

'A Master's in the field of food Engineering and Technology'

My decision to choose Food Engineering and Technology was not an impetuous one, rather it was developed over time. First, I expected to be a dairy Technologist and completed my bachelors degree in the same. During that period, I was taught fundamentals and concepts of food technology which sparked an interest in me and motivated me to pursue it as a career.

Inspiration and enthusiasm well up in me when I'm at work; I have worked as an intern in Banas Dairy (AMUL), Faridabad, India as well as Dairy Development Corporation (DDC), Hetauda, Nepal. During this period, I became completely familiar with food and dairy industry, the equipments, lab works etc.

Of course now, I want to move forward for a masters degree, and I chose IIT, Kharagpur because of its exceptional projects and accomplishments in the field of Engineering & Technology. I am confident of making an original contribution to the field of Food Engineering and Technology since the facilities at IIT, Kharagpur seem to foster a healthy research environment as I could gather from the brochure of your organization.

I am mostly intrigued by Dr. Jayeeta Mitra's project concerning cellulose nanomaterial derived from raw cucumber peels which can be used for deriving new bio-materials which are useful as nano-filters in bio-composites. Also, Prof. Prem Prakash Srivastava's project on the emerging frontier technology of current century as it is always a challenge to provide food sustenance to the growing population.

Malnutrition remains a major concern in my country, Nepal. According to UN World Food Program (WFP), more than 40% of Nepalese children younger than 5 years are stunted and 10% suffer from wasting as a result of acute malnutrition. Therefore, it is clear that my country needs professionals in food sector who can make significant contributions to it and I intend to do that.

IIT Kharagpur provides a thorough and effective foundation for work in the Industrial and Organizational field. Thus, I believe it is here I belong. It is my intention to make a significant contribution to my chosen field and I look forward to our relationship with great eagerness.

ANU YADAV
19th May 2021.