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To,

Mr. Mohit Kumar Saini Department of Physics, IIT Patna, India E-mail: 2201ph17 mohit@iitp.ac.in Kanpur, 06/01/2025

## Sub: Experience certificate as a part of winter internship of Mr. Mohit Kumar Saini

It is my immense pleasure to write an experience certificate to Mr. Mohit Kumar Saini from Department of Physics, IIT Patna, India who worked in our laboratory of molecular thin films at the Department of Chemistry, Indian Institute of Technology, Kanpur. Mr. Saini joined our team on the 6<sup>th</sup> of December, 2024 and ended his winter internship on the 6<sup>th</sup> of January, 2025. During his stay at IIT Kanpur, he worked on the topic "Electrochemical supercapacitors of Fe<sub>3</sub>O<sub>4</sub> NPs covalent functionalized with aryl organic molecules".

He learned about the synthesis, and characterization of nanoparticles, and different organic compounds. He was introduced to many instruments including electrochemical work station, XRD, FT-IR GCD, and cyclic voltammetry techniques. During his stay, he also actively participated in group meetings and he has made a report of the experimental work.

Overall, his performance in our team was satisfactory.

I wish him a fruitful academic journey ahead.

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Best,

Dr. Prakash Chandra Mondal

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