

Publication 2023-24

Sr. No	Name of Faculty	Title	Journal details	Type- conference/ journal	Scopus/SCIE	Date of Publication	Calendar Year
1	Francis Otieno & Sanjay Kumar Shukla	How does mine tailings slurry solids concentration affect stability of dam embankment slope?	International Journal of Mining, Reclamation and Environment	Journal	SCIE	01 January 2024	2024
2	Hanuma Kasagani, S. R. R. Teja Prathipati, Srikanth Koniki, C. B. K. Rao	Experimental and analytical investigation of a model towards predicting the compressive stress–strain behavior of Graded Glass Fiber Reinforced Concrete (GGFRC) using fiber reinforcing index	Structural concrete	Journal	SCIE	02 January 2024	2024
3	Tirumala Yeruva, Venkata Rama Subba Rao Godavarthi	Comparison of environmental impacts of traditional geofoam and modified geofoam made with silicon-rich agro-waste ash and recycled EPS composites	Paddy and Water Environment	Journal	SCIE	03 January 2024	2024
4	S. Vasavi, Dibyaranjan Parida, N. Malathi, M. Sobhana and Reedhi Shukla	Advancing GIS map maintenance: change detection and update using ResU-Net: a case study on Chandigarh and	CURRENT SCIENCE, VOL. 126, NO. 3,	Journal	SCIE	03 February 2024	2024

		Hyderabad cities, India					
5	A. Ramachandra Murthy, P. K. Prasanna, G. Nipun ² , K. Srinivasu ³ , KumaraswamyGandla ⁴ ,Afzal Husain Khan ^{5*} & Ehab Sabi	Analysing the influence of ground granulated blast furnace slag and steel fibre on RC beams flexural behaviour	Scientific Reports, (2024) 14:4914	Journal	SCIE	01 March 2024	2024
6	Arpit Jain, Satyendra Mittal, Sanjay Kumar Shukla	Energy-based approach to study liquefaction triggering in homogeneous and stratified soils under consolidated undrained cyclic loading	Engineering Geology, 321, 107151.	Journal	SCIE	01 August 2023	2023
7	Varsha Gollapalli, Satish Sajja, B. V. V. R. L. Alekhya, B. Hemanth Kumar, C. Guru sai Haneesh	Effects of aquaculture on water quality in Gudivada region	E3S Web of Conferences, 399. 02004, International Conference on Newer Engineering Concepts and Technology (ICONNECT)	Conference	Scopus	12 July 2023	2023
8	Y. M. Srikanth, Satish Sajja	Optimal site selection for establishing solar power plant on solar radiation using GIS	E3S Web Conf. Volume 399, 2023 International Conference on Newer Engineering Concepts and Technology (ICONNECT-2023)	Conference	Scopus	12 July 2023	2023

9	Rahitya ragi, V. Mallikarjuna	Watershed Delineation and Morphometric Analysis using GIS and Remote sensing	E3S Web Conf. Volume 399, 2023 International Conference on Newer Engineering Concepts and Technology (ICONNECT-2023) Article Number 02002	Conference	Scopus	12 July 2023	2023
10	Jyotika Dande, V. Mallikarjuna	Site Selection for solid waste management in Krishna District, Andhra Pradesh using GIS	E3S Web Conf. Volume 399, 2023 International Conference on Newer Engineering Concepts and Technology (ICONNECT-2023) Article Number 02001	Conference	Scopus	12 July 2023	2023
11	S. R. R. T. Prathipati, Hanuma Kasagani	Performance Assessment of Recycled Aggregate Concrete Blended with Supplementary Cementitious Materials and Steel Fibers: An Approach Towards Developing Green and Sustainable Concrete	NIT Warangal december 2022 Advances in Construction Materials and Management, Lecture Notes in Civil Engineering 346, https://doi.org/10.1007/978-981-99-2552-0_38	Conference	Scopus	31 July 2023	2023
12	T. Sujatha	performance of slag based recycled coarse aggregate concrete with steel fibers	Materials today proceedings	Conference	Scopus	July 2023	2023

13	Leela Ganesh Karimiseti, B. Venkat Rao, Mallika Alapati, G. K. Viswanadh	Comparative study of with and without stiffeners in perforated steel plate shear walls for high rise steel buildings	High technology Letters	Journal	Scopus	01 July 2023	2023
14	B. Venkat Rao, Mallika Alapati, G. K. Viswanadh	Effect of perforation geometry, number and pattern on the seismic responses of steel plate shear walls	High technology Letters	Journal	Scopus	01 August 2023	2023
15	B. Venkat Rao, Mallika Alapati, G.K. Viswanadh	Outrigger and Belt Truss Optimal Location Study for High Rise Steel Building	High technology Letters	Journal	Scopus	01 August 2023	2023
16	Chadee A.1 , Narra M.2 , Mehta D.3* , Andrew J.1 , Azamathulla H.4	Impact of climate change on water resource engineering in trinidad and tobago	Larhyss Journal, 55 (2023), 215- 229	Journal	Scopus	01 September 2023	2023
17	M. Sobhana1 , V. Krishna Rohith2 , T. Avinash3 , N. Malathi4 , Smitha Chowdary Ch	AI Enabled Accident Black Spot Alerting Mobile System to Enhance Road Safety Using GMM-SVM	International Journal of Intelligent Systems and Applications in Engineering, 11(4), 734–742.	Journal	Scopus	01 September 2023	2023
18	Aaron Anil Chadee, Brandon Ali1 Vankeswaram Mallikarjuna2 Mohammed Jameel3	Application of the analytic hierarchy process for the selection of recycling rainwater/household grey	Modeling Earth Systems and Environment	Journal	Scopus	01 October 2023	2023

	Hazi Mohammad Azamathulla1	water to improve SIDS sustainability targets					
19	Dasi, A., Vani, K.S., Reddybathina, V., Charpe, A., Tadikonda, U.K.	Estimation of Water Quality Parameters Using Water Indices and GEE	Proceedings of IEEE InC4 2023 - 2023 IEEE International Conference on Contemporary Computing and Communications, 2023	Conference	Scopus	02 October 2023	2023
20	Preethi Parthiban, M. Ajay Saran, S.A. Sabari Kartheswaran, S. Vinoth, P.K. Prasanna, N. Lingeshwaran, Adarsh Kumar Ippili	An Experimental Investigation On Flexural Behaviour Of Functionally Graded Concrete	Materials Today: Proceedings	Conference	Scopus	03 October 2023	2023
21	R.V.M.Sai Krishna, Haroon Ali Khan, R.Vamsi and Sk. Khaja Sameer	Utilization of Treated Wastewater in Concrete	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	01 December 2023	2023
22	V. Narasimha Naidu1 *, Anuja U. Charpe2 , K. Rajan1 , M. Sai Charan1 and M. Karthikeyan1	Thermal Insulation of Roof using Composite Materials	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	02 December 2023	2023

23	S Lohith Sai 1*, Hanuma Kasagani2 , P Sri Ram Ravi Teja M Uday Kiran Naik1 , M Praveen D Jithendra1	Experimental Investigation on Thermal Insulation of Sustainable 3D Printable Concrete by Using Corncob Powder	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	03 December 2023	2023
24	G. Sheena Ecclesia , P. Krishna Prasanna	Flexural Behaviour of Skinned Beams with Different Shapes of Steel Mesh Confinements	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	04 December 2023	2023
25	Thakkellapati Charitha Varsha1 , Satish Sajja2* , B Ramya Aruna Siri1 , G Hari Prasad1 , and E Kashyap Tejo Sai1	Pedestrian behaviour analysis at intersection in Vijayawada for road user safety and infrastructure design	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	05 December 2023	2023
26	Vasavi Madala, Takkellapati.Sujatha	E	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	06 December 2023	2023

27	P Jayakalyani 1 , Takkellapati Sujatha 2 , P Nithin 3*, CH Mydili Priya 4 and J Mouni 5	Study on effects of TiO ₂ Nano particles on properties of concrete	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	07 December 2023	2023
28	Ch Nihar1*, U. V. Narayana Rao	Study on Mechanical Properties of Alkali- Activated Concrete Developed using Bio Cementation Process	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	08 December 2023	2023
29	Moshe Basaraboyina, Ramesh Velivela , Siva Rami Reddy Garimireddy and N S M Ravi Kumar	Structural Behavior Comparison on Earthquake Resistance of High-Rise Mall Building (Framed Structure, Flat Slab and PT Flat slab)	Advancements in Sustainable Materials and Infrastructure ASMI 2023 IOP Conf. Series: Earth and Environmental Science 12-13th sep	Conference	Scopus	09 December 2023	2023
30	Sukumar PRATHEBA, Natarajan BALASUNDARAM1, P. Krishna PRASANNA2, Nagarathinam LINGESHWARAN	Statistical Analysis Of Wastewater At Panjapur, Trichy	Civil and Environmental Engineering Vol. 19, Issue 2, 501-510,	Journal	Scopus	10 December 2023	2023

31	Venkatesh Noolu, Navyasri Bingi, Rama Vara Prasad Chavali	Assessing the synergistic effects of GGBS and glass fiber on expansive soil behavior using response surface methodology	Journal of Building Pathology and Rehabilitation ISSN2365-3167	Journal	Scopus	01 February 2024	2024
32	B. Srikanth, Ashwin Raut, Anuja Charpe & Rahul Reddy	Factors Affecting Improvements in Labour Productivity in Building Construction Projects— India	Lecture Notes in Civil Engineering book series (LNCE,volume 364)	Conference	Scopus	02 February 2024	2024
33	Sarah Jacob, Ali Saeidi, Rama Vara Prasad Chavali, and Abouzar Sadrekarimi	Assessment of the Relationship between Undrained Shear Strength and Geotechnical Parameters for Sensitive Clays of Eastern Canada	ASCE Geo-Congress 2024 9780784485309	Book Chapter	Scopus	04 February 2024	2024
34	Mahesh D. Phalke and S.F.R. Khadri	Using Geospatial techniques, morphometric investigation of the Nirguna (Bhikund) River Watershed in the districts of Akola and Washim, Maharashtra, India	International Journal of Geology, Earth & Environmental Sciences , 2023 Vol. 13, pp. 275-285	Journal	UGC CARE	01 March 2024	2024

35	Maresh D. Phalke and Khadri SFR	Hydrogeological investigation of Nirguna (Bhikund) River Watershed, using Remote Sensing and Geographical Information System techniques for watershed management in Akola and Washim Districts, Maharashtra, India	Quest Journals Journal of Research in Environmental and Earth Sciences Volume 9 ~ Issue 10 (2023) pp: 29-39 ISSN(Online) pp:2348-2532.	Journal	OTHERS	01 March 2024	2024
36	S. Sai Phani Swethaswari, Hanuma Kasagani, Anjaneyulu Naik, Chava Srinivas	AStainless Steel- Reinforced Concrete (SSRC): A review	Recent Advances in Structural Engineering. IACESD 2023. Lecture Notes in Civil Engineering, vol 455. Springer, Singapore.	Book Chapter	Scopus	01 March 2024	2024
37	SS. Asadi,Suma.Yarlagadda , D.Prasanna Kumar ,Asadi.Sai Namratha Reddy ,Asadi. Sai Bhavya Reddy	Evaluation of Customers Purchase Decision Impact on Branded over unbranded Apparel Analysis	Journal For Basic Sciences	Journal	UGC CARE/ SCOPUS	01 March 2024	2024
38	D. Jyothsna Sree, B. Panduranga Rao, and V. Ramesh	Time period determination for shaft- type elevated water tank	Recent Advances in Civil Engineering for Sustainable Communities. IACESD 2023. Lecture Notes in Civil Engineering, vol 459. Springer, Singapore.	Book Chapter	Scopus	01 March 2024	2024

39	Ravikanth D and Lakshmi Kesav	A review of impact assessment of 3D printing Technology in the field of modern construction	Recent Advances in Structural Engineering. IACESD 2023. Lecture Notes in Civil Engineering, vol 455. Springer, Singapore. https://doi.org/10.1007/978-981-99-9502-8_25	Book Chapter	Scopus	02 March 2024	2024
40	G. Sai Lakshmi & G. Yaswanth Kumar	Study on Properties of Alkali-Activated Concrete by Replacement of Fine Aggregate with Quartz Sand	Recent Advances in Structural Engineering. IACESD 2023. Lecture Notes in Civil Engineering, vol 455. Springer, Singapore. https://doi.org/10.1007/978-981-99-9502-8_39	Book Chapter	Scopus	03 March 2024	2024
41	Chava Srinivas	Ultra-High-Performance Concrete (UHPC): A state-of-the-art review of material behavior, structural applications and future	Electronic Journal of Structural Engineering	Journal	Scopus	01 September 2023	2023

42	Swetha Mallampati, Anuja U. Charpe, S. V. Vardhan Reddy, and J. Ajay Babu	Effect of Bio-cementation Process on Lightweight Bio-inspired Concrete	In International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development (pp. 207-219). Singapore: Springer Nature Singapore.	Book Chapter	Scopus	01 May 2024	2024
43	Goli Vasu Deva Kranthi Kiran and Moturu Tej Sai	Experimental Study on the Substitution of Natural Sand with M- Sand and Incorporation of Steel Fibers in Concrete	In International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development (pp. 207-219). Singapore: Springer Nature Singapore.	Book Chapter	Scopus	01 May 2024	2024
44	Hari Krishna, G., Khaja Sameer, S. K., & Rahmatulla, M.	The Influence of the Non- dimensional Slenderness Ratio on the Flexural Strength of Beams.	In International Conference on Interdisciplinary Approaches in Civil Engineering for Sustainable Development (pp. 285-297). Singapore: Springer Nature Singapore.	Book Chapter	Scopus	01 May 2024	2024

45	Bharathi, M., Raj, D., Dubey, R. N., & Shukla, S. K.	An Experimental Study on Vibration Induced by Dynamic Pile Load in an Adjacent Building	Indian Geotechnical Journal, 1-12	Journal	Scopus	01 April 2024	2024
46	Dr. Khadri	Using Geospatial techniques, morphometric investigation of the Nirguna (Bhikund) River Watershed in the districts of Akola and Washim, Maharashtra, India	International Journal of Geology, Earth and Environmental Sciences	Journal	UGC	01 December 2023	2023
47	Dr. Khadri	Remote Sensing and GIS- based Morphometric analysis of Bembla sub- basin in Maharashtra	Journal of Geomatics	Journal	UGC	01 February 2024	2024