

BOSE INSTITUTE

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To Whom It May Concern:

It is a pleasure to recommend Ms. Brinti Mondal, M.Sc. student at Dept. of Energy Science & Engineering, IIT, Bombay, in support of her doctoral application.

Brinti had undertaken a short internship under my guidance from June- July, 2019 at Dept. of Biophysics, Bose Institute. During her tenure in my lab, she had an opportunity to learn the basic biological techniques and gained knowledge on bioseparation methods and preparation of protein samples for X-ray crystallography. She also learned handling bacterial culture, its growth and maintenance.

Brinti has a good academic track record reflecting her intelligence and scholastic excellence. She has completed her BSc (Chemistry) from University of Calcutta and secured first class grade. She was among the top 10% of the students who qualified in IIT JAM in Chemistry. As a part of her M.Sc. curriculum she has worked on the application of Metal-organic Framework (MOF) in the field of Electrochemical Energy storage systems, specifically in Supercapacitors. She had learned various characterization techniques including chronopotentiometry, cyclic voltammetry, and impedance spectroscopy as a part of her academic project work. She has also gained research experience through various other internship projects at IIT, Bombay indicating her enthusiasm towards science and clear vision for opting career as a researcher.

She is a good student with a lively curiosity and has proved to be keen on learning the elements of experimental design. She has a fair understanding of the theoretical concepts behind the experimental tools that she has been working with. I believe that she will make a significant contribution to your research, given a chance to pursue doctoral studies. In short, I recommend her application for the program and hope that the committee judges her application favorably.



Smarajit Polley