

LIST OF FACULTY PUBLICATIONS 2023

Sl. No.	Name of the Teacher (s)	Title of Paper	Publication citation	Indexing
1	Dr D MANIKANTA	Assessment of engineering properties of slag mixtures as a bottom liner in landfills	Environmental Geotechnics 40 (2023): 1-13.	SCIE, Q2 IF – 2.56
2	Dr D MANIKANTA	Influence of Bagasse Ash Powder and Marble Powder on Strength and Microstructure Characteristics of Alkali Activated Slag Concrete Cured at Room Temperature for Rigid Pavement Application	Journal Cleaner Materials, 100200 Elsevier	SCOPUS – Q1
3	Dr D MANIKANTA	Sustainability of Cutoff Walls for Environmental Containment: A Review	Sustainable Energy Storage for Furthering Renewable Energy, 87-105, Begellhouse	Book Chapter
4	Dr D MANIKANTA	Suitability of Bauxite Residue as a Landfill Liner Material – An Overview	Geoenvironmental and Geotechnical Issues of Coal Mine Overburden and Mine Tailings, Springer	Book Chapter
5	MD KHALID S	Potential Utilization of industrial effluents in ternary blended geopolymer concrete for future sustainable environment	Innovative Infrastructure Solutions, Springer 8. 3 (2023): 104.	ESCI, Q2
6	MD KHALID S	Influence of self healing behavior of bacteria and E-waste incorporated concrete on its mechanical properties.	Materials Today: Proceedings	SCOPUS – Q2
7	MD KHALID S	Effect of ternary blends on mechanical strength, durability and microstructural properties of geopolymer concrete.	Iranian journal of Civil engineering/ Springer	SCIE- Q3.
8	TANU H.M.	Mechanical Strength and Microstructure of GGBS-SCBA based Geopolymer Concrete	Journal of Materials Research and Technology/ Elsevier 24 (2023): 7816-7831.	SCIE- Q1 IF – 6.4
9	TANU H.M.	Review on Durability of Geopolymer Concrete Developed with Industrial and Agricultural Byproducts	Materials Today: Proceedings/ Elsevier	SCOPUS – Q2
10	TANU H.M.	Durability and elevated temperature behaviour of geopolymer concrete developed with ground granulated blast furnace slag and sugarcane bagasse ash	Journal of Building Pathology & Rehabilitation/ Springer.	SCOPUS- Q2, IF= 2.63
11	TANU H.M.	Evaluation of strength, durability, and microstructure characteristics of slag-sand-induced concrete	Cleaner Materials/ Elsevier	SCOPUS- Q1.
12	SYED SADATH ALI	Application of index of entropy and Geospatial techniques for landslide prediction in Lunglei district, Mizoram, India	Natural Hazards Research	SCOPUS – Q4
13	SYED SADATH ALI	Spatio- Temporal Agricultural Drought Monitoring using remote sensing Indices	Advancement of GI- Science and sustainable agriculture/ Springer-	Book chapter.