



Department of Civil Engineering

MANGALAM COLLEGE OF ENGINEERING

AY 2022-23

JOURNAL PAPER PUBLISHED							
Sl No.	FACULTY NAME	PAPER TITLE	NAME OF JOURNAL	NAME OF PUBLISHER	YEAR OF PUBLIC ATION	ISBN/ISSN number of the proceeding	Link to the recognition in UGC enlistment of the Journal
1	Dr.D Ramesh Kumar	Fresh and Hardened Properties of self compacting concrete comprising a copper slag	MDPI-Buildings	SCI	2022	15, 5156	https://www.mdpi.com/2075-5309/12/7/965
2	Dr.D Ramesh Kumar	Fresh and Hardened Properties of self compacting concrete comprising a copper slag	MDPI-Buildings	SCI	2022	15, 5157	https://www.mdpi.com/2075-5309/12/7/965
3	Dr.K. Arun Kumar	Investigation on the effect of ultra fine rice husk ash over slag based geopolymer concrete	Reserach on enginneing structure and materials	SCOPUS	2022	2148-9807	http://jresm.org/archive/resm2022.501ma0814.pdf
4	Dr.K Arunkumar,	Optimization of hybrid fibre reinforced geopolymer concrete using hardened and durability propertie	Reserach on enginneing structure and materials	SCOPUS	2022	2148-9807	http://jresm.org/archive/resm2022.450ma0620.html
5	Dr.K Arunkumar	Influence of hybrid fibres on the mechanical characterization of low calcium geopolymer concrete	Journal of Technology	SCOPUS	2022	1012-3407	https://www.scopus.com/sourceid/19900191892
6	Dr.P.Swaminathan	Experimental and statistical investigation to evaluate impact strength variability and reliability of preplaced aggregate concrete containing crumped rubber	MDPI-Materials	SCOPUS	2022	12, 965	https://www.mdpi.com/1996-1944/15/15/5156



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PAPER PUBLICATIONS

Sl. No.	Faculty Name	Paper Title	Name of the conference	National / International	Name of the publisher	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Year of publication
1	Dr.P Swaminathan	Mix Design of DBM with RAP Aggregates	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	2023 July
2	Dr.P Swaminathan	Study On Parking System And Its Analysis	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	2023 July
3	Gokul P.V	FE Analysis on renovated RC frame after column removal using ANSYS	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	2023 July
4	Reni Kuruvila	Seismic Analysis of multi stories building of regular and irregular plan configuration with different bracing	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	2023 July
5	Ann Mary Jose	Seismic Analysis of multi stories building of regular and irregular plan configuration with different bracing.	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
6	Geethu Lal	Study of behaviour of PT beam of a multi storied building under seismic load	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023

7	Anila Mary Jacob	Flexural behavior of pairs of laminated unequal channel beams with different interfacial connections in corner-supported modular steel buildings Using ANSYS	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
8	Gokul P.V	Response of multistoried building with different bracing systems under seismic condition using ETABS	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
9	Gokul P.V	Active vibration control of laminated composite thin plates using a smart material.	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
10	Lulu K Makkar	P-DELTA analysis on steel fiber reinforced concrete structure using ETABS	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
11	Lulu K Makkar	Seismic behaviour of multi storied building resting on inclined ground using ETABS	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
12	Geethu Lal	Experimental investigation on Partial replacement of cement with marble dust powder in Manufacturing of M20 Grade Concrete Blocks	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
13	Nimisha Annie Abraham	Human hair fibre reinforced concrete.	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
14	Aksharamol G Raj	Experimental investigation on the reuse of polypropylene fibres for advancing on concrete strength properties.	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023

15	Athira Jacob	Development of concrete brick using recycled plastic and glass waste	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
16	Dr.Arunkumar K	Rubberized geopolymer concrete.	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
17	Anila Mary Jacob	An experimental study on the use of plastic waste in paver blocks	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
18	Dr. Arunkumar K	Prediction of Optimum Geopolymer Concrete Mix With Various Methods	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
19	Richu Varghese George	Partial replacement of fine aggregate using waste tyre rubber in concrete.	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
20	Vidya Mohan	Experimental Study on Physical Properties of Bitumen Using Waste Engine oil And Waste Cooking Oil	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
21	Asha P Tom	Dairy Waste Water Treatment by using Natural Coagulants- A Review	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
22	Gokul P V	Strength assessment of an existing building using ultrasonic pulse velocity meter.	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
23	Gladia Mathew	Experimental method to treat wastewater in reference with constructed wetland	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023

24	Geethu Lal	Sustainable traffic signal improvement in parakandam junction	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
25	Abhijithkumar A.N	Effect of polypropylene fiber ,coir and non woven geotextile on subgrade soil	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
26	Ann Mary Jose	Experimental study on modified bitumen using LDPE and crumb rubber	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
27	Richu George Varghese	Design and Analysis of High Rise buildings using ETABS	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
28	Silpa Caroline James	Analysis and Design of a Residential Building Using STAAD	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023
29	Aswathy Sugu	Effect of chemical composition of reaction generating liquid on the strength characterictes of high volume flyash based	ICART'23	International	IJERT	2278-0181	Mangalam College of Engineering	July 2023

Research papers per teachers in the Journals notified on UGC website during the year

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Investigation on the effect of ultra fine rice husk ash over slag based geopolymer concrete	A. Chithambar Ganesh M. Vinod Kumar, K. Mukilan, A. Suresh Kumar, K. Arun Kumar	CE	Reserach on enginneing structure and materials	2022	2148-9807	http://jresm.org/archive/resm2022.501ma0814.pdf
Optimization of hybrid fibre reinforced geopolymer concrete using hardened and durability propertie	Arunachalam Sureshkumar, Arunasankar Chithambar Ganesh, Loganathan Parthiban, Premkumar V.	CE	Reserach on enginneing structure and materials	2022	2148-9807	http://jresm.org/archive/resm2022.450ma0620.html
INFLUENCE OF HYBRID FIBRES ON THE MECHANICAL CHARACTERIZATION OF LOW CALCIUM GEOPOLYMER CONCRETE	K Arunkumar, M Muthukannan, AS Kumar, AC Ganesh, RK Devi	CE	JOURNAL OF TECHNOLOG Y	2022	1012-3407	https://www.scopus.com/sourceid/19900191892
Fresh and Hardened Properties of self compacting concrete comprising a copper slag	Chidambaram Prithiviraj Packirisamy Swaminathan Deivasigamani Ramesh Kumar Gunasekaran Murali Nikolai Ivanovich Vatin	CE	MDPI-Building	2022	15, 5156	https://www.mdpi.com/2075-5309/12/7/965

Fresh and Hardened Properties of self compacting concrete comprising a copper slag	Packirisamy Swaminathan Deivasigamani Ramesh Kumar Gunasekaran Murali Nikolai Ivanovich Vatin	CE	MDPI-Buildings	2022	15, 5157	https://www.mdpi.com/2075-5309/12/7/965
Experimental and statistical investigation to evaluate impact strength variability and	P.Swaminathan	CE	MDPI-Materials	2022	12, 965	https://www.mdpi.com/1996-1944/15/15/5156