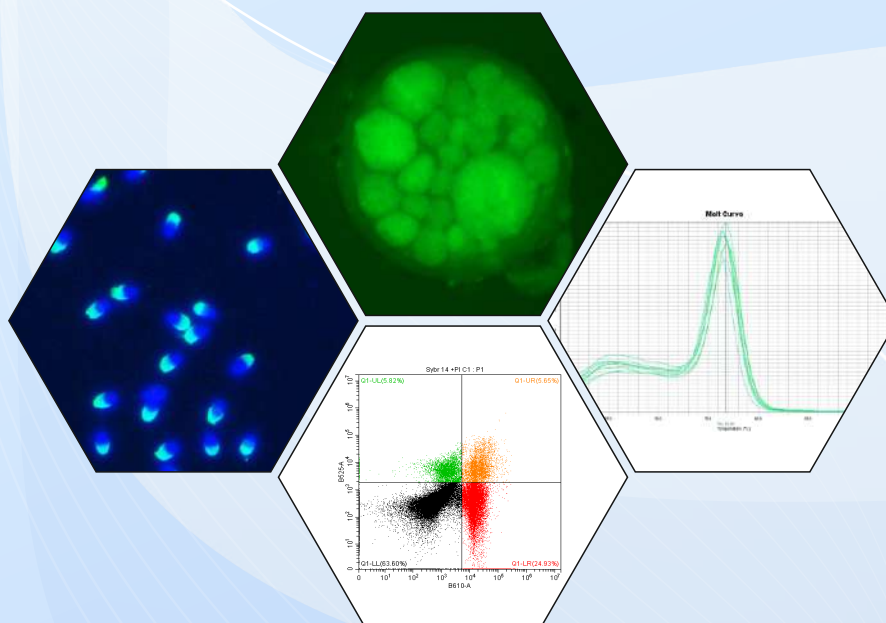


Training Programme on Emerging Biotechniques for Animal Science Research

17 - 26 September, 2025
(For Scheduled Caste participants only)



Sponsored by
ICAR-Network Programme on Genome Editing Technology

Patron

Dr. Artabandhu Sahoo
Director, ICAR - NIANP, Bengaluru - 560 030

Course Director

Dr. Ashish Mishra
Principal Scientist
Animal Physiology Division
ICAR-NIANP, Bengaluru - 560 030

Course Coordinators

Dr. S. C. Roy
Principal Scientist
Animal Physiology Division
ICAR-NIANP, Bengaluru - 30

Dr. R. U. Suganthi
Principal Scientist
BEES Division
ICAR-NIANP, Bengaluru - 30

Dr. G. Krishnan
Principal Scientist
BEES Division
ICAR-NIANP, Bengaluru - 30

Dr. M. Bagath
Senior Scientist
Animal Nutrition Division
ICAR-NIANP, Bengaluru - 30

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 frontier areas 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 of livestock. Institute has excellent laboratory infrastructures, 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'. ICAR-NIANP has different thematic groups comprising the trained and experienced scientists in the discipline of Animal Nutrition, Animal Physiology, Animal Biotechnology, Animal Reproduction 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 handling various tools and biotechniques used for Animal Science 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
- PCR, RT-PCR
- SDS-PAGE and Western blotting
- Agarose Gel Electrophoresis
- RIA and ELISA
- Bioinformatics
- Chromatography

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

The duly filled application along with community certificate must be forwarded by the competent authority to bbagath@gmail.com & ashishvet1@gmail.com. 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	:	05.09.2025
Selection of applicants	:	07.09.2025
Participants confirmation	:	09.09.2025



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 “**Emerging Biotechniques for Animal Science Research**” at ICAR-NIANP, Bengaluru from 17 - 26 September, 2025.

Date:

Signature and Seal

Correspondence

Dr. Ashish Mishra

Principal Scientist

Email: ashishvet1@gmail.com

Phone: 9591982710; 8553122047



ICAR - National Institute of Animal Nutrition and Physiology

Aduvodi, Bengaluru – 560 030, Karnataka, India

An ISO 9001:2015 Institute

Tel: +91-80-25711304, 25711303, 25702546; Fax: +91-80-25711420

Website: <http://www.nianp.res.in>