

NUTRITIONAL INTERVENTIONS FOR SUSTAINABLE LIVESTOCK PRODUCTION UNDER IMPENDING CLIMATIC CHANGE SCENARIO

**An Advanced Short Course for Teachers and Researchers in
Animal Nutrition and Allied Disciplines**

September 17- October 7, 2015



**CENTER OF ADVANCED FACULTY TRAINING IN ANIMAL NUTRITION
ICAR-INDIAN VETERINARY RESEARCH INSTITUTE**

IZATNAGAR – 243 122

COURSE OBJECTIVE

Livestock are the lifeline for millions of small holdings or landless farmers of our country and it is one of the fastest growing sector of agriculture. Climate change due to global warming is of increasing concern to mankind and one of its many causes is the increase in atmospheric carbon dioxide and methane concentration of which a significant part is contributed by the ruminants. In this backdrop, animal nutrition strategies need to be developed to address the problems. The present course has been designed to find out the national needs of livestock production and protection of environment through appropriate nutritional interventions and accordingly to develop strategies for sustainable livestock production under impending climatic change scenario.

COURSE DESCRIPTION

The present advanced course is aimed for Researchers and Teachers of Animal Nutrition and Allied subjects working in ICAR, SAUs and Animal Science & Veterinary Universities. The course will be especially useful to the professionals engaged in animal nutrition research and extension activities, particularly to those involved in challenging areas of animal nutrition. The course objectives will be achieved through a series of lectures, practical exercises and group discussions. The course will focus on various nutritional interventions for sustainable livestock production under impending climatic change scenario particularly on,

- **Nutritional interventions for mitigation of green house gases**
- **Nutritional management to reduce thermal stress**
- **Heavy metals and livestock health and production**
- **Global challenges for animal nutrition research**
- **Advanced analytical techniques in animal nutrition research**

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, Indian Veterinary Research Institute, Izatnagar. Established in 1921, the Animal Nutrition Division of the institute has been the torchbearer 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 the *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 Education and Extension System, which has subsequently been rechristened as *Centre of Advanced Faculty Training* since 2009.

The proposed course Nutritional interventions for sustainable livestock production under impending climatic change scenario is the 44th course in the series of short courses organized successfully so far by this centre.

IMPORTANT DATES

- Course duration: 21 days from September 17-October 7, 2015
- Last date of receipt of application: 20 August, 2015

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

COURSE PERSONNEL

Patron

Dr Raj Kumar Singh, Director cum Vice Chancellor

ICAR-Indian Veterinary Research Institute (Deemed University), Izatnagar-243122

Course Director

Dr Ashok K Verma, Director

Centre of Advanced Faculty Training in Animal Nutrition

ICAR-Indian Veterinary Research Institute (Deemed University), Izatnagar-243122

Course Coordinator

Dr V B Chaturvedi, Principal Scientist

Centre of Advanced Faculty Training in Animal Nutrition

ICAR-Indian Veterinary Research Institute (Deemed University), Izatnagar-243122

Core Faculty

Dr Putan Singh, Principal Scientist

Dr Narayan Dutta, Principal Scientist

Dr S K Saha, Principal Scientist

Centre of Advanced Faculty Training in Animal Nutrition

ICAR-Indian Veterinary Research Institute (Deemed University)

Izatnagar-243122, UP

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 vortal of ICAR as per the following steps:

1. Log on to <http://iasri.res.in/cbp> or under the link *Capacity Building Program* at <http://icar.org.in>
2. Fill up the online application following the onscreen guidelines
3. Take a printout of the filled-in application and get it approved by the competent authority of your organization
4. Upload the scanned copy of approved application at the CBP vortal

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 vortal. 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 II AC Sleeper 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

Indian Veterinary Research Institute is a premier national institute of 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-October will be very pleasant temperature ranging from 25-35°C.

CONTACT FOR FURTHER DETAILS

Dr V B Chaturvedi

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 qualifications :

<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 “**Nutritional interventions for sustainable livestock production under impending climatic change scenario**” being organized by the CAFT in Animal Nutrition, IVRI, Izatnagar from September 17-October 7, 2015. 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

