

1. Title of the Practice

Teaching and training of international students and faculty of under developed countries

2. Objectives of the Practice

The practice is meant to teach and train livestock science students and faculty of under developed countries through hands-on training programs, critically designed course curricula and research work for efficient handling and management of livestock. This practice was also meant to motivate the establishment of livestock farms in the target countries with established protocols for scientific livestock management.

3. The Context

The livestock sector in under developed and developing countries contributes to more than one third of the agricultural Gross Domestic Product (GDP), and is one of the fastest growing agricultural subsectors. Therefore, it is imperative to develop a workforce especially in underdeveloped nations where livestock is the major source of the country's income. This training program is multidisciplinary in nature and deals with various aspects of growth and development of the livestock sector. It is intended to facilitate excellent opportunity to the international participants to obtain practical and theoretical knowledge in various disciplines of Animal and Veterinary Science. This practice was first started in 2012 in collaboration with Kandhar University of Afghanistan which later led to the development of ANASTU (Afghanistan National Agricultural Sciences and Technology University) in their country which was dedicated to train and teach the resident students in diverse fields of agricultural sciences.

4. The Practice

Under this program, a total of 7 Afghan faculties were trained and 9 students completed their M.Sc in Animal Husbandry. A total of 123 lectures and practical on General Livestock Management, Animal Genetics and Breeding, Veterinary Biotechnology, Biochemistry, Animal Nutrition, Animal Physiology, Animal Reproduction, Livestock Product Technology, Livestock Health Management viz., Virology, Bacteriology and Mycology, Immunology, Pathology, Parasitology, Veterinary Public Health, Pharmacology, Biological Products and Standardisation, Medicine and Surgery were delivered to the students.

5. Evidence of Success

After gaining knowledge from this program, the participants from Afghanistan are in process of establishing the Livestock Farms at ANASTU, Kandahar which will help uplift the lives of poor farmers of their province. Three books were published on the lectures and trainings organized which were provided to the participants and will serve them in shaping the livestock sector in Afghanistan.



6. Problems Encountered and Resources Required

No major problems were encountered during this program. All resources were purchased by the fund sponsored by the Ministry of External Affairs, Govt. of India, New Delhi.

7. Notes (Optional): NA