

Resume

“The first step to knowledge is to know that we are ignorant”

This statement is the impetus behind my urge to learn.

Currently, I am working as Research scholar in Autonomous University of Coahuila, Saltillo at Faculty of Chemical Sciences on a project “Development of Bioprocessing Technique for Lignocellulosic Enzyme Production” and have published one Review article as first author in SCI Journal (Bioresource Technology Reports, Elsevier). I worked as a project assistant in ‘DBT-IOC Center for Advanced Bio-Energy Research’ at Faridabad, India. I worked on a major integrated project which had its final aim for developing technology for 2nd generation bioethanol production. My work elements involved strain improvement of fungal strains for improving the titers as well as quality of cellulase production. I have vast experience of mutagenesis as well as enzyme production upto 7L reactor level. I have 3 years of research experience and two research articles published in SCI journal to my credit during the tenure of three years.

I did master’s in biotechnology in 2012 from Amity university, Noida. During MSc, I was imparted plenty of biotechnological knowledge, including microbiology, molecular biology, genomic engineering, plant, animal, environmental and agricultural biotechnology. However, I was tremendously interested in research related to biofuel; hence I decided to do dissertation on Screening of microalgal mutants for higher growth and salt tolerance. During this research, I was trained to be a prospective researcher able to work individually or at team work. I have always endeavored to upgrade my education in this field by approaching some novel methods and protocols for improving product yields under the instruction of my supervisor. After completing my post graduation , I qualified BCIL entrance program and worked as research trainee in Crams technologies under BCIL-BITP (2013 -2014) and title of my project was “Use of analytical chemistry in pharmaceutical research with special reference to HPLC”, from this experience I learned that I can adapt successfully to different work cultures from various environments including impact of facilities and limitations as well as different challenges inhabit in different places.

To me, as a young female prospective researcher, it is my dream to devote a major part of my life to the development of Biotechnology. With my skills, knowledge and experiences, I am confident of doing excellently in the field.

Anusuiya Singh

