

Certificate course

under
IDP-NAHEP

Modern Dairy Farm Practices for Optimizing Health and Production

20th September to 03rd October, 2021



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, 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.

Module of Certificate Course

The university is going to organize certificate courses under IDP-NAHEP for B.V.Sc. & A.H. students on the topic entitled “Modern Dairy Farm Practices for Optimizing Health and Production”. The topic will cover a wide aspects for required for Modern Dairy Farm. It includes

1. **Dairy Farm Management:** General management of dairy animals during different stages of life, housing and shelter management, milking management and clean milk production, feed and fodder availability round the year to improve health and productivity of dairy animals.
2. **Nutritional Management of Dairy Animals:** Feeding and nutritional management of dairy animals, balance feed formulation and feed and fodder preservation techniques for round year quality fodder supply.
3. **Breeding and Reproductive Management:** Breeding strategies for improving productivity of dairy animals, artificial insemination and infertility management, management of assisted reproduction.
4. **Health Management of Dairy Animals:** 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. **Dairy Extension, Public Health and Value Addition of Milk and Milk Products:** Introductory knowledge about dairy entrepreneurship, occupational hazards in dairy and its impact on public health, value addition and quality assessment of milk and milk products.

Certificate Course On Modern Dairy Farm Practices for Optimizing Health and Production (20/09/2021 to 03/10/2021)

S. No.	Date	Topic	Expert/Presenter's detail
1.	20/09/2021 5.30 to 7.00 PM	Balanced Rations Formulation for Dairy Animals	Dr. Ankur Rastogi
2.	21/09/2021 5.30 to 7.00 PM	Feeding and Nutritional Management of Dairy Animals	Dr. Vijay Kumar Singh
3.	22/09/2021 5.30 to 7.00 PM	Fodder Preservation Strategies: Hay and Silage Making	Dr. Sanjay Kumar
4.	23/09/2021 5.30 to 7.00 PM	SOP for Artificial Insemination in Dairy Animals	Dr. Hiron M Harshan
5.	24/09/2021 5.30 to 7.00 PM	Management of Repeat Breeding Syndrome in Dairy Animals	Dr. S.P. Maurya
6.	25/09/2021 4.00 to 5.30 PM	Use of Assisted Reproductive Technology in Management of Reproduction in Dairy Animals	Dr. M. Honaparke
7.	25/09/2021 5.30 to 7.00 PM	How to Become a Successful Dairy Entrepreneur?	Dr. Pranav Kumar
8.	26/09/2021 4.00 to 5.30 PM	Occupational Hazard Related to Dairy and its Impact on Public Health	Dr. Namita Joshi
9.	26/09/2021 5.30 to 7.00 PM	Value Addition and Quality Control of Milk and Milk Products	Dr. V.P. Singh

S. No.	Date	Topic	Expert/Presenter's detail
10.	27/09/2021 5.30 to 7.00 PM	Common Infectious Diseases, Their Diagnosis, Prevention and Control Strategies in Dairy Animals	Dr. Ashwani Kumar
11.	28/09/2021 5.30 to 7.00 PM	Production and Metabolic Diseases of Dairy Animals	Dr. Rakesh Ranjan
12.	29/09/2021 5.30 to 7.00 PM	Breeding Strategies for Improving Productivity of Dairy Animals	Dr. Anuj Chauhan
13.	30/09/2021 5.30 to 7.00 PM	Common Parasitic Infestation, Their Diagnosis, Prevention and Control Strategies in Dairy Animals	Dr. M. Shanker
14.	01/10/2021 5.30 to 7.00 PM	Management of Dairy Animals in Different Stages of Life	Dr. Anjani Kumar Mishra
15.	02/10/2021 4.00 to 5.30 PM	Milking Management of Dairy Animals	Dr. Amit Sharma
16.	02/10/2021 5.30 to 7.00 PM	Housing and Shelter Management of Dairy Animals	Dr. K.N Wadhvani
17.	03/10/2021 5.30 to 7.00 PM	Round the Year Quality Fodder Production to Improve Health and Productivity of Dairy Animals	Dr. S.K. Singh
18.	03/10/2021 7.00 PM Onwards	Feedback & Evaluation	Dr. Anuj Kumar Dr. Deep Narayan Singh Dr. Muneendra Kumar Dr. Amit Singh

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Patron
Prof. (Dr.) G.K. Singh
Vice-Chancellor, DUVASU, Mathura



Co-Patron
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. Amit Singh

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Methodology for conduct of course: Pre and Post Evaluation: Pre and post evaluation will be carried out to evaluate the impact of the certificate course.

Conduct of the certificate course: The certificate course will consist of online lectures-cum-discussions, demonstrations, tutorials, case studies, experience sharing in relation to Modern dairy farm practices.

Evaluation: There will be evaluation of the candidates at the end of the course. The evaluation will be in the form of Multiple Choice Questions (MCQs).

Feedback: Candidates need to provide the feedback at the end of certificate course.

Duration: 20th September, to 03rd October, 2021 (Fourteen Days)

No. of seats: 32 seats for B.V.Sc & A.H students