

Certificate course

under
IDP-NAHEP

on

RECENT ADVANCEMENT IN REPRODUCTIVE AND INFERTILITY MANAGEMENT OF DAIRY ANIMALS

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



Organized by

U.P. Pt. Deen Dayal Upadhyaya Pashu

Chikitsa Vigyan Vishwavidyalaya

Evam Go Anusandhan Sansthan, Mathura

About University

Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan, Mathura, 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.

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.

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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
2.	25/01/2023 4.00 to 5.30 PM	Management of reproductive disorders in bovine	Dr. S. P. Maurya
3.	26/01/2023 4.00 to 5.30 PM	Advancement of reproductive management of dairy animals	Dr. A. Kumaresan
4.	27/01/2023 4.00 to 5.30 PM	Production and Metabolic Diseases of Dairy Animals	Dr. Rakesh Ranjan
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
6.	29/01/2023 4.00 to 5.30 PM	Haemoprotozoal infection, their transmission, diagnosis and management in bovine	Dr. Devendra Kumar Gupta
7.	30/01/2023 4.00 to 5.30 PM	Use of ultrasonography in female bovine animal reproduction	Dr. M. Honaparke
8.	31/01/2023 4.00 to 5.30 PM	Ameliorating infertility in dairy animals by means of micronutrients	Dr. Mahesh M
9.	01/02/2023 4.00 to 5.30 PM	Management of anestrus in buffaloes	Dr. G. K. Das

S. No.	Date	Topic	Expert/Presenter's detail
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
11.	03/02/2023 4.00 to 5.30 PM	Use of assisted reproductive technologies in reproductive management of bovine	Dr. Brijesh Kumar
12.	04/02/2023 4.00 to 5.30 PM	Effect of climate change on reproductive performance of dairy animals	Dr. Gyanendra Singh
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
14.	06/02/2023 4.00 to 5.30 PM	Handling of frozen semen, its evaluation and artificial insemination	Dr. Pradeep Kumar
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



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24th January - 06th February, 2023

Organized by

U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya
Evam Go Anusandhan Sansthan, Mathura



Patron
Prof. (Dr.) A.K. Srivastava
Vice-Chancellor, DUVASU, Mathura



Prof. (Dr.) P. K. Shukla
Dean, College of Veterinary Science & A.H.



Chairman
Dr. Atul Saxena
PI, IDP-NAHEP, DUVASU, Mathura

Course Coordinators & Convenors



Dr. Anuj Kumar



Dr. Deep Narayan Singh



Dr. Muneendra Kumar



Dr. Vikas Sachan