



Training Program



on

Handling of Microbial culture and Biosafety aspect

16th & 17th March, 2018



Biological Products Division
ICAR- Indian Veterinary Research Institute
Izatnagar, Bareilly-243 122(U.P), India

Introduction: The development of newer diagnostics and vaccines is the major requirement of country to circumvent the losses due to the diseases and to make the animal husbandry practices more profitable. The development of vaccines and diagnostic is a complex process which encompasses isolation and characterization of microbe as the initial and prime requirement. The technical staff is actively involved in the process but without prior and basis knowledge in handling of clinical samples and culture may lend them to risk. This may result into clinical disease and may be source of infection to the society. Thus there is need to equip the technical staff with the basic knowledge of handling of microbial culture. Therefore the present course has been designed in such a way that this will instill the concept of basic biosafety and distinctive knowledge of handling of culture in laboratory.

Objective of the training program: To train technical staff of ICAR-Indian Veterinary Research Institute/ICAR in respect to basic microbiological aspect along with minimum biosafety guidelines to be followed on routine basis in microbiological laboratory.

Eligibility

1. Candidate should be a permanent technical staff of ICAR-Indian Veterinary Research Institute/ICAR.

2. Having two years of minimum experience of working in microbiology laboratory.

Course content

- Introduction to basic microbiological laboratory safety
- Basic Microbiological methods
 - Sterilization methods
 - Formulation and preparation of microbiological media
 - Stain and staining methods
 - Inoculation methods
 - Isolation methods
 - Cultural and biochemical characterization methods
 - Cell culture methods
- Biosafety
 - Biosafety cabinets
 - Practices for handling bacterial and viral cultures
 - Practices for disposal and decontamination of biological waste
 - Practices, Principle and guidelines of different biosafety levels

Application Procedure

Application form attached with this brochure can be photo copied or it can be downloaded from institute website www.ivri.nic.in. Participant should submit duly filled application form through their respective Head/In charge of the Division/Section latest by 1st March, 2018 to Dr.V.K.Chaturvedi, PS, BP Division..

Chief Patron

Dr R. K. Singh
Director and Vice Chancellor, ICAR-IVRI

Patron

Dr B. P. Mishra
Joint Director (Research), ICAR-IVRI

Course Director

Dr Vinod K. Chaturvedi
Pr. Scientist, BPD,ICAR-IVRI

Course Coordinator

Dr Bina Mishra
Pr. Scientist, BPD,ICAR-IVRI

Course Coordinator

Dr Bablu Kumar
Sr Scientist, BPD, ICAR-IVRI

Important Instructions

<i>Maximum number of participants</i>	10 (Ten)
<i>Last date for receipt of application</i>	1stMarch, 2018
<i>Information to selected candidates</i>	5th of March, 2018
<i>Commencement of training program</i>	16th of March, 2018

For more detail and quires please contact:

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