



Hands-on-Training

on

Sheep Liquid Semen Handling and Processing for Artificial Insemination

03-09 April 2024



Division of Animal Physiology and Biochemistry
ICAR- Central Sheep and Wool Research Institute
Avikanagar, Malpura, Tonk, Rajasthan-304501

Hands-on-Training on Sheep Liquid Semen Handling and Processing for Artificial Insemination

About the Program

The training program at ICAR-CSWRI, Avikanagar, has been intricately crafted to offer veterinarians from State Animal Husbandry Departments, faculties of State Agriculture/Veterinary Universities, and private practitioners a thorough grasp of the methodologies and procedures essential for handling liquid chilled semen for artificial insemination in sheep. Additionally, participants will delve into estrus synchronization programs and reproductive ultrasonography techniques specific to sheep breeding. Spearheaded by seasoned experts in the domain, this practical training initiative endeavors to furnish attendees with the expertise and insights required to streamline sheep breeding initiatives by implementing effective semen processing techniques.

Training Highlights

- **Importance of liquid semen handling and processing in sheep breeding programs**
- **Establishment of semen laboratory**
- **Semen collection methods and best practices**
- **Semen evaluation techniques for quality assessment**
- **Semen dilution, preservation, and storage protocols**
- **Estrus synchronization for fix-timed artificial insemination**
- **Artificial Insemination at farmers' sheep flock – practical exposure**
- **Reproductive ultrasonography for enhanced reproductive performance of the flock**
- **Breeding, nutritional, and health management for improved sheep reproductive efficiency**

About the Institute

ICAR-Central Sheep & Wool Research Institute (CSWRI), Avikanagar, an ISO 9001:2015 certified institute, is one of the leading institutes of Animal Science under the Indian Council of Agricultural Research (ICAR), New Delhi. It has been engaged in conducting basic and applied research in the areas of sheep breeding, reproduction, nutrition, physiology, health, biotechnology, utilization of different sheep products, providing training, and transfer of technologies to the beneficiaries from last more than half a century. The Institute's headquarters is located at Avikanagar near Malpura, Distt. Tonk, Rajasthan on Jaipur-Bhilwara State Highway (Diggi Malpura Road). It has three regional stations, namely, Arid Region Campus (ARC), Bikaner, Rajasthan; Northern Temperate Research Station (NTRS), Garsa, Kullu, Himachal Pradesh and Southern Regional Research Centre (SRRRC), Mannavanur, Tamil Nadu.



The Division of Animal Physiology and Biochemistry of the institute carries out both basic and applied research in the area of adaptive and reproductive physiology and biochemistry in sheep. Over the last five decades, the division has emerged as one of the leading research centers on sheep in India. The division is well-equipped with advanced research facilities and has well-qualified and trained scientific and technical staff. Therefore, the participants will have good exposure to the various aspects of sheep reproductive physiology, field-applicable assisted reproductive techniques, and allied research activities on the campus.

Duration

The duration of the course is seven days from 03-09 April 2024. The participants are expected to arrive by the evening of 02 April 2024. The participants are advised to schedule their return journey only after 5.00 PM on 09 April 2024.

Travel, Food, & Accommodation

All essential aspects, including accommodation in the training hostel, meals, and training materials, are covered in the training fee. However, participants or their organizations are responsible for covering travel expenses and other allowances. Please note that ICAR-CSWRI, Avikanagar, does not provide any travel or daily allowances (TA/DA)

Registration

Interested participants may apply for the training program by registering online by clicking on the following link or scanning the QR code below on or before 31 March 2024 with the details of the training fee remitted.



[Register Here](#)

Fee

The training fee for this comprehensive program is Rs 12,000 per person (including GST). This inclusive fee ensures that participants have a comfortable and conducive learning environment throughout the duration of the training.

Payment

The fee can be paid through NEFT/RTGS to the following account or UPI by scanning the QR code

Account Name: ICAR UNIT CSWRI

Account Number: 51066000084

Bank:- State Bank of India

Branch: Malpura (31088) Rajasthan

IFSC Code: - SBIN0031088



UPI: ICARUNITCSWRI@SBI

Organizing Team

Course Director

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Course Convener

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Head, AP&B Division

Course Coordinators

Dr. Ajit Singh Mahla

Scientist, AP&B Division

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Contact us

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