



Department of Civil Engineering

MANGALAM COLLEGE OF ENGINEERING

AY 2024-25

JOURNAL PAPER PUBLISHED						
SI No.	FACULTY NAME	PAPER TITLE	NAME OF THE JOURNAL	INDEX	YEAR OF PUBLICATION	Link to the recognition in UGC enlistment of the Journal
1	Dr. B Sankar	A study on the mechanical performance, shrinkage and morphology of high-performance fiber reinforced concrete with varying SCMs and geometry of steel fibers	Case Studies in Construction Materials	SCI	2023	https://doi.org/10.1016/j.cscm.2024.e03642
2	Dr. D Rameshkumar	A study on the mechanical performance, shrinkage and morphology of high-performance fiber reinforced concrete with varying SCMs and geometry of steel fibers	Case Studies in Construction Materials	SCI	2024	https://doi.org/10.1016/j.cscm.2024.e03642
3	Dr.P Swaminathan	A study on the mechanical performance, shrinkage and morphology of high-performance fiber reinforced concrete with varying SCMs and geometry of steel fibers	Case Studies in Construction Materials	SCI	2024	https://doi.org/10.1016/j.cscm.2024.e03642
4	Dr.K Arunkumar	A study on the mechanical performance, shrinkage and morphology of high-performance fiber reinforced concrete with varying SCMs and geometry of steel fibers	Case Studies in Construction Materials	SCI	2024	https://doi.org/10.1016/j.cscm.2024.e03642

5	Dr.B Sankar	Valorization of plastic waste aggregate in concrete: A study on durability and microstructural properties.	Global NEST Journal	SCI	2024	https://doi.org/10.30955/gnj.05828
6	Dr.B Sankar	Flexural Toughness and Synergy Assessment of Pozzolanic and Non-pozzolanic Concrete Containing Steel Fibers With Varying Geometry	Iranian Journal of Science and Technology, Transactions of Civil Engineering	SCI	2024	https://doi.org/10.1007/s40996-024-01561-z
7	Dr.D Rameshkumar	Flexural Toughness and Synergy Assessment of Pozzolanic and Non-pozzolanic Concrete Containing Steel Fibers With Varying Geometry	Iranian Journal of Science and Technology, Transactions of Civil Engineering	SCI	2024	https://doi.org/10.1007/s40996-024-01561-z
8	Dr.P Swaminathan	Flexural Toughness and Synergy Assessment of Pozzolanic and Non-pozzolanic Concrete Containing Steel Fibers With Varying Geometry	Iranian Journal of Science and Technology, Transactions of Civil Engineering	SCI	2024	https://doi.org/10.1007/s40996-024-01561-z
9	Dr.K Arunkumar	Flexural Toughness and Synergy Assessment of Pozzolanic and Non-pozzolanic Concrete Containing Steel Fibers With Varying Geometry	Iranian Journal of Science and Technology, Transactions of Civil Engineering	SCI	2024	https://doi.org/10.1007/s40996-024-01561-z
10	Dr.B Sankar	Experimental investigations on mechanical performance, synergy assessment, and microstructure of pozzolanic and non-pozzolanic hybrid steel fiber reinforced concrete	Structural Concrete	SCI	2024	https://doi.org/10.1002/suco.202400693
11	Dr.D Rameshkumar	Experimental investigations on mechanical performance, synergy assessment, and microstructure of pozzolanic and non-pozzolanic hybrid steel fiber reinforced concrete	Structural Concrete	SCI	2024	https://doi.org/10.1002/suco.202400693
12	Dr.P Swaminathan	Experimental investigations on mechanical performance, synergy assessment, and microstructure of pozzolanic and non-pozzolanic hybrid steel fiber reinforced concrete	Structural Concrete	SCI	2024	https://doi.org/10.1002/suco.202400693

13	Dr.K Arunkumar	Experimental investigations on mechanical performance, synergy assessment, and microstructure of pozzolanic and non-pozzolanic hybrid steel fiber reinforced concrete	Structural Concrete	SCI	2025	https://doi.org/10.1002/suco.202400693
14	Dr.B Sankar	Influence of ultrafine slag and sulfate activation on the strength, durability and microstructural performance of high-volume fly ash concrete containing recycled plastic waste aggregate	Structural Concrete	SCI	2024	https://doi.org/10.1002/suco.70151
15	Dr.B Sankar	Biochar as a catalyst for methane enhancement in anaerobic digester containing cow dung, food waste, and rice straw: An experimental and statistical study	Cleaner Waste Systems	SCI	2024	https://doi.org/10.1016/j.clwas.2025.100388
16	Dr.B Sankar	Assessment of Flexural Behavior and Numerical Simulation of UHPFRC Beams with Steel Fibers	Iranian Journal of Science and Technology, Transactions of Civil Engineering	SCI	2024	https://doi.org/10.1007/s40996-025-01844-z
17	Dr.Sankar B	Durability and microstructure of ternary binder geopolymer concrete: A comprehensive study , 2025	Research on Engineering Structures and Materials	SCOPUS	2024	http://dx.doi.org/10.17515/resm2025-657me0202rs
18	Dr.Arunkumar K	Durability and microstructure of ternary binder geopolymer concrete: A comprehensive study , 2025	Research on Engineering Structures and Materials	SCOPUS	2024	http://dx.doi.org/10.17515/resm2025-657me0202rs
19	Dr.D Rameshkumar Deivasigamani	Durability and microstructure of ternary binder geopolymer concrete: A comprehensive study , 2025	Research on Engineering Structures and Materials	SCOPUS	2024	http://dx.doi.org/10.17515/resm2025-657me0202rs
20	Dr.Sankar B	Engineering Performance of Recycled Aggregate Concrete Containing Plastic Waste Aggregate and Glass Cullet	Circular Economy and Sustainability	SCOPUS	2024	DOI: 10.1007/s43615-025-00633-0