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COLLEGE OF VETERINARY SCIENCE
ASSAM VETERINARY AND FISHERY UNIVERSITY

DHR-ICMR

SPONSORED TRAINING ON

“ADVANCES IN ANIMAL CELL CULTURE AND STEM CELL RESEARCH”



06TH NOV – 17TH DEC 2026

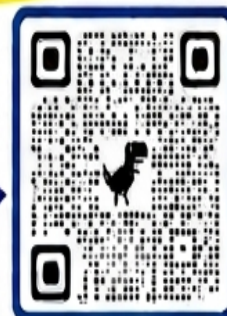


ORGANIZED BY:

**Department of
Animal Biotechnology**

College of Veterinary Science
Khanapara – 781022, Assam

**FOR MORE
DETAILS**



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HANDS-ON TRAINING PROGRAM DHR-ICMR SPONSORED TRAINING

"Advances in Animal Cell Culture and Stem Cell Research"

DURATION
42 DAYS
06 Nov – 17 Dec, 2026

LAST DATE TO APPLY
26th Oct, 2026
ONLINE REGISTRATION

VENUE
DEPARTMENT OF ANIMAL
BIOTECHNOLOGY
CVSc, Khanapara
Guwahati, Assam

SELECTION LIST
28 Oct, 2026
www.avfu.ac.in

SESSIONS & COURSE MODULES

1. Cell Culture Fundamentals & Biosafety

- Basics of animal cell culture, GLP, biosafety & aseptic techniques
- Primary culture from tissue/biopsy & embryonated eggs
- Subculture, maintenance, proliferation & cytotoxicity assays
- Cell line development, characterization & drug discovery models

2. Molecular Techniques & Expression

- Gene editing, gene silencing, cloning & recombinant proteins
- Protein harvesting, DNA/RNA extraction & expression analysis
- RT-PCR, Real-time PCR, Western Blotting & Dot blot assays

3. Stem Cell Technology & Genomics

- Stem cell isolation, characterization, iPSC & organoids
- Ethics, regulatory aspects & therapeutic case studies
- DNA Sequencing technology & Transcriptome analysis

TRAINING HIGHLIGHTS

- Practical Demonstration:** Hands-on experience with cell culture techniques.
- Expert Mentorship:** Sessions by specialists from India & abroad.
- Certification:** Awarded on successful completion.

WHO CAN APPLY

PG/PhD scholars, Postdocs/Research fellows, Faculty, Clinicians, & Professionals in Life Sciences, Medical, and Veterinary fields.

LODGING & FOOD

- Accommodation:** Guest House (twin sharing) on payment (Double AC: ₹650/day/person; Non-AC: ₹400/day/person).
- Meals:** Session tea & light refreshment will be provided during training days. Breakfast/Dinner at guest house on payment.

APPLICATION PROCEDURE

- Fill out the online application via the link or QR code.
- Upload PDFs: **CV** (max 2 pages), **Institutional ID**, and **Nomination Letter (Format Attached)**.
- Include a brief **Statement of Purpose (SOP)** covering your research interests, motivation to join the training & expected outcomes.



[Scan to Register](#)

ORGANIZERS & CONTACT INFORMATION

Organized By: Dept. of Animal Biotechnology, College of Veterinary Science, AVFU, Khanapara, Guwahati - 781022, Assam
Course Organizer: Dr. Biswajyoti Borah (biswajyoti.borah@avfu.ac.in)

For Info & Assistance:
Dr. Manabi Paw: 9101967526 / 9401812694
Mr. Nipam Deka: 6900683166

REGISTER ONLINE: <https://forms.gle/FWPUESu1Scg8dGwg6>

Selection notice on www.avfu.ac.in

NOMINATION FORM FOR TRAINING

1. Name of the applicant:
2. Sex: Male/Female:
3. Age (in years):
4. Highest Qualifications & Discipline (Graduate/ PG/PhD):
5. Designation (current status):
6. Name of organization/department:
7. Category: Teacher/ Researcher/ Veterinary Or Medical Officer/ Post-graduate scholar etc.
8. Address for communication:
9. Telephone No.:
10. WhatsApp No.:
11. E-mail address:
12. Have you attended similar training earlier? If yes, furnish details:
13. Details of working experience, if any:
14. Do you require accommodation? (Yes / No)

Signature of the applicant

Nomination:

I do hereby nominate _____ for

participating in the training programme on “**Advances in cell culture and Stem cell Research** ” organized by the Department of Animal Biotechnology, College of Veterinary Science, A.V.F.U., Khanapara, Guwahati-781022 from **6th Nov. to 17th Dec. 2026**.

Office seal Signature of the Nominating Authority

NB: Already passed out or independent candidate can avoid nomination part but need to fill the rest.