic problems in Edayarpalayam junction, Thadagam road, Coimbatore corporation	Journal of Education: Rabindrabharati University ISSN: 0972-7175 Indexed in UGC CARE	Vol.23,No.11 pp. 166-170, 2021
7.	Mrs.K.Deepika, Dr.S.Maragatham	Analysis of Sustainable Geopolymer Concrete Filled Double Skinned Steel Composite Hollow Columns ANSYS	Journal of Green Engineering ISSN: 1546-1955 Indexed in Scopus Journal	Vol.10,No.7 pp.3278-3290 2020
8.	N. Srimathi, V. Sathishkumar	Exploration of Road indices of Coimbatore city	International Journal of Solid-State Technology ISSN: 0038-111X Indexed in Scopus Journal	Vol.63,No.5 pp.1249-1257 2020
9.	S.Margatham, Mrs.P.T.Ayswariya Lakshmi.	Experimental Study on Composite Concrete Slabs with Dovetailed Profiled Deck Sheet for Sustainable Development	Journal of Green Engineering, ISSN:1904-4720. Indexed in Scopus Journal	Vol.10,No. 6 pp.3278-3290 2020
10.	Sathish Kumar.V Srimathi.N,	Flexural Behavior of SCC with Copper Slag as Partial Replacement of Fine Aggregate.	International Journal of Recent Technology and Engineering ISSN: 2277-3878 Indexed in Scopus Journal	Vol.9,No.1 pp.1139-1144 2020
11.	P.T.Ayswarya Lakshmi, S.Maragatham	Mechanical Strength Properties of Geopolymer with GGBS for composite Construction	International Journal of Technology and Engineering (IJRTE) ISSN : 2277-3878 Indexed in Scopus Journal	Vol. 8, pp.4676-4679 2020
12.	K.Deepika, S.Maragatham	Mechanical Behavior of Double Skinned Composite Hollow Columns using Geopolymer Concrete	International Journal of Technology and Engineering (IJRTE) ISSN: 2277-3878 Indexed in Scopus Journal	Vol. 8 pp.4691-4696 2020

13.	Srimathi.N Subiksha .M , Abarna.J, Niranjana .T	Biological Treatment of Dairy Wastewater using Bio Enzyme from Citrus Fruit Peels	International Journal of Recent Technology and Engineering ISSN: 2277-3878 Indexed in Scopus Journal	Vol.9,No.1 pp.292-295 2020
14.	N.Srimathi, K.N.ShakthiPriya Devadarshini, A.Akshaya.	Study on Performance of Solar tube system for daylighting	JASC: Journal of Applied Science and Computations ISSN: 1076-5131 Indexed in Peer reviewed Journal	Vol.6 pp.3811-3817 2019
15.	Sathish Kumar.V Elangovan.K, Srimathi N	GIS-based Air pollution distribution mapping of emissions from public buses for Coimbatore Corporation, Tamil Nadu.	Indian Journal of GeoMarine Sciences ISSN: 0975-1033 Indexed in Scopus Journal	Vol.48 pp.947-951 2019
16.	N.Srimathi, K.AnuIndravathi, M.HajiraAmreen S.Indhuurekha.	An Experimental Study on Self-Healing Concrete Using Bacteria	The Asian Review of Civil Engineering ISSN: 2249 - 6203 Indexed in Peer reviewed Journal	Vol.7,No.2 pp.16-19 2018
17.	Shanthi S, Brindha Y, Haripriya S, KavibharathiS, Sarika P	Evaluation of Coal Bed Methane Waste for Replacement of River Sand Experimentally	International Journal of Modern Trends in Engineering and Science ISSN: 2348-3121 Indexed in Peer reviewed Journal	Vol. 05,No. 6 2018
18.	Premalatha S, Rathina Lakshmi B, ThokaiKasthuri D, Vijayarani M, Vinothini S.	Abatement of Traffic in Railway Crossing Area by Road Under Bridge,	International Journal of Modern Trends in Engineering and Science ISSN: 2348-3121 Indexed in Peer reviewed Journal	Vol. 05,No. 6 2018
19	AyswariyaLakshmi.PT Priyadarshini K, Shivani M, Subhashini R, Swetha B	Study on GGBS blended Geopolymer concrete with Basalt fiber	International Journal of modern trends in Engineering and Science ISSN :2348-3121 Indexed in Peer reviewed Journal	Vol. 05,No. 6 2018

20	Maragatham S, Kokilavani S, Lavanya S,Meena G, RanjithaPriya R	Self-compacting and self-curing concrete with steelfibre Reinforcement	SSRG International Journal of Civil Engineering ISSN :2348-8352 Indexed in Peer reviewed Journal	Special Issue ICETSST 2018
21	Nithya R, GangadharsiniR, Gopika Devi P, Narmadha R, Renuka M.	Domestic Wastewater Treatment using Chitosan	International Journal of Modern Trends in Engineering and Science ISSN no: 2348-3121 Indexed in Peer reviewed Journal	Vol. 05,No. 6 pp.13-16 2018
19	Shanthi S Elangovan K	Comparison of Landslide Susceptibility Using AHP, SMCE and GIS for Nilgiris District, India	Indian Journal of Geo Marine Sciences, ISSN :0975-1033 Indexed in Scopus Journal	Vol.46 pp.802-814 2017
20	Premalatha S, Pavithraparvathi N, Aparna S, Jasmine N, Jeeshma P.	Utilization of Waste Pet Bottles and Industrial By-Products as Construction Material.	International Research Journal of Engineering and Technology ISSN: 2395-0072 Indexed in Peer reviewed Journal	Vol. 03,No.05 pp.1459-1462 2016
21	Shanthi S, Elangovan K , Subramanian S.	Impact of Rainfall on Landslides for Nilgiris District, Tamilnadu.	International Journal of Applied Engineering Research ISSN :0973-4562 Indexed in Peer reviewed Journal	Vol. 10,No. 2 pp. 28-29 2015