



To Whom It May Concern
5th Jan., 2025

It gives me immense pleasure in recommending **Mr. Jishnu Sarathi Deb** for Ph.D program at your university, on fall of 2025. I have known him for one and half year (during 2023-24 to 2024-25) in my capacity as Associate Professor, Department of Biotechnology, Heritage Institute of Technology, Kolkata, India. I am his final year project supervisor, as well as I have taught him two theory courses, Advanced Genetic Engineering, Genomics & Proteomics, and one laboratory course on Advanced Genetic Engineering Lab in the graduate MTech (Masters) Biotechnology degree program of Heritage Institute of Technology affiliated to MAKAUT (formerly known as West Bengal University of Technology, WBUT), Kolkata, India.

In this context, I wish to place him on record the consistently brilliant academic performance of **Mr. Deb** during these one and half year of study.

As per his performance records, he can be placed in the top 5% of a class of 18 students in my subject and is placed on the overall in the top 5%. His rank is 2nd in his class with a grade point 9.75 out of 10. He is intelligent, interested to gain an in-depth knowledge. With his determination and work I have no doubt that he will succeed in all his endeavors.

He started his project work in my lab. Also, as a guide of his MTech final year project in the field of "Examining the Role of Vitamin A & E in the Prevention of Asthmatic Lung Damage", in collaboration with Prof. Koustubh Panda's lab, Dept. of Biotechnology, Calcutta University, Kolkata and our department of biotechnology, I am pleased by his interest in the study of molecular biology, biochemistry, bioinformatics.

He is regular and hard working in his class as well as in his project work. He is shown the motivation, intelligence, preserving nature and analytical aptitude for graduate study and research. He is extremely co-operative and possesses the capacity to contribute positively while working as a team and independently. His oral and written communication in English is very strong which is judged by his chalk board presentation, poster presentation and PPT presentation through my courses, as well as during the starting of his MTech. project in my Lab.

In my view **Mr. Deb** was one of the best student among my students. I am sure he will be an excellent graduate research student. I recommend him in the strongest terms for the Ph.D. Program at your university with financial assistance.

It would indeed be a pleasure to discuss on any aspect of **Mr. Deb's** academic performance or potential, as you deem appropriate.

Nandan Kumar Jana

Dr. Nandan Kumar Jana, B.Sc. (Chem. Hons, R.K. Mission College, Narendrapur, CU) M.Sc. (Biochemistry, CU), Ph.D. from CU/ BOSE INST. (Biochemistry /Molecular Biology) Post Doc. (UCONN Health Centre, Farmington CT, and UNC at Chapel Hill, NC, USA)

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(An Initiative of Kalyan Bharti Trust)

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