



DST-SERB Sponsored High-End Workshop (KARYASHALA)
on

Hands on Training on Basic and Advanced Techniques for Bacterial and Fungal Disease Diagnosis

Date of Workshop: 11th – 20th March, 2024



Important Dates

Last Date of Registration: **February 29, 2024**
Intimation of shortlisted candidates: **March 04, 2024**
Commencement of workshop: **March 11, 2024**



Registration

Applicant get registered through following link
<https://forms.gle/dwBVk8Vnzi7CmFZ39>
Registration is Free



Application Procedure

To apply for the workshop, applicant must fill out the attached application form and get it approved from their guide/HOD/Competent authority.



Eligibility

Postgraduate students (Masters/PhD) in the field of Life Science/Veterinary Science/Animal Science. Please note that **number of participants are limited to 20** and workshop will be conducted in **physical mode**.



Travel and Accommodation

Selected candidates will be reimbursed travel expenditure (Train fare up to AC-III tier class or state transport buses by the shortest route as per GOI norms).
Food and accommodation will be provided by the organizer at the IVRI guest house.

Organizing Team

Chief Patron:

Dr Triveni Dutt, Director & Vice-Chancellor

Patrons:

Dr K.P. Singh, Joint Director (CADRAD)
Dr S.K. Mendiratta, Joint Director (Academic)
Dr S.K. Singh, Joint Director (Research)
Dr Rupasi Tiwari, Joint Director (Ext. Edu.)
Dr P. Dandapat, Head, Bacteriology & Mycology

Course Director

Dr Abhishek, Sr. Scientist, B & M Division

Course Coordinators

Dr P. Thomas, Sr Scientist, B & M Division
Dr Bablu Kumar, Pr. Scientist, B.P. Division

Co-Course Coordinator:

Dr Athira V, STO, B & M Division

Contact Details & Venue

Dr Abhishek, Sr Scientist

B & M Division, ICAR-IVRI, Izatnagar

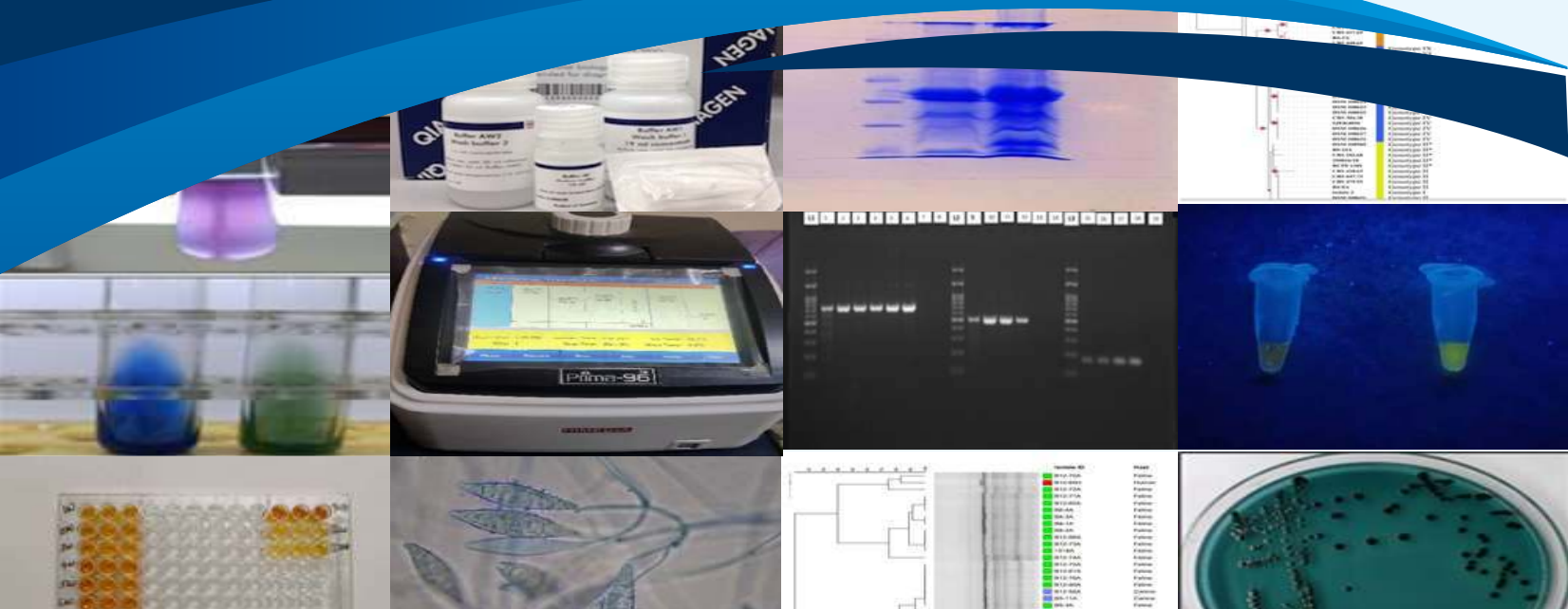
Email: bnmkaryashalaivri@gmail.com

Mobile: 7905399490

Bacteriology & Mycology Division

ICAR-IVRI, Izatnagar,

Bareilly (UP), 243122



ICAR-Indian Veterinary Research Institute, Izatnagar, Bareilly (UP)



ACCELERATE
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DST-SERB Sponsored High-End Workshop (KARYASHALA)
ON



Hands on Training on Basic and Advanced Techniques for Bacterial and Fungal Disease Diagnosis

Date of Workshop: 11th – 20th March, 2024

About ICAR-IVRI:

Indian Veterinary Research Institute (IVRI) established in the year 1889, is one of the premier research institutions dedicated to livestock research and development in the country. The Institute has a major mandate of research, teaching, extension, consultancy and technology transfer activities. The institute with its long scientific heritage has always enjoyed a certain prestige and a tradition of its own. The institute imparts quality under-graduate and postgraduate education to students not only from various parts of the country, but also from overseas. Besides, BVSc & AH, this institute award degrees in more than 20 disciplines of masters and doctoral programmes in veterinary and animal sciences.

About Bacteriology and Mycology Division:

The division of Bacteriology & Mycology came into existence in 1975 after bifurcation from Division of Virology and Bacteriology, Mukteswar and shifted to the Izatnagar campus of IVRI. Due to the urgent need of research work to be carried out on all aspects of different bacterial and mycotic infections, the division was separated and now it is working on most of the important economic diseases of livestock & poultry. The division is mandated to develop and assimilate the latest modern technologies for the development of economical, reliable, quick and effective provide diagnostic services pertaining to bacterial and mycotic diseases. Division is offering various training programmes in the field of bacteriology and mycology for the post graduate students.

About the Training:

The proposed training would be a blend of both conventional and advanced bacteriological and mycotic techniques aimed to provide hands-on experience and complete understanding on various techniques. This program is meant to support students who are actively engaged in research or planning to conduct research in the field of bacteriology and mycology. These conventional and advanced techniques will provide a learning platform which can be applied by the students for their higher studies or R&D activities to enable themselves "Aatm Nirbhar" researchers, academicians or entrepreneurs.

Major Topics of the Workshop:

Basics of Bacteria and Fungi handling, Good Laboratory Practices, Laboratory Biosafety and Biosecurity, Risk Groups Classification, Sample Collection, Transportation and Processing of Clinical Samples, Isolation, Cultivation and Purification of Bacteria and Fungi, Microscopy and Micrometry, ABST by DDT and MIC, Phage Typing, Quality Control of Bacterial Vaccines & Diagnostics, Serotyping, MAT, Molecular Techniques like PCR, Real-Time PCR, PSR, LAMP, Advanced Statistical Models, Point-of-Care Diagnostics, CRISPR/CAS System, Droplet Digital PCR, SDS PAGE, Western Blotting, Confocal Microscopy, NGS Platforms, Bacterial Genome Assembly, *In Silico* Virulence and AMR Predictions etc.





ACCELERATE
विद्यया



Application (To be Uploaded Online)
DST-SERB Sponsord High-End Workshop (Karyashala)
Hands On Training On Basic And Advanced Techniques For Bacterial And Fungal Disease Diagnosis
Date- March 11th-20th, 2024



ICAR-Indian Veterinary Research Institute, Izatnagar-243122, Bareilly (UP)

1. Name of Applicant :
2. Enrollment/Registration Number :
3. Degree (PG/PhD) :
4. Year of study (1st/2nd/Final) :
5. Department :
6. Institute/University :
7. Correspondence Address :
8. Mobile Number and e-mail ID :
9. Academic Record :

**Affix Recent
Passport Size
Photo**

Sl. No.	Examination Passed (up to current degree)	Subject (Major)	Year of Passing	Marks (%)/CGPS
1.	Bachelor Degree			
2.	Master Degree			
3.	Ph.D.			
4.	Any other qualifications			

The above information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the program.

Date:

Signature of the application

Recommendation by the forwarding authority (Guide/HOD/competent authority)

Dr/Mr/Miss. _____ is hereby nominated for participating in the SERB sponsored High-end Workshop at IVRI, Izatnagar from March 11, 2024

Date:

Signature & Seal