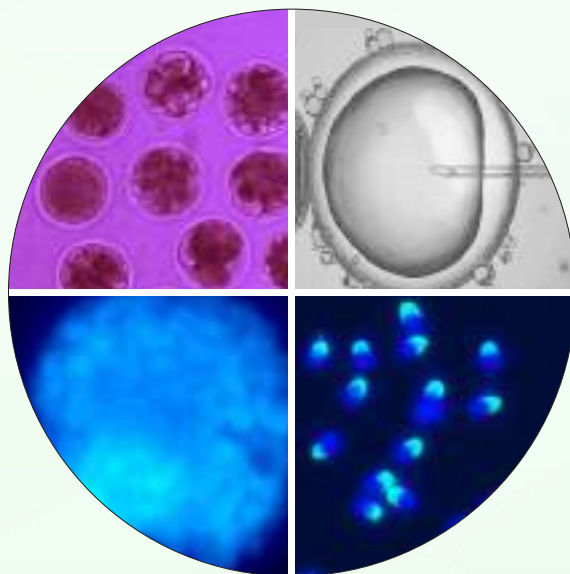


Training Programme on Advanced Biotechniques for Improving Reproductive and Productive Efficiency in Livestock

03rd - 12th February, 2025

(For Scheduled Caste participants only)



Sponsored by
ICAR-Network Programme on Genome Editing Technology

Patron

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ICAR-NIANP, Bengaluru – 560 030

Organized by

**ICAR-National Institute of Animal Nutrition and Physiology
Aduvodi, Bengaluru - 560 030**



About ICAR-NIANP

ICAR-National Institute of Animal Nutrition and Physiology (NIANP), Bengaluru is a premier research Institute conducting research and imparting education/training in the field of Animal Nutrition, Animal Physiology and Bioenergetics & Environmental Sciences. The Institute is mandated to conduct basic and strategic research on physiology and nutrition for efficient livestock production. Within this mandate, various research activities are being conducted to unravel basic principle influencing the productive and reproductive efficiency. Institute has excellent infrastructure including air-conditioned lecture hall, Internet connectivity, auditoriums and Guest House facility. The efforts of the scientists are reflected in bagging prestigious awards namely 'Sardar Patel Outstanding Institution Award' twice in the span of past 10 years, 1st position in the Swachhata Award among all the ICAR Institutes for clean and green campus and 'Outstanding Institute' Award during 'Outlook Agritech Summit and Swaraj Awards – 2022' on

14 September 2022. ICAR-NIANP has different thematic groups comprising the trained and experienced scientists in the discipline of Animal Nutrition, Animal Physiology, Animal Biotechnology and Livestock Production and Management for the research activities. The state of art laboratories namely Animal Biotechnology, Reproductive Physiology, Molecular Biology, Omics etc will be used for the proposed training programme.

About the training

The training programme is designed to incorporate the theoretical and practical aspects of Animal Biotechnology, where the participants will get opportunity for hands on experience on various tools and biotechniques used for various Animal Research. The training programme is under the SCSP component of the ICAR funded “Network Program on Application of Genome Editing Technology for Improvement in Livestock Health and Production (NPGET)” project.



Training Highlights

- *In vitro* embryo production
- Cryopreservation of gametes
- Genome-editing technology
- Assessment of male and female fertility
- Stem cell biology
- Flowcytometry
- Transcriptome profiling
- Immuno-cytochemistry
- RT-PCR
- SDS PAGE and Western blotting
- Electrophoresis
- RIA and ELISA
- Nano-technology
- Bioinformatics

Eligibility

Faculties/Research Fellows/Research Scholars under scheduled caste category. Bonafide caste certificate is to be submitted along with the application and forwarded by competent authority.

No. of participants

Maximum 15

Application procedure

Submit duly filled application and forwarded by the competent authority and send to ashishvet1@gmail.com. All details can also be submitted using the google form. Application will be considered on First come first serve basis.

Course Fee

No course fee

Travel & Accommodation

All expenditures for travel, boarding and lodging will be borne under NPGET programme. TA is limited to 3-tire AC train fare by the shortest route. However, nominated faculties are free to avail TA as per the eligibility from the parent institute. Accommodation will be provided at Institute Guest house.

Important Dates

Application Deadline	:	20.01.2025
Selection of applicants	:	22.01.2025
Participants confirmation	:	24.01.2025



Application form

Photo

1. Name of the Applicant :
2. Designation :
3. Gender : Male / Female
4. Caste (SC)* : Yes / No
5. Institute/University :
6. Correspondence Address :
7. E-mail ID :
8. Mobile Number :
9. Educational Qualification : (M.Sc./M.V.Sc/Ph.D./Others)
10. Discipline :
11. Expectation from the training :

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 programme.

*Attach a self attested valid caste certificate (SC) Issued by Central / State authority

Date:

Signature of the applicant

Recommendation of the Competent authority

Dr/Mr/Ms._____ is hereby nominated for participating in the Training Programme on ***“Advanced Biotechniques for Improving Reproductive and Productive Efficiency in Livestock”*** at ICAR-NIANP, Bengaluru from 03rd-12th February, 2025.

Date:

Signature and Seal

Correspondence

Dr. Ashish Mishra

Principal Scientist

Email: ashishvet1@gmail.com

Phone: 9591982710; 8553122047

<https://tinyurl.com/4xjttrzx>

Apply Here



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