



# ICAR Centre of Advanced Faculty Training in Gynaecology and Reproduction



*Organizes Training Course  
on*

***“Advanced Insights on Theriogenology to Ameliorate Reproductive  
Health of Domestic Animals”  
(Jan 18 to Feb 07, 2023)***



**Patron**

Dr. Inderjeet Singh  
Vice Chancellor

**Nodal Officer**

Dr. SK Uppal  
Dean, Post Graduate Studies

**Course Director**

Dr. Mrigank Honparkhe  
Principal Scientist cum Head

**Course Coordinators**

Dr. Ajeet Kumar, Professor  
Dr. Amarjeet Bisla, Scientist  
Dr. Narinder Singh, Scientist

***Department of Veterinary Gynaecology and Obstetrics  
College of Veterinary Science, Ludhiana***

***Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana-141004, Punjab***



## COURSE CONTENTS

- Reproductive ultrasonography
- Estrus synchronization
- Stress and reproduction
- Nutrition reproduction interaction
- Mating induced endometritis
- Melatonin in buffalo reproduction
- Bovine cystic ovarian disease
- Uterine torsion and ICD
- Alternatives to antimicrobials therapy
- Marker assisted selection
- Stem cells in semen biology
- Ice nucleation in semen freezing
- Nanoparticles in semen biology
- Flow cytometry
- Seminal plasma proteins
- In vitro embryo production
- Ovum pickup
- Oxidative stress in semen freezing
- Updates on Swine reproduction
- Doppler ultrasonography
- Cryo-damages to spermatozoa
- Preventing post caesarean adhesions
- Breeding soundness evaluation
- Infrared thermography
- Electro-ejaculation in bulls
- Personality development
- Soft skills and smart speaking
- Stress management, values & ethics
- Discussion and Hands on practice

## ELIGIBILITY

- All teachers / scientists having M.V.Sc. degree.
- Working not below the rank of Assistant Professor in the State and Central universities / ICAR institutions and must have completed probation period.

## HOW TO APPLY

Online application must be made by registering as candidate at <https://cbp.icar.gov.in/> and selecting the desired training. The application form duly forwarded by the competent authority along with a non-refundable fee of Rs. 1000/- (Rs. 5000/- for private ICAR-accredited Colleges/Universities) as demand draft in favour of Comptroller, GADVASU, Ludhiana must reach on or before due date to "Principal Scientist cum Head, Department of Veterinary Gynaecology and Obstetrics, GADVASU, Ludhiana-141004, Punjab". Application without registration fee will not be considered.

**LAST DATE TO APPLY - Nov 20<sup>th</sup> 2022**

## BOARDING AND LODGING

A free Accommodation on twin sharing basis in AC/Non-AC rooms along with food will be provided in the University Guest House. The participants are requested not to bring family with them. The CAFT will bear travel expenses by the shortest route as per the entitlement, which however is restricted maximum to AC-II class by train excluding Rajdhani express. The candidates are advised to make their travel reservations well in advance.

## ABOUT THE DEPARTMENT

The department of Veterinary Gynaecology and Obstetrics, established in 1976 is enriched with highly trained faculty and exclusive research and clinical facilities like Semen Freezing Lab, OPU-IVF Lab, ELISA/RIA Lab, Reproductive Biology Lab, Cow simulator, Canine Semen Bank, Swine Reproduction lab, Ultrasonography, Large and small animal operation theatre for Reproductive surgeries and obstetrical maneuvering. It got recognized as 'Centre of Advanced Studies' in 1995 and designated as 'Centre of Advanced Faculty Training' in 'Veterinary Gynaecology & Reproduction' in 2009 by ICAR, N. Delhi. Till date, under CAS/CAFT, department has conducted 29 advanced trainings and has trained 339 teachers/scientists from various SAUs/ICAR institutes.

## CONTACT

<b>Dr. M Honparkhe</b>	<b>9417019974, mhonparkhe@gmail.com</b>
<b>Dr. Ajeet Kumar</b>	<b>8528683380, ajeetvet@yahoo.com</b>
<b>Dr. Amarjeet Bisla</b>	<b>9812801458, amarjeetbislav@gmail.com</b>
<b>Dr. Narinder Singh</b>	<b>7009225490, narinder2002us@yahoo.com</b>

