

Publication -2021

Title of the paper	Name of the Author/s	Name of the journal	Year of publication	ISSN Number	Journal/Conference	Scopus/WOS
Comparative study of pressure variations in water distribution network due to change in location of elevated service reservoir	Arun Reddy Thumma, A Aravindan	IOP Conf. Series: Materials Science and Engineering	2021	1757-899X	Conference	Scopus
The study of variation of PM10 concentrations with meteorological conditions in ambient air	Eennu A. Shaik, N.C. Kavuri, A.Aravindan	IOP Conference Series: Earth and Environmental Science	2021	17551315	Conference	Scopus
Bio-Gas production from different organic wastes	Aravindhana Aa, Lingeshwaran Nb, Kunta Goutami	Materials Today: Proceedings	2021	2214-7853	Conference	Scopus
Removal of nitrobenzene from water using activated carbon prepared from water hyacinth	R Prithvi, Dr A Aravindan, Dr K Naga Chaitanya	IOP Conf. Series: Materials Science and Engineering	2021	1757-899X	Conference	Scopus
Production of Ulva prolifera derived bio char and evaluation of adsorptive removal of Reactive Red 120: batch, isotherm, kinetic, thermodynamic and regeneration studies	S. Mahendran1 & R. Gokulan2 & A. Aravindan3 & H. Joga Rao4	Biomass Conversion and Bio refinery	2021	2190-6823	Journal	Scopus
Bio char from waste biomass as a biocatalyst for biodiesel production: an overview	J. Raja Murugadoss1 · G. Kalyani, R. Gokulan,P. Sivaprakasam,A. Aravindan	Applied Nano science	2021	2190-5517	Journal	Scopus
Experimental Studies on Portal	Chaitanya Kumar, J.	Journal of Physics:	2021	1742-6596	Conference	

Frames made with Palm oil Shell Light Weight Fiber Reinforced Concrete	D. ; Arunakanthi, E.	Conference Series				
Seismic fragility analysis of multi span highway bridge based on probabilistic approach	Poojitha G.N.; Vinod Y.; Lingeshwaran N.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
A study and identification of the time and cost overrun in the construction project	Chandragiri A.B.; Hamim Jeelani S.; Akthar S.; Lingeshwaran N.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
An experimental study on heat insulaion panels & Brick walls	Satyanarayana M.; Lingeshwaran N.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
Strength analysis of geo-polymer concrete based on GGBS/rise husk and p-sand	Rajendran R.; Narasimharao B.; Preethi P.; Mohammed Shais A.R.; Naveen D.; Prem Anand R.; Narentheran S.; Lingeshwaran N.; Pratheba S.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
Experimental investigation on environmental utilization of e - Waste management	Pratheba S.; Rajeswari M.; Johnpaul V.; Balasundaram N.; Lingeshwaran N.; Kumar V.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
Life cycle assesment on tire derived fuel as alternative fuel in	Sai Kishan G.; Himath Kumar Y.; Sakthivel	Materials Today: Proceedings	2021	22147853	Conference	Scopus

cement industry	M.; Vijayakumar R.; Lingeshwaran N.					
A study on seismic analysis of high-rise building with and without floating columns and shear wall	Lingeshwaran N.; Kranthinadimpalli S.; Kollasailaja; Sameeruddin S.; Kumar Y.H.; Madavarapu S.B.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
Strength analysis of geopolymer concrete based on fly ash and P-sand	Rajendrana R.; Sarath Kumar D.; Megan K.; Muneswaren P.; Senthilvel D.; Shri B.; Lingeshwaran N.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
A study on repair of concrete structure using non destructive tests	Harish Kumar K.; Veerendra Babu N.; Lingeshwaran N.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
Flexural strength of Lightweight geopolymer concrete using sisal fibres	Kavipriya S.; Deepanraj C.G.; Dinesh S.; Prakash N.; Lingeshwaran N.; Ramkumar S.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
Bio-Gas production from different organic wastes	Aravindhana A.; Lingeshwaran N.; Goutami K.	Materials Today: Proceedings	2021	22147853	Conference	Scopus
An experiment on concrete replacing binding material as waste glass powder	Rajendran R.; Sathishkumar A.; Perumal K.; Pannirselvam N.;	Materials Today: Proceedings	2021	22147853	Conference	Scopus

	Lingeshwaran N.; Babu Madavarapu S.					
A Hybrid Low-Cost Construction Techniques and Materials in Construction Project	A Sraavan Kumar Reddy and K Hemanth Raja	IOP Conf. Series: Materials Science and Engineering	2021	1757-899X	Conference	WOS
A Study On Seismic Analysis Of High-Rise Building With And Without Floating Columns And Shear Wall	Lingeshwaran N., Kranthinadimpalli, Surya Kollasailaja Sameeruddin, Shaik Kumar, Y. Himath Madavarapu, Sateesh Babu	Materials Today: Proceedings	2021	2214-7853	Conference Paper	Scopus & WOS
Life Cycle Assesment On Tire Derived Fuel As Alternative Fuel In Cement Industry	Sai Kishan G., Himath Kumar Y., Sakthivel M., Vijayakumar R., Lingeshwaran N.	Materials Today: Proceedings	2021	2214-7853	Conference Paper	Scopus & WOS
Experimental Study On Ground Granulated Blast Furnace Slag Based Geopolymer Concrete Beams And Slabs	Himath Kumar Y. Ranga Rao V.	Journal Of The Balkan Tribological Association	2021	1310-4772	Journal	Scopus
Effect Of Molarity And Alkali Activator Ratio On GGBS Based Geopolymer Concrete	Himath Kumar Y. Ranga Rao V.	ARNP Journal Of Engineering And Applied Sciences	2021	1819-6608	Journal	Scopus
Analysis And Design Of Axially Loaded Columns With Ternary Mineral Admixtures And Glass	Brahma Chari Jyothishya Kanneganti	Iop Conference Series: Earth And Environmental Science	2021	17551307	Conference Paper	WOS

Fiber For Sustainable Concrete Composite						
Experimental Studies On Durability Properties Of Sustainable And Eco-Friendly Materials Of Ggbs And Fly Ash In Reinforced Cement Concrete	Brahma Chari Jyothishya Kanneganti	Iop Conference Series: Earth And Environmental Science	2021	1755-1307	Conference Paper	WOS
Analysis And Design Of Axially Loaded Columns With Ternary Mineral Admixtures And Glass Fiber For Sustainable Concrete Composite	Brahma Chari Jyothishya Kanneganti	Iop Conference Series: Earth And Environmental Science	2021	17551307	Conference Paper	WOS
Intensity duration frequency curve generation using historical and future downscaled rainfall data	Agarwal, S., Kumar, S., Singh, U.K.	Indian Journal of Ecology	2021	03045250	Journal	Scopus
Effects of hybrid fiber-reinforced geopolymer concrete stabilized with gypseous soil-experimental and simulation approach.	Rao, S.K., Kumar, S.	Surface Review and Letters	2021	1793-6667	Journal	Scopus & WOS
Assessment of Sedimentation in Maithon Reservoir using Remote Sensing and GIS	Santoshi, P and Kumar, Sanjeet.	Indian Journal of Ecology	2021	03045250	Journal	Scopus

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