

Profile Page



Name : Dr Koteswara Rao Jadda

Designation : Assistant Professor Grade-ii

Department : Civil Engineering

Qualification : PhD Geotechnical Engineering (IIT Patna)
MTech Geotechnical Engineering (NIT Jamshedpur)
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Research Interests :

- Geotechnical and Geoenvironmental Engineering
- Soil Stabilization, Ground Improvement
- Clay Mineralogy
- Unsaturated soil mechanics
- Landfill Liners and Covers
- Thermal Effects on Geomaterial Behavior

Other Profile Links :

Google Scholar Link :

Koteswara Rao Jadda [Click Here](#)

Personal Web Link :

Vidwan Profile [Click Here](#)

ResearchGate [Click Here](#)

Journal Publications :

Year	Journal	Publication
2022	Engineering Geology, 298, 106535, SCI, IF:6.9	Koteswara Rao Jadda & Bag R "The fabric evaluation of two Indian bentonites subjected to different suctions and consolidation pressures"
2022	Journal of Hazardous, Toxic, and Radioactive Waste (ASCE), 26, 1–13, ESCI	Koteswara Rao Jadda & Bag R "Thermochemical effect on swelling pressure and microstructure of monovalent and divalent Indian bentonites"

2022	Geotechnical and Geological Engineering, 40:3443-3455, ESCI	Bag R, Bharti A, Koteswaraarao Jadda & Kumar MLSSK "Comparative study between MLR and ANN techniques to predict swelling pressure of expansive clays"
2021	Bulletin of Engineering Geology and the Environment, 80, 8597-8614, SCI, IF:4.3	Bag R & Koteswaraarao Jadda "Influence of water content and dry density on pore size distribution and swelling pressure of two Indian bentonites"
2020	Engineering Geology, 272, 105637, SCI, IF:6.9	Koteswaraarao Jadda & Bag R "Variation of swelling pressure, consolidation characteristics and hydraulic conductivity of two Indian bentonites due to electrolyte concentration"
2020	Environmental Earth Sciences, 79(9) 197, SCI, IF:3.1	Koteswaraarao Jadda & Bag R "Effect of initial compaction pressure and elevated temperature on swelling pressure of two Indian bentonites"

Conference Publications :

Year	Conference	Publication
2018	7th International Conference on Unsaturated soil	Effect of sand ratio on Swelling pressure and Hydraulic conductivity of an Indian bentonite-sand mixture
2017	Indian Geotechnical Conference	Ageing effect on microstructure of compacted bentonite under various applied suction

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISS N No.	Year
Book Chapter	The Effect of Sand Ratio on Suction and Swelling Pressure of Two Bentonite-Sand Mixtures	Lecture Notes in Civil Engineering (Springer)	Bag R & Koteswaraarao Jadda	978-981-33-4324-5	2021
Book Chapter	Hydro-Mechanical Behavior of Glass Fiber Reinforced Clay Barriers	Lecture Notes in Civil Engineering (Springer)	Koteswaraarao Jadda, Kumar I S & Bag R	978-981-33-6370-0	2021
Book Chapter	The Effect of Saline Fluid on Hydraulic Properties of Clays	Lecture Notes in Civil Engineering (Springer)	Koteswaraarao Jadda & Bag R	978-981-15-0890-5	2020

Award and Honours :

Title	Activity	Given by	Year
Conference:- Session Chair	Session Chair (International Conference on Advances in Civil Engineering ICACE-2022)	Technology Research and Innovation Centre India	2022
FDP Guest Lecture	Delivered a guest lecture on "Current Trends & Research in Civil Engineering (CTRCE)"	FDP organized by MVSR Engineering College, Nadargul, Hyderabad, Telangana, India	2022

Travel grant	Participation in International Joint-Research and Training Program, International Workshop on promoting Sustainable Protection and Restoration of Soil, Groundwater and Water Environment	Ministry of Science and Technology, Taiwan	2019
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