LETTER OF MOTIVATION

BRANDENBURG UNIVERSITY OF TECHNOLOGY COTTBUS - SENFTENBERG

BIOTECNOLOGY

WINTER INTAKE

I am Silpa Shiju. My intention of writing this letter is to let you know about my interest in pursuing masters in Biotechnology in your esteemed university.

I grew up in Kerala, India, which is know as the Gods Own Country mainly because of its natural beauty, fresh air, and pure water. I believe that, this is what gives me a desire to connect always with nature. Apart from this, my grandfather was a farmer, I spent most of my childhood days with him. He is the one, who always inspire me to be out and about in the nature. Therefore, from the very young age onwards I love studying biology which covers the topic such as human body, animals, plants and microorganisms and so on.

After completing my primary education, I took Biology-Mathematics stream for my Higher Secondary Education. Everyone insisted me to take nursing after secondary studies But, I have always wanted to study a subject specifically. Hence, I shortlisted two courses, bachelor degree in botany or zoology. From that, I chose to take botany as my three year degree program in Sree Sankara college Kalady, Mahatma Gandhi University, with zoology and chemistry as complementary subject. Since, it will be a better option for lucrative job opportunities, research and also for further studies. The undergraduate study in Botany was the result of my fascination towards environment. I acquired comprehensive erudition about plant anatomy, microbiology, cell biology, bioethics, and so on. Despite this, I was immensely enchanted in the topic biotechnology and bioinformatics. I gained practical knowledge in preparing nutrient medium, sterilisation and inoculation of plant tissue in culture media, establishing shoot tip and axillary bud culture, isolation of DNA, agarose gel electrophoresis and so on. By the time knowing about the usage of biotechnology to produce pesticide resistant genes for plants, transgenic plant production, fertilizer alternative and also in the field of food innovation and fermentation as well as enzyme production technology increase my fascination to know more about the field of biotechnology. I have realised that a higher degree in biotechnology would help me up skill my knowledge and laboratory skill in the biotechnology. I intend to study this course to know the possibility of biotechnology tools to ensure the quality and safety of food and agriculture. Therefore , I choose Masters in Biotechnology.

At the quest for the German universities with better education, I came to know about the BRANDENBERG UNIVERSITY OF TECHNOLOGY COTTBUS - SENFTENBERG. BTU is one of the best universities in Germany for biotechnology, known for offering high quality education and motivating teaching system. I truly believe that, BTU is an ideal institution for expanding the theoretical and practical knowledge of biotechnology. The curriculum of master’s program in Biotechnology include theoretical background and extensive practical training, lectures and lab courses are offered with specialisation on cell biology, microbiology, bio analytics and laboratory diagnostics. The main thing attracted me was that the prospective students have to choose one of the specialisation after their admission , it helps to focus one topic mainly. Also have a 5 month thesis project, prove the skills in conducting independent and responsible research. All these features attracted me to this university so deeply. Additionally, BTU provides a supportive and nurturing environmental for students.

Ever since, I was a teenager, I knew I wanted to become a biology teacher. I love to see students get excited about all the life on earth. Majority of my friends told me, I was good at convey materials clearly to others in varieties of ways. So, during my academic life, I have tried to improve my communication skills and foster my confidence to take seminars on various topics. By acquiring enough theoretical and practical knowledge in biotechnology from the BTU, I can pursue my dream. Firstly, I need to clear the UGC NET or SET exam after my masters for my long term goal to be a professor in ASSAM DOWN TOWN UNIVERSITY in Assan, it is one of the best universities in India.

I honestly believe that, I give my one hundred percent effort and dedication towards my program for the amelioration of the institute and environment, if I get a chance. I am eagerly waiting for your positive response to my application.

Sincerely,

Silpa Shiju