

Department of Civil Engineering

Sl. No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount (in Lakh)	Start Date of Project (in dd-mm-yyyy)	End Date of Project (in dd- mm-yyyy)	Name of PI
1	Bilingual (English & Hindi) LLM Framework for Real-Time Interpretation of Tailing Dam Break Simulations for Improved Emergency Planning and Decision Support	TEXMiN (Technology Innovation in Exploration & Mining Foundation), DST, New Delhi	21.62	13.11.2025	12.11.2027	Prof. Abhishek Kumar Pandey
2	A Novel Machine Learning-Driven Real-Time Flash Flood Forecasting Framework Using 3D Storm Bias-Corrected and Downscaled Satellite-Based Precipitation Estimates	Anusandhan National Research Foundation (ANRF), New Delhi	50.04	12.03.2026	11.03.2029	Prof. Shushobhit Chaudhary
3	Augmenting Fire Vulnerability of Masonry Structures: Field Investigation, Laboratory Testing, Development of ML Based Model, and Suggestive Guidelines towards Fire Safety	Anusandhan National Research Foundation (ANRF), New Delhi	40.44	19.03.2026	18.03.2029	Prof. Sanket Nayak
4	Investigating the impact of saturation and stress state on the mechanical behavior and design characteristics of subgrade soils under repeated loadings	Zydex Industries Private Limited, Vadodara, Gujarat	15.01	25.03.2026	24.03.2030	Prof. Avinash Kumar Singh