Profile Page

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Research Interests :

Highway Materials
Pavement Design
Pavement Management System
Sustainable Soil Improvement Techniques
Sustainable Waste Management

Journal Publications :

Year	Journal	Publication
2022	Transportation Infrastructure Geotechnology	Roop Kishor and V. P. Singh, Evaluation of expansive soil amended with fly ash and liquid alkaline activator
2022	Materials Today: Proceedings	Amrisha Khandelwal, Roop Kishor and Vishwajeet Pratap Singh, Sustainable utilization of sugarcane bagasse ash in highway subgrade- a critical review
2021	International Journal of Pavement Research and Technology	Roop Kishor, V. P. Singh and R. K. Srivastava, Mitigation of expansive soil by liquid alkaline activator using rice husk ash, sugarcane bagasse ash for highway subgrade
2017	International Journal of Pavement Research and Technology	Anjani Kumar Yadav, Kumar Gaurav, Roop Kishor, S.K.Suman, Stabilization of alluvial soil for subgrade using rice husk ash, sugarcane bagasse ash and cow dung ash for rural roads

Conference Publications :

Year	Conference	Publication

2020	Second ASCE India Conference on "Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies" (CRSIDE2020), Novotel Kolkata	Roop Kishor and V P Singh, Strength and microstructural characteristics of highly expansive soil treated with sugarcane bagasse ash based geopolymer for pavement subgrade
2018	International Conference on "Pavements and Computational Approaches" (ICOPAC-2018), CRRI NEW DELHI	Roop Kishor and V P Singh, Calculation of carbon footprint and cost analysis for sustainable highway design by using life cycle assessment approach: a case study
2017	Indian Geotechnical Conference 2017, IIT Guwahati	V P Singh, Roop Kishor, Vishal Kumar Soni, Sumit Gupta, Sumit Kumar Sinha and Sudhir Kumar Sah., Sustainability practices in design of highway fill of black cotton soil: a case study