

Joint PhD Programme of IIT Guwahati and IIT (BHU) Varanasi – July 2025

Sl. No.	Supervisor from IIT Guwahati	Code	Supervisor from IIT BHU	Title of the Project
1	Dr. Debasis Manna, Department of Chemistry	JD_CH_DM-PT	Dr. Prabhat Tripathi, Department of Chemistry	Synthesis of Supramolecular Ion Channels for Selective Transport of Cation Across Lipid-bilayers
2	Dr. Nageswara Peela, Department of Chemical Engineering	JD_CL_NP-SK	Dr. Sanjay Katheria, Department of Chemical Engineering and Technology	Methanation of carbon dioxide in micro-structured reactors for space applications
3	Dr. Vivek Padmanabha, Department of Civil Engineering	JD_CE_VP-BP	Dr. Bharadwaj Pandit, Department of Mining Engineering	Experimental and numerical analysis of rocks subjected to high velocity rigid projectile impacts
4	Dr. Nanda Kishore, Department of Chemical Engineering	JD_CL_NK-JC	Dr. Jyoti Prasad Chakraborty, Department of Chemical Engineering and Technology	Detailed Study on Effects of Hydrodynamics of Various Reactors on Bio-aviation Fuels Production
5	Dr. Pankaj Kalita, School of Energy Science and Engineering	JD_EN_PK-JC	Dr. Jyoti Prasad Chakraborty, Department of Chemical Engineering and Technology	Extraction of aviation fuel from lignin
6	Dr. Pankaj Upadhyay, Department of Design	JD_DD_PU-ED	Dr. E. V. S. Kiran Kumar Donthu, Department of Architecture, Planning and Design	Frugal Innovation Principles in Architectural Applications