Department of Petroleum 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 an integrated workflow based on geoscientific data analysis for identification of Coal Bed Methane (CBM) resource prospectivity at the bidding stage	Directorate General of Hydrocarbons (DGH), Ministry of Petroleum & Natural Gas, Government of India, Noida	8.80	06.06.2025	05.12.2026	Prof. Vinay Kr. Rajak
2	Development of Novel Zwitterionic Biosurfactants for Improved Hydrate-Based Geological Carbon Dioxide Sequestration: A Strategy for Combating Global Climate Change	Anusandhan National Research Foundation (ANRF)	41.64	03.06.2025	02.06.2028	Prof. Chandan Sahu
3	Development and Optimization of Eco-Friendly Surfactants / Polymer Dust Suppressants for Coal Mine Areas of Jharkhand	Jharkhand State Pollution Control Board (JSPCB), Ranchi	31.90	22.07.2025	21.04.2026	Prof. Ajay Mandal
4	GHG estimation from abandoned wells and coal mines	Ministry of Environment, Forest and Climate Change (MoEFCC), Govt. of India	78.90	01.08.2025	31.07.2026	Prof. Rajeev Upadhyay
5	Development of Prospectivity Mapping Framework and Tools for Geological Hydrogen Exploration	Safechem Enterprises Pvt. Ltd. (Spectrum Impact), Mumbai, Maharashtra	57.50	04.07.2025	31.03.2026	Prof. Raj Kiran
6	Development of High Performance Drag Reducing Agents for Efficient Pipeline Transport of Heavy Crude Oils	Royal Castor Products Limited (RCPL), Sidhpur, Patan, Gujrat	14.33	16.09.2025	15.09.2026	Prof. Vikas Mahto
7	Development of Novel Self-Healing Cement Additive for Oil and Gas Fields of Oil India Limited	Oil India Limited, Dibrugarh, Assam	97.21	09.09.2025	08.09.2027	Prof. Vikas Mahto
8	Development of hybrid drilling techniques for efficient and sustainable critical mineral exploration and mining	Ministry of Mines (MoM), Govt. of India	10.29	19.12.2025	18.12.2028	Prof. Mohammed Hamid Siddique
9	Development of a Novel Formate-Based Injection Method for Enhanced Carbon Storage and Oil Recovery in Cambay Basin Oil Fields: Supporting Energy Security and Net-Zero Goals	Anusandhan National Research Foundation (ANRF), New Delhi	31.38	16.03.2026	15.03.2029	Prof. Neetish Kumar Maurya