

Publication -2024

Title of the paper	Name of the Author/s	Name of the journal	Year of publication	ISSN Number	Journal/Conference	Scopus/WOS
Low alkaline vegetation concrete with silica fume and nano-fly ash composites to improve the planting properties and soil ecology.	Ganesh Prabhu Ganapathy*, Shunmuga Priya Kaliyappan, Venkada Lakshmi Ramamoorthy, Aravindan Achuthan	Nanotechnology Reviews	2024	2191-9097	Journal	Scopus
Effective removal of chromium by adsorption using Delonix regia bark derived activated carbon from aqueous solution: a sustainable approach	Janet Joshiba Ganesan , Chia- Shang Chang Chi e, P. Senthil Kumar, Aravindan Achuthan	Environ Geochem Health	2024	0269-4042	Journal	Scopus
Hydrological assessment of the Gundlakamma sub-basin through SWAT modeling: integration of land use land cover (LULC) and climate changes	K. V. Sivakumar Babua, Aravindan Achuthanb, Shamsaad Ahmad	Journal of Water and Climate Change	2024	2040-2244	Journal	Scopus
Experimental Investigation of the Mechanical Properties of Concrete Reinforced with Natural Cellulose Fibers	M. Karthikeyan, K. Mohan das, R. Shanmugasundaram, B. Hemalatha, K. Srinivasan, A. Aravindan	Journal of Environmental studies	2024	2682-3942	Journal	Scopus
A Comparative Review of Construction Project	K.V.G.D.Prasad1, A.Aravindan2,	Library Progress International	2024	0970 1052	Journal	Scopus

Management Software: Enhancing Efficiency and Overcoming Integration Challenges	Nadigatla Naveen Kumar					
Investigation Of Self-Compacting Concrete Utilizing Different Supplementary Pozzolanic Materials For Cement Replacement	Rajamallu, C. Chaitanya Kumar, J. D. ; Kumar, M. Karthik Sambangi, Arunchaitanya Charan, S. Sai Rahul Rollakanti, Chiranjeevi Prince, Shalin	ARPN Journal of Engineering and Applied Sciences	2024	1819-6608	Journal	Scopus
Investigating The Impact Of Ggbs And Fly Ash On Pet Concrete Rc Beams	Ajay, S. T.P.V.T.A. Chaitanya Kumar, J. D. ; Rahul Rollakanti, ChiranjeeviRama Krishna, B.	ARPN Journal of Engineering and Applied Sciences	2024	1819-6608	Journal	Scopus
Experimental Studies on the Mechanical and Microstructural Properties of Sustainable Concrete Incorporating Palm Oil Industrial Waste	Anjali, Maddula; Jagarapu, Durga Chaitanya Kumar	Journal Of Polymer & Composites	2024	2321–8525	Journal	WOS
Experimental Study on Mechanical and Durability Properties of Concrete Using Mineral Admixtures	Gurram, Likhitha; Jagarapu, Durga Chaitanya Kumar; Sambangi, Arunchaitanya; Rollakanti, Chiranjeevi Rahul; Princ, Shalin;	Journal Of Polymer & Composites	2024	2321–8525	Journal	WOS

	Kumar, B. Sarath Chandra					
Experimental Study on Sustainable Light Weight Concrete Incorporating with Oil Palm Industrial Waste	Gurram, Likhitha; Jagarapu, Durga Chaitanya Kumar	Journal Of Polymer & Composites	2024	2321–8525	Journal	WOS
Examining random forests for predicting elastic floor response spectra involving dynamic primary-secondary structure interaction	Latha A.M.; Lingeshwaran N.; Challagulla S.P.; Manne M.	Journal of Building Pathology and Rehabilitation	2024	23653159	Journal	Scopus
Experimental Investigation On Performance Of Hollow Brick With Fly Ash, Cement And Sand	Reddy M.L.; Lingeshwaran N.	Civil and Environmental Engineering	2024	13365835	Journal	Scopus
An Experimental Investigation On Flexural Behaviour Of Functionally Graded Concrete	Parthiban P.; Saran M.A.; Kartheswaran S.A.S.; Vinoth S.; Prasanna P.K.; Lingeshwaran N.; Ippili A.K.	Materials Today: Proceedings	2024	22147853	Journal	Scopus
Investigating the Influence of Dynamic Interaction Between Primary and Secondary Structures on Elastic Floor Response Spectra During Near- and Far-Field Earthquakes: A Comparative Analysis with EC8 Formulation	Annamdasu M.L.; Lingeshwaran N.; Challagulla S.P.; Ahmed O.S.; Adamu M.	International Journal of Technology	2024	20869614	Journal	Scopus
Review of Input Selection Criteria;	Kasiviswanadham P.,	Journal of polymer and	2023	2321–	Journal	WOS

Comparison of Popular Methods used in Water Stress Analysis	Kumar, S., Majumder, M.	composites		2810		
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