

Statement Of Purpose

Introduction

If agriculture goes wrong, nothing else will have a chance to go right.

-M.S. Swaminathan

Being hailed from the land of greenery, where farming is not just for livelihood rather it is a part of our culture, farming and agriculture has been in my head since childhood. As someone who has nurtured a deep admiration from a young age, I have always been fascinated by the interplay of agriculture and animals in our lives. Growing up surrounded by agricultural activities, I developed a deep interest in understanding and improving the methods for a sustainable food system for us.

This passion led me **Arun Thannikottu Kuriakose** to pursue a Bachelor of Science in Poultry Science at the renowned Kerala Veterinary and Animal Science University, Kerala, India, where I gained a solid foundation in livestock and related principles. My educational journey so far has strengthened my commitment to advancing agricultural practices, which led me to choose an M.Sc in Integrated Plant and Animal Breeding in Germany.

Why I Wish to Pursue Higher Studies

The decision to pursue higher studies in life is to contribute significantly to the field of agriculture through research and innovation. The complex challenges faced by modern agriculture, such as climate change, food systems, and sustainable farming practices demand integrative approaches and advanced knowledge. An MSc in Integrated Plant and Animal Breeding will equip me with the scientific and technical expertise required to develop innovative solutions to increase productivity and sustainability. I am eager to delve deeper into the genetic breeding methodologies that can improve both plant and animal species, ultimately benefiting a good global food system.

Moreover, higher education will allow me to engage in cutting-edge research and gain hands-on experience with the latest technologies and techniques in plant and animal breeding. This exposure is crucial for understanding and addressing the subtle issues that affect agricultural productivity and

sustainability. I am enthusiastic about the prospect of contributing to groundbreaking research that can lead to real improvements in agrarian practices worldwide.

Why I Choose M.Sc in Plant and Animal Breeding

Choosing an M.Sc in Plant and Animal Breeding is a natural progression of my academic and career interests. This program offers a unique interdisciplinary approach, combining the principles of genetics, biotechnology, and breeding to address agricultural challenges. By focusing both on plant and animal breeding, I can gain a comprehensive understanding of the synergies between these systems, which is crucial for developing integrated and sustainable agricultural practices.

This program aligns perfectly with my goal of becoming a leader in agricultural innovation. I believe that a holistic understanding of both plant and animal breeding will enable me to develop strategies that can enhance agricultural productivity and resilience. The knowledge and skills gained from this program will empower me to make meaningful contributions to the field, from improving crop yields to enhancing livestock health and productivity.

Why Germany?

Germany is renowned for its exciting excellence in higher education and research, particularly in agricultural science. The country's strong significance in innovation, sustainability, and technology in agriculture makes it an ideal destination for chasing advanced studies in this field. Germany's commitment to research and development, coupled with its state-of-the-art facilities and resources, provides an optimal environment for academic growth and discovery.

Furthermore, Germany's collaborative approach to research, involving partnerships between universities, research institutions, and industry, ensures that academic work has practical applications in real-world impact. The opportunity to learn from distinguished professors and collaborate with a diverse cohort of International students will enrich my academic experience and broaden my global perspective

Why Georg-August-Universität Göttingen

I have chosen Georg-August-Universität Göttingen for its outstanding reputation in agricultural sciences and its exclusive Integrated Plant and Animal Breeding program. The University's focus on cutting-edge research, interdisciplinary collaboration, and practical application aligns perfectly with my academic and career aspirations. Georg-August-Universität Göttingen offers access to world-class research facilities, exclusive fieldwork opportunities, and partnerships with leading agricultural forums, which are critical factors for gaining hands-on experience and conducting impactful research.

The program's curriculum, which integrates theoretical classes with practical knowledge, will help me improve my experience in this field and prepare me for a successful career in agriculture research and development. The University's commitment towards sustainable and innovative agriculture resonates perfectly with my career goal of creating sustainable solutions for the global food system.

In conclusion, I am confident that the MSc in Integrated Plant and Animal Breeding at Georg-August-Universität Göttingen will provide the paradigm to achieve my goals. I am excited about the opportunity to contribute to the progression of agricultural practices through innovative research and sustainable solutions.

Yours Faithfully,

Arun Thannikottu Kuriakose.