

Project PI: Rakesh Paswan

Project Title: Indigenous Grouting and Sealing Materials for Seepage Control and Rehabilitation of Hydraulic Structures

Name of Client: Department of Water Resources, RD&GR, Ministry of Jal Shakti, 'E' Block, Shastri Bhawan, New Delhi

Objectives: To Develop Microfine cement-based grout formulations using SCMs, and mineral fillers. To study the influence of particle size, w/b ratio, and admixtures dosage on flowability and setting behaviour. To evaluate mechanical strength, permeability reduction, and volume stability of the developed grout systems. To assess durability under continuous saturation, high alkalinity, etc.