

Recent Trends in Comparative Animal Nutrition

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

16th Sept. to 06th Oct., 2016



Centre of Advanced Faculty Training in Animal
Nutrition

ICAR-INDIAN VETERINARY RESEARCH INSTITUTE
Izatnagar-243 122 (UP) India



Course Objective

In the recent years, the scope and dimension of Animal Nutrition research have expanded manifolds. One of the prime focuses on animal husbandry sector in last few decades has been improvement of productivity from non-ruminant animals. However, nutritional needs of this group of animals are drastically different from their ruminant counterparts. A comprehensive analysis of minute details of metabolism and nutrient utilization is thus pre-requisite to fully utilize the genetic potential of the species. Other areas of animal nutrition research that are expanding at rapid rates are nutrition of fish, companion animals and zoo animals. Primary objective of this course is to update the participants with latest developments in the field of comparative nutrition that may promote ex-situ conservation of endangered species, improve animal welfare and also contribute to increased productivity in an eco-friendly manner. Additionally, the course is intended to generate teaching material, development of human resources and to generate interest among young professionals to conduct research in this field.

Course Description

This course is designed for researchers and teachers of animal nutrition working in the National Agricultural Research System including state agricultural/veterinary universities, organizations involved in animal welfare, conservation of species and manufacturers of captive, pet and companion animal food. The course is especially applicable to professionals involved in comparative animal nutrition research activities with particular interest in endangered species,

animal welfare and health safety assessment. The course objectives will be achieved through a combination of presentations, practical exercises and group discussions. It will particularly focus on:

- Comparative digestive system and function of vertebrates
- Principles of captive animal nutrition
- Comparative microbial diversity of vertebrates
- Comparative aspects of nutrient utilization among different species of livestock
- Role of nutrition in conservation of endangered species
- Recent developments in comparative nutrition of pet and companion animals
- Comparative aspects of nutrition of birds
- Analytical techniques for comparative assessment of digestive function, nutrient utilization and metabolism in different species of animals

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 IVRI, Izatnagar has been the torch bearer for scientific and human resource development in the areas of Animal Nutrition and Feed Science. In the process, it has evolved into a premier seat of learning and was recognized as Centre of Advanced Studies, which has now been

re-named as the Centre of Advanced Faculty Training in Animal Nutrition by the Indian Council of Agricultural Research with mandate of human resource development in the frontier areas of Animal Nutrition to train scientists and teachers of National Agricultural Research System. The proposed course on “Recent Trends in Comparative Animal Nutrition” is the 46th course in the series of short course organized successfully so far by the Centre.

Application Procedure

Desirous participants, not below the rank of Assistant Professor and equivalent in the concerned subject under Veterinary/Agricultural University /ICAR institutes need to apply online using the CBP portal 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 portal

However, in circumstances where in applicants are not able to submit online applications, an advance copy of the duly filled application form in the format as given in this brochure may directly be sent to Dr. A.K. Verma, Course Director, Centre of Advanced Faculty Training in Animal Nutrition, ICAR-Indian Veterinary Research Institute, Izatnagar- 243 122, U.P. Telefax: 0581-2301318; Email: hdanivri@gmail.com latest by August 17, 2016. 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.

Application Format

Applications must be formatted to contain the following information: (1) Title of course (2) Full name (in block letters) (3) Designation (4) Present employer with address (5) Address for correspondence complete with telephone, fax and E-mail (6) Professional qualification (name of degree, university, year of passing and major subjects offered) (7) Signature of applicant with date and place (8) Certificate from employer: The application of Dr/Mr/Ms_____is hereby recommended for attending the course entitled “Recent Trends in Comparative Animal Nutrition” being organized by the CAFT in Animal Nutrition, IVRI, Izatnagar from February 09-29, 2012 for a period of 3 weeks. It is further certified that the information furnished by him/her has been verified and found correct. (9) Signature of recommending authority with designation and seal.

Financial Implications

No course fee will be charged from the participants, however, the participants joining the course will be paid TA as per entitled class, but restricted to II AC Sleeper Class, and DA for the journey period, provided they produce a certificate from the parent organization to the effect that they are not being paid any TA/DA for this course. The participants will have to produce documentary evidence of traveling in the Lodging and boarding for all the outside

participants will be arranged free of cost in one of our guest houses for the period of their stay during the course.

Traveling

Indian Veterinary Research Institute, a premier National Institute of Veterinary and Animal Sciences of Indian Council of Agricultural Research is situated at Izatnagar, a satellite town of Bareilly city, 8 km North of Bareilly Junction, on Mathura-Lalkuan railway line. One can also reach Izatnagar from Bareilly railway station by rickshaw or auto rickshaw. The weather in February is cool and pleasant, temperature ranging from 15-25°C. Participants are advised to bring sufficient warm clothes. Not being paid any TA/DA for this course. The participants will have to produce documentary evidence of traveling in the entitled class. Lodging and boarding for all the outside participants will be arranged free of cost in one of our guest houses for the period of their stay during the course.

Patron

Prof. R.K. Singh, Director IVRI, Izatnagar

Course Director

Dr. A.K. Verma, Director

Core Faculty

Dr. Putan Singh, Principal Scientist

Dr. Narayan Dutta, Principal Scientist

Dr. VB. Chaturvedi, Principal Scientist

Contact for further details:

Dr. Asit Das

Principal Scientist & Course Coordinator CAFT in Animal Nutrition
IVRI, Izatnagar-243 122

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E-mail: drasitdas@rediffmail.com



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An Advanced Short Course
for

Researchers and Teachers in Animal Nutrition and Allied Disciplines

16th Sept. to 06th Oct., 2016

To,



From:
Centre of Advanced Faculty Training in Animal Nutrition
INDIAN VETERINARY RESEARCH INSTITUTE
Izatnagar-243 122 (UP) India



THE VETERINARY
ICAR

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

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 ***Recent Trends in comparative Animal Nutrition*** being organized by the CAFT in Animal Nutrition, IVRI, Izatnagar from **September 16 to October 06, 2016**. 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