

ANNOUNCEMENT



NAHEP



Certificate Course

**Under
IDP-NAHEP**

on

**“Recent Advancement in Reproductive and
Infertility Management of Dairy Animals ”**

24 January to 06 February, 2023



Organized by

**College of Veterinary Science & Animal Husbandry
U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan
Vishwavidyalaya Evam Go-Anusandhan Sansthan, Mathura-281001
Uttar Pradesh, INDIA**

About University

Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan, Mathura, find first of its kind in the State and fourth in the Country, was established by Government of Uttar Pradesh vide U. P. Act. No. 27 of 2001 on 25.10.2001 with the College of Veterinary Science & AH., the erstwhile U.P. College of Veterinary Science & Animal Husbandry, Mathura as its main constituent College. The mandate of the University is to (a) impart quality education in Veterinary and allied sciences (b) undertake need-based and basic research and (c) provide extension services to disseminate the research findings and knowledge to farmers and livestock owners.

About NAHEP

NAHEP has been formulated by ICAR with a total cost of US\$ 165 million for five years starting from 2017-18. The project is proposed on 50:50 cost sharing basis between the World Bank and the Government of India, implemented at the Education Division, ICAR, New Delhi. Overall, the project aims to develop resources and mechanism for supporting infrastructure, faculty and student advancement, and providing means for better governance and management of agricultural universities, so that a holistic model can be developed to raise the standard of current agricultural education system that provides more jobs and is entrepreneurship oriented and on par with the global agriculture education standards.

About Certificate Course

Reproductive disorders and infertility among cattle and buffalo pose serious economic loss to farmers in terms of low returns, production and veterinary expenses. Sincere and concerted efforts are required to apply promising reproductive technologies at field conditions in large scale to maximize the reproductive efficiency of farm animals. Anestrous and repeat breeding are two most serious reproductive problems affecting 30-40% of the total cattle and buffalo population in India. This results in a loss of 20-30 million tonnes of milk annually which translates to a loss of nearly Rs. 60,000 crores annually. Hence, recent information about the reproductive and infertility management of dairy animals will be helpful for optimum reproductive as well as productive performance.

Module of Certificate Course

- 1. Reproductive Management:** General management of dairy animals during different physiological stages of life. Infrared thermography approach for animal health management and reproduction.
- 2. Infertility management:** Use of ultrasonography in bovine reproduction. Management of reproductive disorders, repeat breeding. Handling of frozen semen, its evaluation and artificial insemination. Reproductive management by assisted reproductive technologies.
- 3. Nutritional/Feeding Management:** Boosting reproductive performance of dairy animals by nutritional intervention. Role of micro-nutrients supplementation in reducing repeat breeding in bovine.
- 4. General Health Management:** Common infectious diseases, diagnosis, prevention, control strategies and vaccination in dairy animals, production & metabolic diseases of dairy animals, common parasitic infestation, their diagnosis, prevention & control strategies in dairy animals.
- 5. Climate change/ heat stress and reproduction:** Effect of climate change or heat stress on reproductive performance of dairy animals.

Certificate Course

On

“RECENT ADVANCEMENT IN REPRODUCTIVE AND INFERTILITY MANAGEMENT OF DAIRY ANIMALS”

(24/01/2023 to 06/02/2023)

S. No.	Date	Topic	Expert/Presenter
1.	24/01/2023 4.00 to 5.30 PM	Boosting reproductive performance of dairy animals by nutritional intervention	Dr. Ankur Rastogi Assoc. Prof. ,SKUAST-J (J & K)
2.	25/01/2023 4.00 to 5.30 PM	Management of reproductive disorders in bovine	Dr. Shivprasad Prof. & Head, GBPUAT, Pantnagar
3.	26/01/2023 4.00 to 5.30 PM	Advancement of reproductive management of dairy animals	Dr. A. Kumaresan Principal Scientist, NDRI, Bangaluru
4.	27/01/2023 4.00 to 5.30 PM	Production and Metabolic Diseases of Dairy Animals	Dr. Rakesh Ranjan Principal Scientist, NRC, Bikaner
5.	28/01/2023 4.00 to 5.30 PM	Common Parasitic Infestation, Their Diagnosis, Prevention and Control Strategies in Dairy Animals	Dr. P. S. Banerjee Principal Scientist & I/C Regional Centre Kokata, IVRI
6.	29/01/2023 4.00 to 5.30 PM	Haemoprotzoal infection, their transmission, diagnosis and management in bovine	Dr. Devendra Kumar Gupta Assoc. Prof., NDVSU, Jabalpur
7.	30/01/2023 4.00 to 5.30 PM	Use of ultrasonography in female bovine animal reproduction	Dr. M. Honaparke Prof. & Head, GADVASU, Ludhiana
8.	31/01/2023 4.00 to 5.30 PM	Ameliorating infertility in dairy animals by means of micronutrients	Dr. Mahesh M Asst. Prof., BHU, Varanasi
9.	01/02/2023 4.00 to 5.30 PM	Management of anestrus in buffaloes	Dr. G. K. Das Principal Scientist, IVRI, Izatnagar
10.	02/02/2023 4.00 to 5.30 PM	Common Infectious Diseases, Their Diagnosis, Prevention and Control Strategies in relation to reproductive disorders in Dairy Animals	Dr. Babloo Kumar Principal Scientist, IVRI, Izatnagar
11.	03/02/2023 4.00 to 5.30 PM	Use of assisted reproductive technologies in reproductive management of bovine	Dr. Brijesh Kumar Scientist, IVRI, Izatnagar
12.	04/02/2023 4.00 to 5.30 PM	Effect of climate change on reproductive performance of dairy animals	Dr. Gyanendra Singh Principal Scientist, IVRI, Izatnagar
13.	05/02/2023 4.00 to 5.30 PM	Infrared thermography: A modern approach for management of animal health and reproduction	Dr. Mukesh Bhakat Principal Scientist, NDRI, Karnal
14.	06/02/2023 4.00 to 5.30 PM	Handling of frozen semen, its evaluation and artificial insemination	Dr. Pradeep Kumar Senior Scientist, CIRB, Hisar
15.	06/02/2023 5.30 to 6.30 PM	Feedback & Evaluation	Dr. Anuj Kumar Dr. Deep Narayan Singh Dr. Muneendra Kumar Dr. Vikas Sachan

About the Participants

All Veterinary Students (B.V.S.c & A.H/MVSc/Ph.D), Scientist, Faculty, SMS and Field Veterinarians can participate in this online certificate course. The certificate course will be conducted on zoom meeting platform. The link will be shared to the registered participants. The attendance is compulsory for each participant. The e-certificate & e- compendium will be provided to successfully completed participants only.

About the Registration

The course will be available on payment basis with course fee of Rs.500=00 (five hundred only) per participant to be deposited in IDP-NAHEP account (**A/c No. 50200060494118**, Name-Finance Officer DUVASU Mathura, HDFC Bank, **IFSC- HDFC0000928**), before the last date of registration i.e 22 January 2023 at 5PM.

For Registration

[CLICK HERE](#)

Organizing Committee

Patron

Prof. (Dr.) A. K. Srivastava
Vice Chancellor

Co-Patron

Prof. (Dr.) P. K. Shukla
Dean COVSc&AH

Chairman

Dr. Atul Saxena
PI-IDP, NAHEP

Course Coordinators & Convenors

Dr. Anuj Kumar
Associate Professor

Dr. D. N. Singh
Assistant Professor

Dr. Muneendra Kumar
Assistant Professor

Dr. Vikas Sachan
Assistant Professor

For any clarification: contact no. 9319509807, 9415821530, e-mail: anujduvasu@gmail.com

