

## Background

The basic elements of Niche Area of Excellence are quality of human resource available; adequate infrastructure; access to latest information; attitude and commitment of faculty, staff and students; recognition & interaction with best of peer groups in India and abroad; shared vision and well developed educational technology system. The present project funded by ICAR under NAE for Study of “*Clostridium perfringens* and *Dichelobacter nodosus* (Anaerobic Bacteriology)” has prime objectives of identifying commonly prevalent *C. perfringens*, *F. necrophorum* and *D. nodosus* strains as ideal vaccine candidates and to identify major immunogenic protein/s for development of recombinant diagnostics/vaccines.

Our laboratory has built up some basic infrastructure and facilities for studying strict anaerobes like *Dichelobacter nodosus* (*D. nodosus*) under NAIP sponsored subproject on footrot.

The *C. perfringens* is responsible for several fatal and economically important disease like enterotoxaemia, struck, lamb dysentery in sheep. Similarly, *D. nodosus* is wide spread not only in hilly northern states of India viz., Jammu and Kashmir, Himachal Pradesh and Uttarakhand but also in southern regions like erstwhile Andhra Pradesh, Karnataka and Kerala, incurring colossal losses (crores of rupees) due to sheep farming.

## OBJECTIVES

To acquaint the participants with modern diagnostic tools for anaerobic bacterial diseases in livestock especially sheep.

To give hands on training of protocols used in isolation and molecular characterization of anaerobic bacterial pathogens of sheep.

## Eligibility

Researchers and Scientists working in National Agricultural Research System (NARS) of ICAR, SAU, KVK and other personnel working in the cadre of Assistant Professor or field veterinarians.

## Dates and duration of the course

October 03-12, 2017 (10 days)

## Certificate

After completion of the course, all the participants shall be presented with a course completion certificate.

## Boarding and lodging

Accommodation on twin sharing basis will be made available in rooms of University guest house/scientist home for outside participants. Travelling expenses will be reimbursed for bus, train (2 tier AC tickets, to and fro) upon production of tickets. Accompanying persons are not allowed.

## Weather Advisory:

The temperature (during the training period) ranges between 14°C to 30°C. Though, the days might be slightly on the hotter side but during the evening, the climate becomes quite pleasant. Occasional showers and cold winds may be expected. Light sweaters may be brought along.

## Travel

The Faculty of Veterinary Sciences at Shuhama is located 17.1 km away from City Centre, Lal Chowk. Nearest railway station is Jammu Tawi. Srinagar is connected to Jammu (300 km) via NH1. Jammu is well connected to other parts of country by road, rail and airways too. The participants will be picked up from City Centre to the venue of training.

## About the institution

Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-K) is a leading University of National Agricultural Research System (NARS) in Hill Agriculture Research and Technologies” with a mission to achieve food and income security from farming based livelihoods to help farmers of Kashmir and Ladakh region through technological support services of the university and to undertake applied research in agriculture and allied sectors namely agriculture, horticulture, veterinary and animal husbandry sciences, forestry, environmental sciences and fisheries.

## About the faculty

The Faculty of Veterinary Sciences and Animal Husbandry came into existence, as a constituent unit of the University in 1984 with a mandate of professional teaching, research and extension in Veterinary and Animal Sciences. The aim of the faculty is to produce qualified Veterinary graduates and postgraduates, conduct need based research in the field of Veterinary and Animal Sciences and transfer of technology to the animal rearing community of the State. The faculty has recorded significant achievements within available resource in the areas of its statutory mandate. The Faculty has made commendable work in research, disease diagnostics and health care. The research publication from the Faculty has been published in national and international journals of repute.



*"I never teach my pupil, I only provide the conditions in which they can learn."*

*Albert Einstein*

**Organizing Committee:**

**Chief Patron:**

**Prof. Nazeer Ahmad**

(Hon'ble Vice Chancellor, SKUAST-K)

**Patron:**

**Prof. Mohammad Yousuf Zargar**

(Director Research, SKUAST-K)

**Course Director:**

**Prof. Shakil A. Wani**

(Principal Investigator/Director Education)

**Course Co- Director:**

**Dr. Zahid Amin Kashoo**

(Assistant Professor cum Junior Scientist)

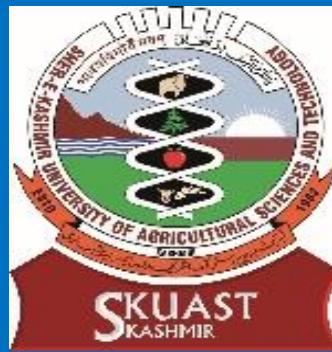
**Contact Numbers:**

+91-9419031324; +91-9469072570

0194-2262211

**Members**

1. **Dr. Sabia Qureshi** (Assistant Professor Senior Scale).
2. **Dr. Md. Isfaqul Hussain** (Assistant Professor Senior Scale).
3. **Dr. Shaheen Farooq** (Subject Matter Specialist).
4. **Dr. Mudasir Ali** (Assistant Professor cum Junior Scientist).



**How to Apply**

**Application Format**

The eligible candidates should apply in the below mentioned format and send the completely filled application form to:

[pinaeskuastk@gmail.com/](mailto:pinaeskuastk@gmail.com)  
[zahidkashoo@gmail.com](mailto:zahidkashoo@gmail.com)

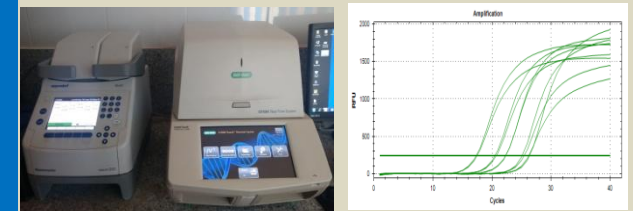
1. Full Name: - \_\_\_\_\_
2. Designation: \_\_\_\_\_
3. Postal Address: \_\_\_\_\_  
\_\_\_\_\_
4. Address to which reply should be sent (along With mobile/telephone number and email id)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Date of Birth: - \_\_\_\_\_
6. Gender: - \_\_\_\_\_.(Male/Female)
7. Teaching/Research/Professional experience (mention posts held during the last five years and Nos. of publications) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Marital Status: - \_\_\_\_\_ (Married / Unmarried)  
Dated:- \_\_\_\_\_

**Important Dates:**

Last Date of Application: **September 15, 2017**

Intimation to selectees: **September 20, 2017**

**Short Training Course  
on  
Isolation and Molecular  
Characterization of  
Pathogenic Anaerobes  
from Sheep  
October 03-12, 2017**



**Division of Veterinary Microbiology and  
Immunology  
F.V.Sc & A.H**

**Shuhama, Alusteng, Srinagar-190006  
Sher-e-Kashmir University of Agricultural  
Sciences and Technology, Kashmir**

**Sponsored by:**

**Indian Council of Agricultural Research  
Under Niche Area of Excellence (NAE)  
Programme on Study of *Clostridium perfringens*  
and *Dichelobacter nodosus* (Anaerobic  
Bacteriology)**

**Pusa, New Delhi, 110012**