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PRESS RELEASE

IIT (ISM) Dhanbad Faculty Members Awarded Prestigious PM ECRG Grant

Three newly joined faculty members of the Department of Chemistry and Chemical Biology at IIT (ISM) Dhanbad—Prof. Ananya Banik, Prof. Jadab Majhi, and Prof. Sunil Pulletikurti—have been awarded the prestigious Prime Minister’s Early Career Research Grant (PM ECRG), marking a significant achievement for the institute.

The recognition underscores the exceptional research capabilities and academic promise of the young faculty members, further strengthening the department’s growing reputation in cutting-edge scientific research.

Prof. Ananya Banik’s research focuses on solid-state chemistry, particularly in the development of advanced materials for energy conversion and storage, including solid-state batteries and ionic conductors. Her work aims to design high-performance solid electrolytes and understand thermal transport in superionic solids.

Prof. Jadab Majhi specializes in synthetic organic chemistry with key interests in photoredox catalysis, organometallic chemistry, and biocatalysis. His research contributes to the development of efficient and sustainable chemical synthesis methodologies.

Prof. Sunil Pulletikurti’s research explores the synthesis of phospholipids and their applications as microreactors, as well as their role in drug delivery systems, lipid oxidation, and the chemical origins of life.

Expressing his pride, Prof. Sumanta Kumar Padhi, Head of the Department of Chemistry and Chemical Biology, said that the achievement reflects the high-quality research being undertaken by the newly inducted faculty and highlights the institute’s commitment to fostering innovation and excellence.

The PM ECRG is a highly competitive grant aimed at supporting early-career researchers in pursuing impactful research across disciplines.

Rajni Singh
Dean (Corporate Communications)