

হাইড্রোকার্বন ইউনিটের গবেষণা কার্যক্রম ২০২৩-২৪

ক্রমিক নং	গবেষকের নাম	পদবি ও প্রতিষ্ঠান	গবেষণা প্রস্তাব
১	M. Saiful Islam	Associate Professor, Department of Geology, University of Dhaka.	Identification and Characterization of Lower Bhuvan Sandstone Reservoirs in the Northeastern Region of Bangladesh
২	Dr. Mohammad Islam Miah	Associate Professor, Department of Petroleum and Mining Engineering, Chittagong University of Engineering & Technology	Log Data-Based Improved Model for Predicting Water Saturation of Sandstone Reservoir Using Machine Learning Techniques
৩	Prof. Dr. Md. Minhaj Uddin Monir	Professor, Department of Petroleum & Mining Engineering Faculty of Engineering & Technology, Jashore University of Science & Technology	Co-firing of bituminous coal and wood sawdust for sustainable energy potentially: A case study of Barapukuria coal
৪	Syed Humayun Akhter, PhD	Vice-Chancellor, Bangladesh Open University	Evaluating Hydrocarbon Prospectivity of Thin Bed Reservoirs in the Eastern Fold Belt of Bangladesh
৫	Dr. Md. Shofiqul Islam	Professor, Department of Petroleum and Mining Engineering, Shahjalal University of Science and Technology	Energy security analysis of Bangladesh using Agent-Based Modeling and Machine learning Approaches
৬	Dr. Md. Mahmudul Hassan Mondol	Assistant Professor, Department of Chemical Engineering, Khulna University of Engineering & Technology	MOF on MOF-derived carbon-metal-nitrogen composites catalyst for hydrogen energy production
৭	Dr. Mohammad Rakib Uddin	Professor, Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and Technology	Predictive model development for the conversion of municipal solid waste to green energy
৮	Dr. Mosharof Hossain	Principal Scientific Officer, Institute of Energy Research and Development (IERD), Bangladesh Council of Scientific and Industrial Research (BCSIR)	Biogas Purification using Chitosan Supported Ionic Liquid Phase Materials
৯	Dr. Mohammed Mahbubur Rahman	Professor and Head Department of Petroleum and Mineral Resources Engineering (PMRE), BUET	A study of the reservoir fluid properties and phase behaviour of Titas Gas Field
১০	Dr. A. B. M. Alim Al Islam	Professor, Department of Computer Science and Engineering (CSE), BUET	Identification of Potential Sectors and Involved Technologies Implementable in Line with 4IR for the Energy Sector