

September, 6-26, 2017



**AN
ADVANCED
SHORT
COURSE FOR
TEACHERS
AND
RESEARCHERS
IN ANIMAL
NUTRITION**

ADVANCES IN ANIMAL NUTRITION FOR IMPROVING LIVESTOCK PRODUCTIVITY



**CENTRE OF ADVANCED FACULTY TRAINING IN ANIMAL NUTRITION
ICAR-INDIAN VETERINARY RESEARCH INSTITUTE
IZATNAGAR – 243 122**

COURSE OBJECTIVE

Livestock plays an important role in the rural economy and also an additional source of income for the livestock owners. There is a chronic shortage of feed and fodder in the country causing poor growth and production of the livestock. The diversion of agricultural by-products towards industry, which primarily were used as animal feed leads further shortage, challenging the livestock production. The partial utilization of the nutrients by the livestock is also responsible for higher cost of production. Due to the malnourishment, livestock are suffering from poor health and production. Therefore, it is necessary to reduce the gap between demand and supply of animal feed and fodder. Improving feed utilization by the animals is one of the feasible strategy to reduce the cost of production as the feed is the only single entity which constitute the major cost for livestock production. Many recent nutritional interventions have been come up to improve nutrients utilization from poor quality feed and fodder resulting better production efficiency in terms of milk, meat, eggs etc. Looking at the present scenario, present course has been designed to share the advanced knowledge on recent approaches of animal feeding and nutrition for better livestock production and health with the researchers, teachers and extension workers of NARES of the country.

COURSE DESCRIPTION

The course will cover lectures delivered by the scientists of the institute and invited experts from other organizations. A practical training in latest techniques will be imparted to the participants. The short course will be aimed mainly at improved and sustainable livestock production. The broad areas of the course will be as follows:

- Livestock feed resources and its improvement for nutrients availability
- Advanced technology in animal nutrition research
- Rumen fermentation and its manipulation for improved livestock productivity
- Hands on training on important techniques used in animal nutrition and rumen manipulation

Each participant will be required to give a brief presentation highlighting his or her activities in their parent organization and provide feedback on the course.

COURSE LOCATION

The course will be held at the Centre of Advanced Faculty Training in Animal Nutrition, ICAR-Indian Veterinary Research Institute, Izatnagar. Established in 1921, the Animal Nutrition Division of the institute has been the torch bearer for scientific and human resource development in the areas of Animal Nutrition and feed science in the country. In the process, it has evolved into a premier seat of learning and recognized as *Centre of Advanced Studies in Animal Nutrition* by the Indian Council of Agricultural Research in 1995 with a mandate for human resource development in the frontier areas of Animal Nutrition to train scientists and teachers of National Agricultural Research System, which has subsequently been rechristened as *Centre of Advanced Faculty Training* since 2009. The proposed course is the 48th course in the series of short courses organized successfully so far by this centre.

IMPORTANT DATES

- Course duration: 21 days from September 06 - 26, 2017
- Last date of receipt of application: 15th August, 2017

ELIGIBILITY

- ✓ Master's Degree in Animal Nutrition or allied subjects
- ✓ Working not below the rank of Assistant Professor and equivalent in the concerned subject under Agricultural University /ICAR institutes/allied organization

COURSE PERSONNEL

Patron

Dr R. K. Singh, Director cum Vice-Chancellor
ICAR-Indian Veterinary Research Institute (Deemed University)

Course Director

Dr A. K. Verma, PS and Head, Animal Nutrition

Director
Centre of Advanced Faculty Training in Animal Nutrition
ICAR-Indian Veterinary Research Institute

Course Coordinator

Dr S.K. Saha, Principal Scientist
Centre of Advanced faculty Training in Animal Nutrition
ICAR-Indian Veterinary Research Institute

Core Faculty

Dr. L.C. Chaudhary, Principal scientist
Dr V.B. Chaturvedi, Principal Scientist
Dr. Asit Das, Principal Scientist
Centre of Advanced Faculty Training in Animal Nutrition
ICAR-Indian Veterinary Research Institute

APPLICATION PROCEDURE

Desirous participants not below the rank of Assistant Professor and equivalent in the concerned subject under Agricultural University /ICAR institutes need to apply online using the CBP portal of ICAR as per the following steps:

Log on to <http://iasri.res.in/cbp> or under the link *Capacity Building Program* at <http://icar.org.in>

1. Fill up the online application following the onscreen guidelines

2. Take a printout of the filled-in application and get it approved by the competent authority of your organization
3. Upload the scanned copy of approved application at the CBP portal

However, applicants may send an advance copy (via e-mail) directly to the Course Director as per the format given in this brochure. Selection of participants will be done from online applications and the list of selected participants will be uploaded/ displayed on the portal. The selected candidates will also be informed individually.

FINANCIAL IMPLICATIONS

No course fee will be charged for the course. The participants joining the course will be paid TA as per the entitlement, but restricted to III AC Class and DA for the journey period, provided they produce a certificate from their parent organization to the effect that they are not being paid any TA/DA for attending this course. *The participants will have to produce documentary evidence of travelling in the entitled class.* Lodging and boarding for all the outside participants will be arranged free of cost in one of our guesthouses for the period of their stay during the course.

REACHING IVRI

ICAR-Indian Veterinary Research Institute, a premier national institute of Indian Council of Agricultural Research, is situated at Izatnagar, a satellite town of Bareilly city, 8 km North of Bareilly Junction, on Bareilly-Nainital highway. Bareilly is well connected by road as well as by train with New Delhi. One can reach Izatnagar from Bareilly railway station by rickshaw or auto rickshaw. The weather in September will be pleasant, temperature ranging from 25-40°C.

CONTACT FOR FURTHER DETAILS

Dr S.K. Saha

Principal Scientist & Course Coordinator

CAFT in Animal Nutrition

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APPLICATION FOR ATTENDING SHORT COURSE

1. Title of the course :
2. Full name (in block letters) :
3. Designation :
4. Present employer with address :
5. Address for correspondence with telephone, fax and e-mail :
6. Professional qualification :

<i>Name of degree</i>	<i>University</i>	<i>Major subject offered</i>	<i>Year of passing</i>

7. Signature of applicant :
8. Date and place :
9. Certificate from employer :
The application of Dr/Mr/Ms _____ is hereby recommended for attending the course **entitled Advances in Animal nutrition for improving livestock productivity** being organized by the CAFT in Animal Nutrition, ICAR-IVRI, Izatnagar from September 06-26, 2017. It is further certified that the information furnished by him/her has been verified and found correct.
10. Signature of recommending authority with designation and official seal