



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:

- ❖ Entrepreneurship development through frozen semen production technology
- ❖ Skill development in the field of frozen semen production

Course Content:

- ❖ Bull selection, animal breeding & progeny testing for quality semen
- ❖ Training of bulls, bull health & shed management
- ❖ Preparation of articles
- ❖ AV preparation
- ❖ Semen collection, evaluation, processing & freezing
- ❖ Storage of frozen semen in liquid nitrogen & thawing of semen
- ❖ Quality control of frozen semen
- ❖ Artificial insemination
- ❖ Minimum standard protocol for quality semen production
- ❖ Screening for important diseases of bulls
- ❖ Planning & organization of frozen semen production unit
- ❖ Visit to experimental Cattle & Buffalo farm and A I laboratory
- ❖ Animal nutrition and feeding
- ❖ Bio-waste management
- ❖ About Agribusiness Incubation
- ❖ Business plan and project report preparation, How to start your own business

Resource Persons:

- ❖ Dr Harendra Kumar, Head, A.R. Division
- ❖ Dr S K Ghosh, Incharge, G.P. Centre
- ❖ Dr J K Prasad, Principal Scientist
- ❖ Dr N Srivastava, Senior Scientist
- ❖ Dr M K Patra, Scientist
- ❖ Dr Abhishek, Senior Scientist
- ❖ Dr Ran Vir Singh, Senior Scientist
- ❖ Dr G K Gaur, Incharge, LPM
- ❖ Dr A K Verma, Head, Animal Nutrition Division
- ❖ Dr Rajesh Rathore, Principal Scientist
- ❖ Expert from NDDB Semen Station
- ❖ Experts from Agri-Business Incubation Centre



Entrepreneurship Development through Frozen Semen Production

22-31 October, 2018



Organized by
Division of Animal Reproduction
&
Agri-Business Incubation (ABI) Centre
ICAR-Indian Veterinary Research Institute



Scope of Frozen Semen Production

1. There are total 57 semen stations in India producing around 97 million frozen semen doses (FSDs) for use in cattle and buffalo. As per the latest information (2016-17) there is only 35% coverage of breedable animals through artificial insemination.
2. The demand for semen doses for artificial insemination has been growing in the country. By the year 2021-22, it is targeted to have 50% coverage by artificial insemination. This will require production of around 140 million frozen semen doses.
3. The enhancement of production of 43-45 million doses (from 97 million semen doses to 140 million doses) of frozen semen will require establishment of new frozen semen stations and also enhancement in production potential of existing semen stations.

Selection:

Ten(10) participants will be selected at a time, based on First Come First Serve and submission of registration fee. However, in the event of more number of participants, another batch of the training will be considered.

Who Should Attend?

Science graduates who want to establish frozen semen unit & be entrepreneurs in the field of frozen semen production technology and related field.

Registration Fee

Registration Fee of **Rs 14500** / participant will be charged. Participants have to pay fee through **Bank transfer** (Bank details on request) or **Demand Draft** in the favour of **I.C.A.R. Unit IVRI Izatnagar, Payable at Bareilly**, and send 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
Training fee includes working lunch & session tea.

Training Certificate will be provided
Travel, boarding & lodging
Cost to be borne by the trainees

Please contact us for registration & more details

Dr Harendra Kumar

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Dr R. P. Singh

PI-ABI &
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Email: **rpsingh@dr.com**

प्रशिक्षण प्राप्त करने के लिए आवेदन पत्र Application form for Training Programme

(22-31 October 2018)

1.	प्रशिक्षण कार्यक्रम का शीर्षक एवं दिनांक / Title of the Training Programme: <p style="text-align: center;">Entrepreneurship Development through Frozen Semen Production</p>
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: ● आधार संख्या / Aadhar No. ● 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:-

डा० आर० पी० सिंह पी आई / एग्री-बिजनेस
 इन्क्यूबेशन प्रोजेक्ट एवं विभागाध्यक्ष जैविक
 उत्पाद विभाग भा०कृ०अ०प०-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