



About IVRI

Established in 1889, the ICAR-Indian Veterinary Research Institute (IVRI) is one of the premier research institutions dedicated to livestock research and development of the region. Today, the institute with its deemed to be university status contributes immensely to human resource development in the discipline of veterinary sciences with skills and knowledge necessary for the challenges of the new millennium.

Mandate:

- Basic and strategic research for improvement of animal health for enhanced productivity
- Human resource development, imparting under-graduate and post graduate education
- Dissemination of livestock production and health technologies

Objectives:-

1. Skill development in the area of cell culture and virus handling.
2. To develop human resource for production and up scaling of viral vaccines.

Course Covers:-

- Establishment of cell culture laboratory
- Basics of cell culture technique
- Media preparation, washing, glassware preparation etc.
- Different types of consumables for cell culture
- Cell propagation, cell preservation, cell revival & cell counting etc.
- Virus propagation, virus titration
- How to increase virus titre, virus growth kinetics, up-scaling of viruses etc.
- Handling of different types of (CPE producing & Non CPE producing) viruses like PPR Virus, Sheep Pox virus, Canine distemper virus, Classical swine fever virus etc.
- Demonstration of effect of CPE and non CPE producing viruses
- Bio-safety & personal safety requirements

Resource Persons:-

- ❖ Dr R. P. Singh, HD/Biological Products Division & PI ABI
- ❖ Dr A. K. Tiwari, HD/ Division of Biological Standardization
- ❖ Dr(Mrs) Bina Mishra, Principal Scientist
- ❖ Dr A B Pandey, Principal Scientist
- ❖ Dr P Dhar, Principal Scientist
- ❖ Dr K. K. Rajak, Senior Scientist
- ❖ Dr C. L. Patel, Scientist (SS)
- ❖ Dr V Upmanyu, Scientist (SS)



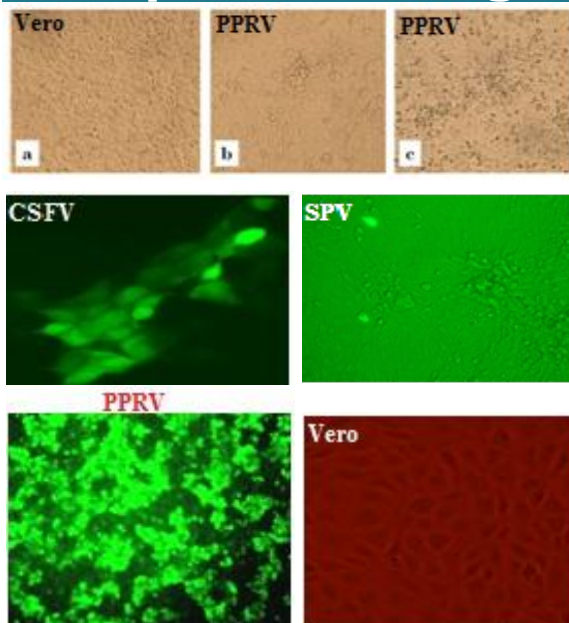
Skill Development in Cell culture & Virus Handling Techniques

12-21 February, 2019



Organized by
**Agri-Business Incubation
(ABI) Centre,
Division of Biological
Products & Division of
Biological Standardization
ICAR-Indian Veterinary
Research Institute**

Scope of Training



1. This training programme will enhance the skills of independent entrepreneurs or industry representatives and students once they attend this programme, as cell culture and virus handling are essential requirements of several R&D laboratories and vaccine production and quality control laboratories.
2. Due to lack of expertise or frequent transfers/ turnover of scientific/skilled manpower in state veterinary biological units skill up gradation in cell culture and virus handling at various state veterinary biological units is required. Therefore, to overcome the issue, this skill development programme for attaining/improving their skills in the field of cell-culture & virus handling will be very useful.

Selection:

15 participants will be selected at a time, based on date of registration with registration fee. First Come First Serve will be selection criteria. However, remaining person will be invited for the next batch of training depending on the number of participants.

Who Should Attend?

- Scientific staff working in state veterinary biological units
- Scientific staff working with industries, R&D laboratories, research organizations
- Independent entrepreneurs
- Students with Science background (minimum qualification graduate)

Programme Fee

Fee of **₹ 10500** per participants will be charged. Participants have to pay training fee through **Bank transfer** (Bank details will be given on request) or **Demand Draft** in the favour of **I.C.A.R. Unit IVRI Izatnagar, Payable at Bareilly**, at the address given below:-

Address: Dr R.P. Singh PI/ABI-Project & Head, Division of Biological Products, ICAR-Indian Veterinary Research Institute, Izatnagar-243122, Bareilly, Uttar Pradesh, India

Working lunch & session tea will be provided.

Certificate will be provided

Travel, boarding & lodging:
Cost to be borne by the trainees.

For Registration & more details, Please contact us

Programme Coordinator

Dr R.P. Singh

PI/Agri Business Incubation Project & Head

Division of Biological Products
ICAR-Indian Veterinary Research Institute, Izatnagar-243122, Bareilly, Uttar Pradesh, India
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Website:- <http://www.ivri.nic.in/>

Programme Coordinator

Dr(Mrs.) Bina Mishra

Nodal Officer/ABI Project & PS
Division of Biological Products
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Mob/Whatsapp: **9457468007**
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प्रशिक्षण प्राप्त करने के लिए आवेदन पत्र Application form for Training Programme

1.	प्रशिक्षण कार्यक्रम का शीर्षक एवं दिनांक / Title of the Training Programme & Date:
2.	प्रायोजक का नाम और पता / Name and address of organization:
3.	प्रशिक्षु का नाम और पता / Name and address of the Trainee: <ul style="list-style-type: none"> ● नाम / Name: ● पद / Designation: ● डाक पता / Postal Address (आधार कार्ड की छायाप्रति संलग्न करें) / Attach photocopy of Aadhar Card): ● फोन नम्बर / Phone Number: ● ईमेल / Email: ● मोबाइल नम्बर / Mobile Number:
4.	जन्म तिथि / Date of Birth:
5.	शैक्षणिक योग्यता / Educational qualification:
6.	अनुभव / Experience:
7.	प्रशिक्षण शुल्क का विवरण / Particulars of Training fee remitted: <ul style="list-style-type: none"> ● बैंक भुगतान / डिमांड ड्राफ्ट संख्या और तारीख / Ref. No. and date of Bank transfer / Demand draft: ● बैंक का नाम / Name of the Bank on which draft is drawn: ● राशि / Amount :
8.	नामांकन करने वाले प्राधिकारी (यदि कोई हो) / Nominating authority (if any)

हस्ताक्षर / Signature

नोट/ Note:-

- डिमांड ड्राफ्ट “आई.सी.ए.आर. यूनिट आईवीआरआई इज्जतनगर” के पक्ष में हो, जो बरेली में देय हो।
Demand Draft in the favour of “I.C.A.R. Unit IVRI Izatnagar”, Payable at Bareilly.
- प्रार्थना पत्र को डिमांड ड्राफ्ट के साथ निम्न पते पर भेजे। Please send the application form along with Demand draft at the addresss given below:-

डा0 आर0 पी0 सिंह पी आई/एग्री-बिजनेस
 इन्क्यूबेशन प्रोजेक्ट एवं विभागाध्यक्ष जैविक
 उत्पाद विभाग भा0कृ0अ0प0-भारतीय पशु
 चिकित्सा अनुसंधान संस्थान इज्जतनगर
 -243122, बरेली, उत्तर प्रदेश

Dr R.P.Singh PI/ABI-Project & Head,
 Division of Biological Products, ICAR-
 Indian Veterinary Research Institute,
 Izatnagar-243122, Bareilly, Uttar
 Pradesh