



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)

DEPARTMENT OF CIVIL ENGINEERING

List of faculty publications (2022-2023)

S. No	Name of the Faculty	Title with page nos.	Name of the Journal	Impact Factor	ISSN / ISBN No.	No. of Co-authors	Whether SCI / SCIE/ESCI/ Scopus/ WoS/UGC	DOI
1	Prof. M.VeeraReddy	Fragility Comparison for Soft Storey Infill Reduced Structures by Incremental Dynamic Analysis	IOP Conf. Series: Earth and Environmental Science, ITSCMSI-2022	--	Print ISBN 978-981-16-7508-9	05	Springer, Singapore Book chapter	doi:10.1088/1755-1315/1130/1/012029
2	Dr. L. Sudheer Reddy	Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	--	Application No. 202241049082 A	04	Patent	----
3		Durability Studies on Bacterial Concrete Embedded with Bacillus Subtilis, Design Engineering	Design Engineering		ISSN: 0011-9342		Scopus	
4		Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS	Chinese Journal of Geotechnical Engineering		ISSN: 1000-4548	04	Scopus	10.11779/CJGE202209.3

5		Performance of Cement Composite with GGBS and Alccofine as Partial Replacement	The Indian Concrete Journal			05	Scopus	
6	Dr. M. Andal	Microstructure and Mechanical Properties of Flyash & GGBS Based Alkali Activated Concrete, page no. 27	Cement and Building Koncrete for a sustainable and Resilient infrastructure			02	Conference	
7	Dr. M. Srikanth	Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	--	Application No.202241049082 A	04	Patent	----
8		Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS	Chinese Journal of Geotechnical Engineering		ISSN: 1000-4548	04	Scopus	10.11779/CJGE202209.3
9		Performance of Cement Composite with GGBS and Alccofine as Partial Replacement	The Indian Concrete Journal			05	Scopus	
10	Dr. D. Hari Krishna	Comparative study on Shear performance of Blended Pozzolonic R.C beams with Fly Ash & Recycled Aggregates, Pages 273.	Journal of Structural Engineering				Scopus	
11		Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	--	Application No.202241049082 A	04	Patent	----

12		Mechanical and durability studies on blended pozzolonic concretes with fly ash & recycled aggregates, Pages 1522-1529	Science Direct Elsevier Materials Today Proceedings,				Scopus	
13		Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS,.	Chinese Journal of Geotechnical Engineering		ISSN: 1000-4548	04	Scopus	10.11779/CJGE202209.3
14	Dr. S. Sunil Pratap Reddy	Durability Studies on Bacterial Concrete Embedded with Bacillus Subtilis	Design Engineering		ISSN:0011-9342		Scopus	
15		Building panel with stone facing and glass fiber reinforced concrete at very low cost	Indian Patent	--	Application No.202241049082 A	04	Patent	----
16		Durability Studies on Self Compacting Recycled Aggregate Concrete Using GGBS	Chinese Journal of Geotechnical Engineering		ISSN: 1000-4548	04	Scopus	10.11779/CJGE202209.3
17		Performance of Cement Composite with GGBS and Alccofine as Partial Replacement	The Indian Concrete Journal			05	Scopus	
18		Dr. S. Sunil Pratap Reddy	Recent Advances In Self-Healing Concrete For Sustainable Construction Sector	European Chemical Bulletin		ISSN:4859-4868	08	Scopus

19	Dr.A. Suchith Reddy	Role of National Building Code in Fostering the Transition to Sustainable Construction	Advances in Structural Mechanics and Applications				Conference	
20		Entropy-based fuzzy TOPSIS framework for selection of a sustainable building material,	International Journal of Construction Management,				Scopus	
21		Method and approach for developemnt of Particle Packed Engineering Composite Cement Concrete (EnComPAs)	German Patent				Patent	Published on 25.112.22
22	Dr.A. Suchith Reddy	Development of frame work for achieving optimum thermal insulation for building instruments	Cement and Building Koncrete for a sustainable and Resilient infrastructure			02	Conference	
23	Dr. A. Suchith Reddy	A learning device for detecting fault conditions between shipment inspection information using MACHI	Indian patent				Patent	
24	Dr. B. Sumanth Kumar	Experimental Study on Fly Ash and GGBS based Geopolymer Corbels,	Environment Concerns and its Remediation (ECR21)				Scopus	
25		Experimental Investigation on Fly Ash and Ground Granulated Blast Furnace Slag-Based Geopolymer Corbels	Lecture Notes in Civil Engineering, vol 277. Springer, Singapore.				Book Chapter	https://doi.org/10.1007/978-981-19-4040-8_45

26		Study on fly ash and GGBS based geopolymer corbels	Materials Today: Proceedings				Scopus	https://doi.org/10.1016/j.matpr.2023.05.303
27	Dr. G. Shravan Kumar	Characteristics of Recycled Concrete Aggregate and Its implementation for Pavement Base Applications : A Review	Journal of Rehabilitation in Civil Engineering			2	Scopus	10.22075/JRCE.2022.23836.1523
28		Strength and Durability Characteristics of Lime Fly Ash Stabilized Recycled Concrete Aggregate for Use in Low Volume Rural Roads	Indian Geotechnical Journal			2	Scopus	https://doi.org/10.1007/s40098-022-00659-3
29	Ms. Shakeel Abid	Bearing Capacity of Annulus Stone Column Double-Encapsulated with Geotextiles	ASCE International Journal of Geomechanics	3.918	15323641	2	SCI	https://doi.org/10.1061/IJGNAI.GMENG-7817
30	Smt. B. Sravanthi Reddy	Experimental study on partial replacement of structural fiber in porous pavements	Materials Today: Proceedings		2214-7853	5	Scopus	https://doi.org/10.1016/j.matpr.2022.07.096
31	Ms. K. Manasa	Microstructure and Mechanical Properties of Flyash& GGBS Based Alkali Activated Concrete	Cement and Building Concrete for a sustainable and Resilient infrastructure			02	Conference	
32	Dr. N. Gangadhara Reddy	Review of the Utilization of Plastic Wastes as a Resource Material in Civil Engineering Infrastructure Applications, 26(4), 03122004 (p.13).	Journal of Hazardous, Toxic, and Radioactive Waste	0.63	2153-5515	2	WoS and Scopus	10.1061/%28ASCE%29HZ.2153-5515.0000717

33		Geoenvironmental characterization of bauxite residue ameliorated with different amendments, 04022048 (p. 15)	Journal of Hazardous, Toxic, and Radioactive Waste	0.63	2153-5515	2	WoS and Scopus	10.1061/JHTRBP.HZENG-1168
34		Utilisation of Red Mud (Bauxite Residue) in Environmental and Geotechnical Engineering Applications - An Overview	Lecture Notes in Civil Engineering Indian Geotechnical Conference-2021), NIT Tiruchurapalli		978-981-19-6774-0		Conference	
35		Development of intelligent decision system for optimized highway corridor planning: an integrated GIS and heuristic approach	Advances in Transportation Studies: an International Journal	0.67	1824-5463	02	Scopus	
36	Dr. M. Sushma	A framework on Understanding the Barriers of Smart cities and Intelligent Transportation System in India.	14 th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)				Conference	
37		Optimizing Points of Intersection for Highway and Railway Alignment – Using Path Planner Method and Ant Algorithm-Based Approach	Recent Advances in Transportation Systems Engineering and Management				Conference	

