

PUBLICATIONS AY 2024-25 (Till date)

S.No	Name of Faculty	Title	Journal details	Type-conference/ journal	Scopus/ SCIE	Date of Publication	Calendar Year
1	Kasagani, H., Srinivas, C., Anjaneyula Naik, K., Teja P, S. R. R., & Phani Swethaswari, S. S.	An experimental investigation on the corrosion resistance and bond behaviour of concrete reinforced with stainless steel and carbon steel bars – a comparative study	Journal of Building Pathology and Rehabilitation	Journal	Scopus	08 August 2024	2024
2	P Dewangan, G Sriram, VP Mahale, VK Gaddam	A recent catastrophic submarine slope failure in the Krishna-Godavari basin, Bay of Bengal, India	Landslides	Journal	SCI	24 September 2024	2024
3	VK Gaddam et al.	Mass Balance Assessment Using the “AARTI” Approach in the Baspa Basin, Indian Himalayas	Remote Sensing in Earth Systems Sciences	Journal	Scopus	01 September 2024	2024
4	Ray, A., Raavi, S., Gaddam, V. K., Prasad, S. K., Ranjan, R., & Gangadhar, K.	Leveraging Machine Learning and Google Earth Engine for Snowline Altitude Analysis: Insights from the Parbati Basin, India	International Journal of Geoinformatics	Journal	Scopus	15 September 2024	2024
5	ZA Urmi, A Yerro, A Saeidi, RVP Chavali	Prediction of retrogressive landslide in sensitive clays by incorporating a novel strain softening law into the Material Point Method	Engineering Geology	Journal	SCI	31 July 2024	2024
6	LM Bouharaoua; RVP Chavali; Y Lévesque; A Saeidi	Probabilistic and Deterministic Approach to define the Vertical Stress in Inclined Mine Stopes	International Journal of Geomechanics	Journal	SCI	November 2024	2024
7	Venkatesh, C., Mallikarjuna, V., Rao, G. M., Patil, S. K., kiran, B. N., Yashwanth, M. K., ... & Sree Lakshmi Devi, G.	Synergistic effects of graphene oxide and limestone calcined clay cement on mechanical properties and durability of concrete	Journal of Building Pathology and Rehabilitation	Journal	Scopus	03 July 2024	2024

8	Banerjee, K., Mallikarjuna, V., Chadee, A., Smith, I., Lakshmidevi, S., Singh, K., ... & Azamathulla, H.	Water distribution network leakage analysis using watergems: a case study from westmooring, trinidad and tobago.	LARHYSS Journal	Journal	Scopus	30 July 2024	2024
9	Rao, M. K., Narra, M., Srinivas, C., & Kiran, P. M.	Performance based evaluation on strengthening of flexible pavement using sbr and rice husk ash as filler material	Journal of Physics: Conference Series	Journal	Scopus	31 August 2024	2024
10	Afreen, M., Suma, Y., Sri, M. S., Rohit, G., & Raju, J. D. A.	Low cost water purifier using natural and waste material.	Journal of Physics: Conference Series	Journal	Scopus	31 August 2024	2024
11	Kruthika, K., Suma, Y., Naik, M. A. T., Chowdary, N. N., & Sai, P. P.	Experimental investigation on partial replacement of coconut shells as coarse aggregate and rubber as fine aggregate in concrete.	Journal of Physics: Conference Series	Journal	Scopus	31 August 2024	2024
12	Reddy, B. C. K., Gayatri, A., Prasanna, P. K., Naik, B. K. S., Jeenith, G., & Narasimha, G.	Effect of Granite Slurry Powder on Characterization of Geopolymer Concrete.	Journal of Physics: Conference Series	Journal	Scopus	31 August 2024	2024
13	Reddy, B. C. K., Sameer, S. K., Ramesh, V., Sriya, B., Gayatri, A., & Babu, K. M.	Sustainable Development of 3D-Printable Quaternary Geopolymer Concrete.	Journal of Physics: Conference Series	Journal	Scopus	31 August 2024	2024
14	Prathipati, S. T., Vardhan, J., Murali, D., Nithin, C., & Sai, C. K.	An experimental study on the effect of a Viscosity Modifying Agent on the rheological and strength behaviour of 3D Printed Concrete.	Journal of Physics: Conference Series	Journal	Scopus	31 August 2024	2024
15	S Jacob, A Saeidi, RVP Chavali, A Sadrekarimi	A comparative study between sensitive clay deposits in the Laflamme and Champlain basins of Eastern Canada	Geomontreal Proceedings	Conference	-	September 2024	2024
16	UV Narayana., & Kumar, C. N. S.	Comprehensive review on fresh and hardened properties of self compacting concrete with industrial wastes.	AIP Conference Proceedings	Conference	Scopus	22 July 2024	2024
17	A Saeidi, M Seifaddini, RVP Chavali, A Tremblay & Z Bayati	Back-Analysis Approach for Slope Stability Evaluation in Sensitive Clay: Case Study, La Baie Region in Quebec	Proceedings of the 17th Pan-American Conference on Soil Mechanics and Geotechnical Engineering (XVII PCSMGE), and 2nd Latin-American Regional Conference of the	Conference	-	12-16 November 2024	2024

			International Association for Engineering Geology and the Environment (IAEG), La Serena Chile, 2024.				
18	Malathi Narra, Meghna Vij, K. S. Shreenidhi, Harishchander Anandaram, B. S. Hari, S. Boopathi	Redefining Sustainability in Building Practices in Circular Construction Process	Innovations in Energy Efficient Construction Through Sustainable Materials	Book chapter	Scopus	November	2024
19	Malathi Narra, Harsha Vardhan Reddy, Vinay Kumar Gaddam, Shashidhar Raju Nandhuri, Tejaswini Vallepu, Sai Sumath	Application of Google Earth Engine NDVI Trend to Study Yield of Sugarcane Crop Using Sentinel 2 Data	Navigating Usability and User Experience in a Multi-Platform World	Book chapter	Scopus	November	2024
20	Vinay Kumar Gaddam	Estimates of Glaciers Mass balance and volume in Baspa basin, Indian Himalaya	Journal of the Indian Society of Remote Sensing	JOURNAL	SCIE		
21	Malathi Narra, Molugaram Kumar	Reduction of Delays at Isolated Signalized Intersection using Novel Golden Eagle-Based Fuzzy Signal Controller	Transportation Research Procedia Volume 82, 2025, Pages 3752-3767	Conference	scopus	January	2025
22	M. S. Deshmukh1, M. M. Deshmukh and S. F. R. Khadri	Palaeomagnetic Polarity of the Deccan Basalt Lava Flows, Exposed Around Eastern Part of Amaravati city, Central india: Implications of N-R Sequece	Journal of Scientific Research, ISSN 2070-0237	Journal	UGC care	January	2025
23	by Yassine Brahami, Mathieu Fiset, Ali Saeidi, Kadiata Ba, and Rama Vara Prasad Chavali	Effect of Cement Replacement by Bauxite Residue on Mechanical Properties of Concrete	ACI MATERIALS JOURNAL	Journal	SCIE	February	2025
24	Musa Adamu*, Yasser E. Ibrahim, Anuja U. Charpe, and Ashwin Narendra Raut	Multicriteria-based optimization and multivariable non-linear regression analysis of concrete containing blends of nano date palm ash and eggshell powder as cementitious materials	Nanotechnology Reviews 2025; 14: 20250141	Journal	SCIE	February	2025
25	S Mahanthi1*, M Kantarao2, S Uma Maheswara Rao1, M Niharika1 and Sk Shami Munnisa1	Sustainable mix design for 3D printable concrete	International Conference on Materials Innovation and Sustainable Infrastructure, Journal of	Conference	scopus	August	2024

			Physics: Conference Series 2779 (2024) 012052				
26	Satish Sajja	Real-time Traffic and Traffic Flow Prediction using Machine Learning Algorithm for Optimal Route Planning in Electric Vehicles	IEEE Conference 2024 Second International Conference Computational and Characterization Techniques in Engineering & Sciences (IC3TES) Lucknow, India. Nov 15- 16, 2024	Conference	scopus	February 2025	2025