



NAHEP



Brainstorming Session

on

Feeding Strategies in Ruminants for Healthy Milk and Green Environment

3rd September 2022

Organized By
Department of Animal Nutrition
College of Veterinary Science and Animal Husbandry
U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan
Vishwavidyalaya Evam Go- Anusandhan Sansthan
Mathura (U.P.) 281001



Platinum Jubilee Celebration
College of Veterinary Science and Animal Husbandry, Mathura

About the University, College and Department

Brij area is known since time immemorial for lord Krishna and its animal wealth, particularly cows. There are large numbers of Gau-shalas in and around Mathura having hundreds and thousands of cows. The whole of Brij Kshetra is famous for its milk and products (doodh, dahi, makhan, pera etc.) Recognizing the important of live-stock of this area, the erstwhile U.P. College of Veterinary Science and Animal Husbandry was established in Mathura by Govt of U.P. in 1947. It was the first Veterinary College in Asia to confer the degree in Veterinary Science. In the year 1975, this College was made a constituent College of the newly established C.S. Azad University of Agriculture and Technology, Kanpur However, keeping in view the requirement of trained and competent manpower in the field of Veterinary Science, Animal Husbandry, Fisheries and other allied disciplines and also to give a fillip to research on different aspect of cattle production, Govt. of Uttar Pradesh established U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Exam Go-Anusandhan Sansthan, Mathura, the fourth Veterinary University in the country and the Veterinary College Mathura became the first constituent College of the University 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. Presently, University have 20 Department in College of Veterinary Sciences and College of Biotechnology and Institute of Para-Veterinary Sciences.



Department of Animal Nutrition was established in year 1947 and M. V. Sc and PhD degree programme were initiated in the year 1958. Since, establishment, Department has been working place for pioneer worker in field of animal nutrition in India like Dr S. K. Talapatra, Dr S. K. Ranjhan, Dr C. S. Barsaul etc., who were pioneer in fields of mineral nutrition, anti-nutritional factor, unconventional feed etc. Department has been engaged in evolving cheap and economic ration for various categories of livestock and poultry. Department has been instrumental in providing technical services to farmers, government officer, industry personals and livestock owners. Training of undergraduate and postgraduate students on proximate analysis, anti-nutritional factors, feed formulation of various classes of livestock and poultry produces trained man power for country as quality control expert and nutritionist. Currently, our scientists are working in the areas of mineral nutrition (organic, chelated and nano minerals) and fodder evaluation. Till 2021 a total of 127 M.V.Sc and 40 PhD students have successfully completed his/her degree from this Department. Recently, Department of animal nutrition has established advance state of the art "Feed analysis laboratory"



For analysis of minerals by ICP-OES, pesticides, VFAs and mycotoxins by GC/HPLC and energy by Bomb calorimeter. Department is catering the analysis services to various Institute i.e. IVRI, NDRI and State Agriculture Universities, Farmers, line departments of state government and Industry. In conformity to its thrust a brainstorming session is scheduled on 3rd September, 2022 on the topic “Feeding Strategies in Ruminants for Healthy Milk and Green Environment”.



Brainstorming Session

Department of Animal Nutrition has a good infrastructure or laboratory with state of art facility equipped with basic as well as advance techniques for conducting research related to minerals estimation, methane estimation or fatty acid analysis with special reference to animal production, health and environment. Brain storming session encompassing experts from Institute of National importance and having vast experience in the related field will deliberate on action in area of feeding for healthy milk and green environment. The organizing a brainstorming session is aimed to (1) bring experienced stake holders working on the topic at single platform (2) getting a firsthand information on present research work being carried out (3) exploring newer areas of research in related field (4) discuss on the present practice being followed on related aspect.

Organizing Committee

Patron	Prof. A. K. Srivastava, Vice Chancellor
Chairman	Prof. P. K. Shukla, Dean, COVSc and AH
Organizing Secretary	Prof. Vinod Kumar, Animal Nutrition
Co-Organizing Secretary	Dr. Muncendra Kumar, Assistant Professor, Animal Nutrition
Co-Organizing Secretary	Dr. Shalini Vaswani, Assistant Professor, Animal Nutrition
Technical Secretary	Dr. Raju Kshwaha, Assistant Professor, Animal Nutrition
Treasurer	Dr. Avinash Kumar Assistant Professor, Animal Nutrition

Details of Technical Program

Time	Activity
10.15 am	Introduction of the delegates and welcome by Dr. Atul Saxena, Director Research, DUVASU, Mathura
10.25 am	Flagging of the issues by Vice Chancellor, Prof. (Dr.) A. K. Srivastava

Theme Lecture Session

(Co-chairs: Dr. A. K. Tyagi, ADG, Animal Nutrition and Physiology, ICAR, New Delhi and Dr. D. K. Sharma, Director, ICAR-CIRG, Makhdoom, Mathura; Rapporteur; Dr. Amit Singh, DUVASU, Mathura and Dr. Raju Kushwaha, DUVASU, Mathura)

11.00 am	Dr. A. K. Tyagi, ADG, Animal Nutrition and Physiology, ICAR, New Delhi
11.30 am	Dr. L.C. Chaudhary, Principal Scientist, ICAR-IVRI, Bareilly
12.00 am	Dr. Sachin Gupta, Scientist, ICAR-NDRI, Karnal
12.30 pm	Dr. Nitin Tyagi, Principal Scientist, ICAR-NDRI, Karnal
1.00 pm	Dr. Ravindra Kumar, Principal Scientist, ICAR-CIRG, Makhdoom, Mathura
01.30 pm	Lunch
02.30 pm	Panel Discussion

Chairman: Prof (Dr.) A.K. Srivastava, Vice Chancellor, DUVASU, Mathura

Panellists

Dr. A. K. Tyagi, ADG, Animal Nutrition and Physiology, ICAR, New Delhi
Dr. P. K. Shukla, Professor and Head, Poultry Science, DUVASU, Mathura
Dr. L.C. Chaudhary, Principal Scientist, ICAR-IVRI, Bareilly
Dr. Ravindra Kumar, Principal Scientist, ICAR-CIRG, Makhdoom, Mathura
Dr. Nitin Tyagi, Principal Scientist, ICAR-NDRI, Karnal
Dr. Sachin Gupta, Scientist, ICAR-NDRI, Karnal
Dr. Vinod Kumar, Professor and Head, Animal Nutrition, DUVASU, Mathura
Dr. Rajneesh Sirohi, Assistant Professor, LPM, DUVASU, Mathura
Dr. Brijesh Yadav, Associate Professor, Physiology, DUVASU, Mathura
Dr. Yajuvendra Singh, Assistant Professor, LPM, DUVASU, Mathura
Dr. Muneendra Kumar, Assistant Professor, Animal Nutrition, DUVASU, Mathura
Dr. Raju Kushwaha, Assistant Professor, Animal Nutrition, DUVASU, Mathura
Dr. Shalini Vaswani, Assistant Professor, Animal Nutrition, DUVASU, Mathura
Dr. Avinash Kumar, Assistant Professor, Animal Nutrition, DUVASU, Mathura

Faculty from DUVASU, Mathura

4.30 pm	Remarks by Dr. A.K. Tyagi, ADG, Animal Nutrition & Physiology, ICAR, New Delhi
4.40 pm	Remarks by Dr. D. K. Sharma, Director, ICAR-CIRG, Makhdoom, Mathura
4.50 pm	Distribution of Certificates
5.00 pm	Concluding Remarks by Prof. (Dr.) A.K. Srivastava, Vice Chancellor
5.10 pm	Vote of thanks by Dr. Vinod Kumar, Organizing Secretary