



**Indian Council of Agricultural Research (ICAR)**  
**Central Institute for Research on Goats (CIRG)**  
Makhdoom, P.O. - Farah, Dist.: Mathura  
Uttar Pradesh- 281122



### **Applications invited for Training Course On**

## **“Hands on Training on Estrus Synchronization and Artificial Insemination in Goats”**

**From 16-22 September, 2022 (7 days)**

We are pleased to inform that the Director, ICAR-Central Institute for Research on Goats (CIRG) Makhdoom, P.O. -Farah, Distt: Mathura, Uttar Pradesh- 281122 has approved a Training Course on **“Hands on Training on Estrus Synchronization and Artificial Insemination in Goats”** to be organized at ICAR-Central Institute for Research on Goats (CIRG) from **16<sup>th</sup> to 22<sup>nd</sup> September, 2022**. This Training Course is meant for training of Researchers, Teachers & Officers of State Development Departments, Veterinary officers working in various State Departments of Animal Husbandry in India and various stakeholders working in the field of Artificial Insemination (AI). ICAR-Central Institute for Research on Goats (CIRG) is having expertise in this area. The training programme will improve the professional competence and job performance of field functionaries work for goat development. The module will impart the desired knowledge and skills to the field functionaries with regard to AI in goat and overall development of livestock owners, professionals and all those involved in this sector.

#### **Course Objective:**

To impart latest knowledge and hands on training on Semen Freezing, Artificial Insemination and Ultrasonography in goats for up gradation of local breeds and enhancement of productivity for sustainable development.

#### **Course Description:**

This course is designed for AI inseminator, veterinarian, researchers, teachers and officers working in the National Agricultural Research System and State Development Department involved in animal husbandry and other related department. The course is especially applicable to professionals concerned with livestock production. The course objectives will be achieved through a combination of presentations, practical exercises and group discussions. It will particularly focus on:

#### **Contents:**

- Role of Artificial Insemination in sustainable goat production
- Anatomy and Physiology of Male and Female goats
- Buck semen cryopreservation: An overview
- Semen Evaluation techniques for buck semen
- Advance techniques in reproduction management of goats
- Management interventions for improving reproductive performance of goats
- Recent advances in pregnancy diagnosis in goat
- Quality control measure in Artificial Insemination laboratory
- Oestrus detection and oestrus synchronization in goats

- Artificial Insemination technique in goats
- Laparoscopic Artificial Insemination
- Semen transmitted disease in goats
- Establishment of Artificial Insemination laboratory
- Economics of Artificial Insemination

**Number of participants: 20**

**Institute location:**

ICAR-Central Institute for Research on Goats is a premier research Institute of Indian Council of Agricultural Research (ICAR), an autonomous organization under Department of Agricultural Research and Education, Ministry of Agriculture, Government of India. The Institute was established on 12<sup>th</sup> July, 1979 with the vision to develop the poor men's cow - the goat as a source of livelihood security, poverty alleviation and employment generation for the small, marginal and landless farmers. Our Mission is to enhance and sustain goat productivity in respect of meat, milk and fiber through Research, Extension and HRD support. The Institute is located at NH-2 between Agra and Mathura at almost equal distance. These two cities are famous for historical and cultural heritage i.e., the Taj Mahal and birth place of Lord Krishna, respectively.

**Application Procedure:**

The interested participants of 12<sup>th</sup> Pass progressive Goat Farmer, para-veterinarian, Veterinarian, Assistant Professor, Scientist, SMS or Officer from State Animal Husbandry Department should send their applications in the prescribed format through proper channel to Course Coordinator, Dr. Ravi Ranjan, Senior Scientist, Animal Physiology and Reproduction Division, ICAR-Central Institute for Research on Goats, Makhdoom, P.O-Farah, Distt- Mathura, U.P. Pin-281 122 or through E-mail: [dr\\_raviranjana@yahoo.co.in](mailto:dr_raviranjana@yahoo.co.in) or [drraviranjana@gmail.com](mailto:drraviranjana@gmail.com) or by fax- 0565-2763246 **latest by 10<sup>th</sup> September, 2022.** Participants, who are in Service, anticipating delay in forwarding their application through proper channel may send an advance copy directly and bring no objection certificate (NOC) at the time of joining the course. Applicants are advised not to bring any companion with them. Shortlisted candidate will be informed through Institute website, email or telephone on 11<sup>th</sup> September, 2022.

**Financial Implications:**

**Course fee will be charged from the participants Rupees 8000.00 per candidate. The accommodation and food charge have to pay by the candidates.** All participants may avail the lodging & boarding at Institute Guest House or Farmer hostel on rental basis as per tariff decided by ICAR or they may stay at Agra or Mathura as per their convenience. **No TA and DA will be given to any participants.** It is also required to inform fee depositing details (transaction ID) through email id or mention in application form. You may deposit your registration fee Rs. 8000/- (Eight thousand only) to following bank account details through NEFT/RTGS: Last date is 10.09.2022.

Name of Account holder : ICAR UNIT CIRG, Makhdoom  
 Bank Name : Punjab National Bank  
 Bank Address : Punjab National Bank, Farah, Mathura, U.P.  
 Account type : Current Account  
 A/C Number : 0314012100000190  
 IFSC Code : PUNB 0485300

\*Note: Applicant may also deposit training fee online through CIRG website: [www.cirg.res.in](http://www.cirg.res.in)

\*\*Selected candidate list will be displayed on 11th September, 2022.

**Course Coordinator:**

**Dr. Ravi Ranjan**

Senior Scientist, Animal Physiology and Reproduction Division (APR)

**Course Co-Coordinator**

**Dr. S. D. Kharche**, PS & Head, APR Division

**Dr. R. Pourchottamane**, PS, APR Division

**Dr. S. P. Singh**, Senior Scientist, APR Division

**Dr. Chetna Gangwar**, Scientist, APR Division

**Dr. Y. K. Soni**, Scientist, APR Division

**Contact for further details:**

**Dr. Ravi Ranjan, Senior Scientist,**

**Course Coordinator**

Animal Physiology and Reproduction Division,

ICAR-Central institute for Research on Goats, Makhdoom,

P.O- Farah Distt: Mathura, Uttar Pradesh 281122

Email: dr\_raviranjana@yahoo.co.in or dr\_raviranjana@gmail.com

Mob: 9368900794; 7417574362, Fax: 0565-2763246.

**Important Dates:**

Last date to reach application form: 10.09.2022

Information to the shortlisted candidates: 11.09.2022

Training Date: 16-22 September, 2022



## Application Format:

Applications must be formatted to contain the following information:

Passport size  
photo

1. Title of course: **Hands on Training on Estrus Synchronization and Artificial Insemination in Goats**
2. Full name (in block letters):
3. Designation/occupation:
4. Present employer with address:
5. Complete address for correspondence with telephone, fax and E-mail:
6. Qualification:
7. Detail of fee deposited:
8. Signature of applicant with date and place:
9. Certificate from employer (If Applicable): The application of Dr/ Mr/ Ms .....  
is here by recommended for attending the course entitled “Hands on Training on Estrus Synchronization and Artificial Insemination in Goats” being organized by the ICAR-Central Institute for Research on Goats from September, 16-22, 2022 for a period of 7 days. It is further certified that the information furnished by him/her has been verified and found correct.
10. Signature of recommending authority with designation and seal (if applicable)