



ICAR Sponsored Winter School on Intervention for paradigm shift from Conventional to Modern Approach in Goat Farming: A novel insight for Doubling Farmer's Income

January 11 - 31, 2022



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Department of Veterinary Physiology



Organized by

Department of Veterinary Physiology

College of Veterinary Science and Animal Husbandry

U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya

Evam Go Anusandhan Sansthan (DUVASU), Mathura-281001 (U.P.) INDIA



About Winter School

India is a developing country where more than 65 % population thrives on agriculture and allied practices for their livelihood. Since the ages of civilization, domestication of animals is scrutinised to fulfil the nutritional and economic demands of mankind. Goat is considered as an important asset to the farmers as it provides the economic ledger at any pinch of time.

Goat rearing can widen the horizon and scope for the farmers and young entrepreneurs to mitigate the challenges of economic deficit at gross root level *vis-a-vis* economic refurbishing at national and international market. Doubling the income of farmers is one of the dream of our Hon'ble Prime Minister and goat rearing with modern scientific intervention can aid in this pious dream of doubling the income of farmers. Also, lacking commercial goat farming in India need to be strengthen for providing impetus to promote goat business at International platform. Simultaneously ensuring quality and safety of food from animal origin is utmost importance for imparting better public health and promoting goat farming in terms of International prospective.

Therefore, the conceptualization and practical understanding of the scientific and modern goat rearing is of great importance not only for farmers but scientists as well. This course encompasses basic understanding of modern scientific goat rearing including goat nutrition, reproduction as well as allied and higher scientific practices *viz.* Molecular techniques including flow cytometry, western blot, PCR and also include various analytical techniques *viz.* ICP-OES, CASA etc. for better understanding of production parameters like growth rate, fecundity and milk yield in goat. Basic understanding and practical acumen of various analytical techniques is need of hour, including industry. So, we envisage imparting theoretical and practical knowledge including demonstrations of the functioning of Atomic Absorption Spectrometer (AAS), Gas Chromatography-Mass spectrometry (GC-MS), High Performance Liquid Chromatography (HPLC) and their use in assessment of quality assurance of food of animal origin.

Technical programme of this winter school includes lectures, practical sessions and group discussions that will provide a platform to share the views and ideas among scientists/teachers/researchers from ICAR Institutes, SAUs, CSIR and other Institutes.

Duration

The Duration of winter school will of 21 days from January 11-31, 2022. Outstation participants are requested to arrive latest by the evening of 10th January 2022 and can leave after 18:00 hrs on 31st January, 2022.

Eligibility

Assistant Professor/Scientist or equivalent possessing Master's or PhD degrees in the subjects of Veterinary Physiology, Reproduction, Gynaecology & Obstetrics, Livestock Production and Management, Livestock Product Technology, Animal Genetic & Breeding, Animal Nutrition, Biochemistry, Pharmacology, Biotechnology and other allied subjects and serving in SAUs, SVUs, ICAR Institutes, Deemed Universities, Medical Colleges/Universities and ICMR and CSIR Institutes are eligible for this Winter School. The total number of participants is restricted to 25. The last date of receipt of nomination is 20th December 2021. The selected candidates will be intimated on or before 25th December 2021 either by email/mobile/whatsapp, who inturn have to confirm their participation by 31st December 2021.

How to apply:

As per the ICAR instructions, the interested candidates should register and apply online through 'Capacity Building Programme' (CBP) portal as follows:

- Visit the website <http://www.iasri.res.in/cbp> or click on Capacity Building Programme link under <http://www.icar.org.in/> or <http://cbp.icar.gov.in/>
- Login using your user ID and Password. To create user ID use "Create New Account"
- After login, click on "Participate in Training" link and fill the Performa.
- Take a printout of the application and get it approved by the competent authority of the institute/SAU. Upload the scanned copy of application through the above portal or send duly signed copy through proper channel to the Course Director of Winter School by post along with Registration fee.
- The last date of receiving the nomination through proper channel is December 20, 2021.
The advance scanned copy of the nomination should be sent by email : physioduvasu@gmail.com

Registration:

Desirous participants are required to pay the sum of Rs. 50/- (Rupees Fifty only) as Demand Draft/Postal Order towards the registration fee (Non-refundable) in favour of "Finance Officer, U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU), Mathura" payable at Mathura.

Travel and Accommodation:

The travel expenses, lodging and boarding of selected candidates will be borne under the training budget as per University norms and budget provisions of ICAR. The participants joining the winter school will be paid travel fare to and fro journey (TA) as per entitled class, but restricted to II AC by train or Deluxe Bus. The participants must produce documentary evidence of traveling in the entitled class and fare will be reimbursed for the shortest route. Lodging and boarding for all outstation participants will be arranged free of cost in the University guest house/International hostel on sharing basis. Applicants are advised not to be accompanied by family members while coming for the course in view of accommodation issues.

How to reach

DUVASU campus is 4 Km away from Mathura Junction railway/ Bus station. Taxi, Auto can be availed at railway/Bus station to reach the University campus. Mathura is very well connected by road and railways from almost all directions. There are direct trains from almost all major towns of the country. Nearest major airport is Delhi but few flights are also available at Agra airport. Agra is about 58 km away from Mathura.

Mathura-The Host City and Veterinary University

Mathura, the birth place of Lord Krishna, is one of the most ancient places of pilgrimage in India. Twin-towns of Mathura and Vrindavan are the places of attraction for centuries and are situated on the bank of river Yamuna at a distance of 145 Km South-East of Delhi and 58 Km North-West of Agra.

Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU), Mathura was established by Government of Uttar Pradesh through the Act No. 27 of 2001 on October 25, 2001, . The College of Veterinary Science and Animal Husbandry, Mathura became it's first constituent college. The parent institution of this University had the distinction of being the first Veterinary College set up in independent India in 1947. It was the first Veterinary College in Asia to start with degree programme in Veterinary Science and to start M.V.Sc/M.Sc degree programmes in various disciplines of Veterinary and Animal Sciences in 1951 and the Ph.D. degree programmes in 1953.

Department of Veterinary Physiology had been pioneer in the research area of reproductive physiology, environmental physiology and climatology. The department has contributed more than 250 original research articles in various National and International research journals. The goat farm under the department is one of the best integrated goat farm in country. It has a *state-of-art* goat frozen semen production center, advance semen analysis facility, knowledge dissemination centre, milk processing and machine milking facility for goat. Frozen Semen doses from six different goat breeds is being supplied to eleven different states across the country. Veterinary Officers from different states, AI workers and women farmer are routinely being trained for AI in goats and the farmers are trained for scientific - profitable goat rearing. The department also has sperm signalling laboratory and Bio-Climatology Laboratory equipped with molecular probes, climate chamber, calorimetric units and automatic weather station.

Important Dates:

- Last date for receipt of Application : December 20, 2021
- Intimation to selected candidates : December 25, 2021
- Confirmation by selected candidates : December 31, 2021

For Contact

Course Director

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Course Co-ordinators

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All COVID-19 Protocols (as per MHA, GOI Guidelines) must be strictly followed.

Proforma of Application Form for the Participation in
ICAR Sponsored Winter School on
**Intervention for paradigm shift from
Conventional to Modern Approach in Goat Farming:
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1. Full Name (in block letters)
2. Date of Birth
3. Designation
4. Present Employer and address
5. Address for correspondence
Phone: Mobile: Email: Fax:
6. Permanent Address
7. Work experience and Publications (last 5 years)
8. Marital Status
9. The details of summer/winter/advanced course attended in last Three years
10. Demand draft (Rs 50/-) No..... dated in favour of Finance officer, DUVASU payable at Mathura
11. Academic records from Bachelor Degree onwards

Education qualification

Degree	Major Subjects	Year	Division	University/Institute
Bachelor				
Masters				
Ph.D.				
Any other				

Date:

Place:

(Signature of the applicant)

Recommendation of the forwarding authority

This is to certify that the information furnished by the applicant has been verified and found correct.

Signature
Designation with seal

All COVID-19 Protocols (as per MHA, GOI Guidelines) must be strictly followed.