## List of Publications in International / National Journals by Faculty

The following is the year wise list of publications published by the faculty in International/National Journals

2024-25

Faculty Name	Paper Title	Journal Name	ISSN No.	Volume No. & Year
	"Thermodynamic Modelling of Cementitious Paste Containing Sugarcane Bagasse Ash and Rice Husk Ash"	Lecture Notes in Civil Engineering		2024
Prof. K.L. Radhika	Flexural behaviour of Hybrid and Graded Fibre Reinforced Concrete	Springer of Science and Business Media		2024
	Seismic response of RC framed irregular structures, Materials Today Proceedings			2023
	Design of L-cavity using refractive and reflective elements	Optics Communications		2024
	Rheological and microstructural investigation of sodium-based montmorillonite nanoclay modified bitumen at mastic scale	Innovative Infrastructure Solutions	Volume 9	15 November 2024
Sr. Prof. M. Kumar	Functional and rheological investigations on hydrophilic nanoclay blended bitumen	Discover Sustainability	Volume 5	18 October 2024
	Laboratory investigation of high-temperature functional characterization of organomodified nanoclay -enhanced bitumen	Results in Engineering	Volume 25	6 January 2025
Sr. Prof. V. Bhikshma	Experimental investigation on mechanical properties of lightweight reactive powder concrete using lightweight expanded clay sand	Asian Journal of Civil Engineering		
	Experimental Investigation on	Earth and		

	T			
	Reactive Powder Concrete	Environmental		
	Designed with Micro Silica and Alccofine 1203	Science		
	Basic Splines for Topology	:NCMDAO		
	Optimization of Elements of	iNCMDAO		
	Building			
	Investigating stress-strain	International		
	characteristics in Geopolymer	Journal of		
	Concrete with Recycled	Multidisciplinary		
	aggregate	Research and		
		Analysis		
	Investigation On High-Strength			
	Geopolymer Concrete with	Library Progress		
	UFGGBS and Recycled Coarse	International		
	Aggregate			
	Experimental Investigation on			
	Reactive Powder Concrete	ICACC		
	designed with micro silica and	10/100		
	Alccofine 120			
	Experimental Investigation on	International		
	Reactive Powder Concrete	conference,		
	incorporating Expanded clay	Odisha		
	sand	Ouisila		
	Experimental Investigation on	IOP Conference		
	Reactive Powder Concrete	Series: Earth and	Volume 1409	
	Designed with Micro silica and	Environmental	Volume 1409	
	Alccofine1203	Science		
	A Study on Exploring and	International		July-
	Prioritizing Critical Risks in	Journal for	Volume 6,	August
	Construction Project	Multidisciplinary	Issue 4	2024
	Assessment	Research (IJFMR)		
	Assessment Of Construction		Volume 20	
	Risk Using Mamdani Fuzzy	Nanotechnology	No. 12	
Cr Drof M Conal	Inference System: A Case	Perceptions	(2024) 686-	2024
Sr. Prof. M. Gopal Naik	Study of the Construction	rerecptions	707	
	Industry in Hyderabad City		, , ,	
	Investigation on Built-up,			
	Population and Road Network			
	Density Dynamics using GIS,	ASCE-Journal of	DOI:10.1061/	_
	Regression and Causation	Urban Planning	JUPDDM/UP	2023
	Analysis– A Case Study of	and Development	ENG-4186	
	Hyderabad City, India			
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Prof. K. Shasikanth	IoT Based Sewage Overflow Detection and Harmful Gas Monitoring System			2025
	Statistical Downscaling of CMIP6 based Monsoon Rainfall over India and its Assessment			2024
	"A Comparative Study of Plus (+) Shaped Multi-storey Building using Rectangular and Special Shaped Columns"	Journal of Engineering, Computing & Architecture	V. 14, No 6 pp. 85-98	June, 2024
	Comparative Study on Recycled Plastic Aggregates in Concrete	Journal Of Engineering, Computing & Architecture	V. 14, No 5 pp. 124-139	May, 2024
Prof. D. Rupesh Kumar	Rapid Evaluation of Compressive Strength of HDPE-Plasto Sand Aggregate Concrete	1st International Conference on Sustainable Materials, Methodologies, Technologies & Applications in Engineering (ICS2MT-2K25)	Department of Civil Engineering, CVR College of Engineering, Hyderabad, India.	24-25 January, 2025
	Effect of Shear Walls on Multi- storey Buildings with Rectangular and Special Shaped Columns	3rd International Conference on Multi-functional Materials (ICMM- 2024)	Geethanjali College of Engineering and Technology, Keesara, Telangana, India in collaboration with American Institute of Physics (AIP).	19-21 December 2024
	Innovative Utilization of HDPE- Plastic Aggregates in Concrete: Fresh and Mechanical Properties	Second International Conference in Civil Engineering for a Sustainable	Habilete Learning Solutions in collaboration with	06-08 December 2024

Durability Properties of Concrete with HDPE Plastic Aggregate  Innovating Concrete with Recycled Plastics (HDPE) Aggregates  Innovative Revolution Introducing Sustainable HDPE-  Innovative Re		DI /100505	A •	1
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Plastic Aggregates for   Multi-disciplinary   Research and   2024	Introducing Sustainable HDPE-	Conference on	Educational	-
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	Concrete	Research Studies	Publication	
	Concrete	and Education	(IFERP), Kuala	
		(ICMDRSE-2024	Lumpur,	
		(ICIVIDIASE-2024	Malaysia.	
		IOP Conference	iviaiaysia.	
		Series: Earth and		
		Environmental		
		Science, In: Third	Vasavi	
	Innovative HDPE Plastic	International		
		Conference on	Engineering College,	26-27 April
	Aggregate in Concrete	Advances in	Hyderabad,	2024
	enhancing Sustainability	Construction	=	
			India,	
		Engineering for Sustainability		
		·		
		(ICACC-2024)		
	A CIC Ammanah famanatial	International		
	A GIS Approach for spatial	Journal of	Volume 13	December,2
	analysis of traffic Accidents in	Engineering and	Issue No. 12	024
	the city of Hyderabad	Science Invention	10000 1101 12	
		(IJESI)		
	Mode Choice Behaviour	International		
	Analysis Using MNL	Journal of	Vol 11	December,
	Regression: A Case Study in	Innovative	Issue No. 7	2024
	Uppal	Research in	13300 140.7	
		Technology		
	Enhancing Transportation	Journal of		
	Planning Through Travel	Emerging	Vol 11	December,
	Behaviour Clustering in	Technologies and	Issue No. 12	2024
Prof. D. Rajashekar	Machine Learning	Innovative	15546110. 12	
Reddy		Research		
		International Journal of		
	Planning of Cross Pedestrian	Engineering and	Vol 13	September,
	Facilities in Urban Areas	Science Invention	Issue No. 09	2024
		(IJESI)		
		Journal of		
	A Study on Pedestrian Level of	Emerging	Vol 11	.
	service of Sidewalks Using PTV	Technologies and	A OI 11	August,
	VISWALK	Innovative	Issue No. 08	2024
		Research		
		Journal of		
	Stabilization of sub grade	Emerging	Vol 11	
	material by using additives	Technologies and	Issue No. 08	
		Innovative		

		Research		
		International		
	Techno-Economical design of	Journal of		
	flexible pavement based on	Innovative	Vol 11	July, 2024
	the stabilization of soil using	Research in		, ,
	stone dust as an additive	Technology	Issue No. 2	
	storie dust as an additive			
		International		
	Effect of Aggregate gradation	Journal of	Vol 11	
	and binder parameters on	Innovative	VOLII	July, 2024
	rutting of bituminous	Research in	Issue No. 2	• *
	pavements	Technology		
		International		
	Study on pedestrian road	Journal of	Vol 11	
1	crossing Behaviour under	Innovative		June, 2024
	mixed traffic conditions	Research in	Issue No. 1	
		Technology		
	Assessment of Strength	International	_	
	Properties of Clayey Sand Soils	Research Journal	Volume 6	
	Admixed with Marble Powder,	of	Pages 159-	2024
	GGBS and Geotextile	Multidisciplinary	168	
	Reinforcement	Technovation		
	Strength Evaluation of Clayey			
	Sand Admixed with	Indian Journal of		
Prof. R. Srinivasa	Wollostonite with a Special		ISSN	2024
Kumar	Reference to Construction of	Science and	09746846	2024
	Geotextile Reinforced	Technology		
	Subgrade			
	Assessment of Strength	International		
	Properties of Clayey Sand Soils	Research Journal	https://doi.or	
	Admixed With Marble Powder,	of	g/10.54392/i	2024
	GGBS and Geotextile	Multidisciplinary	<u>rjmt24611</u> ,	
	Reinforcement	Technovation		
		International		
	An experimental investigation	Journal of		
	on flexural strength of bamboo	Emerging	ISSN : 2349-	2024
	reinforcement concrete	Technologies and	5162	2024
Prof. D. Annapurna	Telliforeement concrete	Innovative		
		Research		
	Flexural behaviour of Hybrid	International		
	and Graded Fibre Reinforced	Conference on	ISSN 2366-	2024
	Concrete	Cement and	2577	2027
		Building concrete		

	An extensive study on a viable cement alternative using different activator combinations	for a sustainable and Resilient infrastructure  Fourth international conference on sustainable energy, environment and green		2024
	Hydrodynamic and seismic analysis of balanced cantilever bridge	Third International conference on advances in concrete and construction engineering for sustainability	ICACC 2024	14 <sup>th</sup> to 17 <sup>th</sup> March,2024
	ANN-Based Prediction of Compressive Strength in Glass Wool Reinforced Brick	E3S Web of Conferences 559, 04006 (2024)	https://doi.o rg/10.1051/ e3sconf/202 455904006	08 August 2024
Dr. S.V.S.N.D.L Prasanna Dr. P. Anuradha	Assessment of Engineering Characteristics for Black Cotton Soil with Addition of Layered Stone Dust	E3S Web of Conferences 559, 04006 (2024)	https://doi.o rg/10.1051/ e3sconf/202 455904002	08 August 2024
Dr. Harich Cunta	Irrigation suitability assessment of urban wastewater for sustainable agriculture: a case study of Musi River	India Discover Water 4	1-16	2024
Dr. Harish Gupta	Lithium: A review of applications, occurrence, exploration, extraction, recycling, analysis, and environmental impact	Geoscience Frontiers	Impact Factor 3.4	2024

	Nutrient Dynamics in Small West-Flowing Tropical Mountainous Rivers of India	Applied Geochemistry 169	106035 Impact Factor 3.4	2024
	Assessment of Structural Response of RC Building under Blast Load	International Journal of Structural Engineering (IJSE)	Volume 6, Issue 2 Pg: 35-49	July- December 2024
Mr. R. Rajendar	Study of Behaviour of Self- Compacting Concrete with Recycled Concrete Aggregates by Different Curing Techniques	International Journal of Innovative Research in Technology (IJIRT)	Volume11, Issue 5 PP 197-204	October 2024

## 2023-24

Faculty Name	Paper Title	Journal Name	ISSN No.	Volume No. & Year
Prof. K.L. Radhika	Seismic Response of RC Framed Irregular Structures	International UKIERI Concrete Congress		18 September 2023
	Examining Mode Choice Modeling for Historical Heritage Destination: An Analysis Based on an Indian City	Asian Research Journal of Current Science	Volume 5, Issue 1	26 December 2023
Sr. Prof. M. Kumar	A Comprehensive Investigation of Pavement Evaluation Through Field and Laboratory and Prioritization	Lecture Notes in Civil Engineering	Volume 377	29 October 2023
	Mode Choice Behaviour in Leisure Travel: A Case	Lecture Notes in Civil Engineering	Volume 377	29 October 2023

	Study of Indian Cities			
	Reduction of Delays at Isolated Signalized Intersection using Novel Golden Eagle-Based Fuzzy Signal Controller	ELSEVIER	Volume 82	21 July 2023
Sr. Prof. V. Bhikshma	Evolutionary Design and Calibration of District Metered Area of Water Supply Networks Using H2OMAP Model	Journal of Hydrogeology & Hydrologic Engineering,	-	Vol. 6(1), Pp. 1-6
	"Modelling A Multi Criteria Decision Support System for Prequalification Assessment of Construction Contractors Using Critic and Edas Models."	Operation al Research in Engineering Sciences: Theory and Applications	ISSN: 2620- 1607	Vol. 4 (2), Pp.79- 101
	"An Investigation on Construction Crisis Framework Based on the CRITIC and WASPAS Methods, a Case Study; Khuzestan province (Iran).	Internation al Journal of Engineering and Advanced Technology (IJEAT)	ISSN: 2249- 8958	Vol. 10 (4), Pp.89- 100
Sr. Prof. M. Gopal Naik	"Designing a framework for subcontract or's selection in construction projects using an MCDM model" Operational Research in Engineering Sciences: Theory and Application	Operation al Research in Engineering Sciences: Theory and Applications	ISSN: 2620- 1607eIS SN: 2620- 1747	Vol. 3, Issue 3, 2020, pp. 48- 64
	Investigation on Built-up, Population and Road Network Density Dynamics using GIS, Regression and Causation Analysis— A Case Study of Hyderabad City, India	ASCE-Journal of Urban Planning and Development	Volume 149, Issue 3	2023
	Urban Rainfall Runoff Modelling Using HEC-HMS and Artificial Neural Networks: A Case Study	International Journal of Mathematical, Engineering and Management Sciences	Vol 8 (3), pp 403- 423	2023
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