

Department of Mining Engineering						
Sl. No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Lakh)	Start Date of Project (in dd-mm-yyyy)	End Date of Project (in dd-mm-yyyy)	Name of PI
1	Development of Indigenous Synthetic Aperture Radar Data Analytics Engine powered by Big Data and Deep Learning	DST, New Delhi	48.40	09.06.2025	08.06.2028	Prof. Dheeraj Kumar
2	Assessment of critical minerals in mine and mineral wastes for sustainable utilisation	Ministry of Mines	25.75	24.03.2025	23.03.2027	Prof. Devi Prasad Mishra
3	Design of paste backfill for Singhali underground coal mines, Korba, Chhattisgarh	TMC Mineral Resources Private Limited, Raipur, Chhattisgarh	35.40	18.08.2025	17.08.2026	Prof. Santosh Kumar Behera
4	Quarterly Subsidence Monitoring Survey by using Total Station as main technique and partial use of integrated approaches for Khetri & Kolihan Copper Mine for 20 Quarters (05 Years)	Hindustan Copper Limited, Jhunjhunu, Rajasthan	78.23	31.10.2025	30.10.2030	Prof. Mohammad Soyeb Alam
5	Conducting scientific study for the loading/stability analysis of the developed pillars of seam I and Seam II below the OB dump at New Akashkinaree Colliery'	BCCL, Dhanbad	9.99	13.10.2025	12.10.2026	Prof. Ashok Kumar
6	AI-enabled Mine Inspection for Health and Safety and Data Analyses for Development of Risk Indices (AIMSURE)	Wadhvani Innovation Network-Center of Excellence (WIN-CoE), Dhanbad	81.59	01.01.2026	31.12.2027	Prof. Siddhartha Agarwal
7	Detection and Monitoring of Slope stability using Satellite-based SAR Interferometry (InSAR) and Ground-based Observation Techniques for Tara (East & West) Coal Mines, Churulia	Tara Coal Mining Private Limited, Durgapur, Bardhaman, West Bengal	106.20	16.01.2026	31.03.2028	Prof. Mohammad Soyeb Alam
8	CoRE-MiN Centre of Excellence	The Ministry of Mines (MoM), Government of India	0.00	-	-	
9	Development of Innovative Extraction Method for Safer Extraction of Coal Seam by Underground Method with Higher Productivity and Percentage of Extraction using Continuous Mining System	Coal India Limited (Central Mine Planning & Design Institute Limited), Ranchi	131.37	02.03.2026	01.03.2027	Prof. Arka Jyoti Das