

I am interested in researching several fields of biology. I am particularly interested in cellular and molecular biology, and genetics. These topics have triggered my interest because they are very promising and revolutionary fields. I believe that genetics (especially human genetics) could be one of the most important accomplishments for scientists. I personally would like to be involved in research that focuses on gene regulation and the involvement of genes in the development of human diseases.

To succeed in a PhD program, I will rely on my educational background in biology and my experience in past research. I believe that my passion, creativity and the ability to work independently as well as in groups are the qualities which will lead me to become a successful researcher.

I would like to join the biology department at **IIT Kharagpur** primarily due to its interdisciplinary nature of studies and the wide research areas available. **Ph.D** study at **IIT Kharagpur** will give me an opportunity to pursue my interest in molecular biology and genetics through interdisciplinary approaches. It will allow me to interact with students and researchers with diverse educational backgrounds and interests. I look forward to enhancing my skills and knowledge through working in a research environment in the biology department.

In the future, I hope to be involved in a research setting in an academic or industrial institution, sharing my knowledge and findings with future generations of researchers.