

# NUTRITION FOR HEALTH

*Advances in the Science of Animal Nutrition*

[An advanced Short Course for the researchers and teachers under the CAFT Programme of ICAR]

## CHIEF PATRON

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CAFT in Animal Nutrition

February 07-27, 2018

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

Izatnagar-243122



## BACKGROUND

Recent developments in the field of food bioscience have brought to the fore the important role nutrition can play in ensuring health and wellbeing. It is being increasingly clear through advanced clinical nutrition research that food plays a central role in optimal health and strategic use of diets can have profound impacts on the present and future health. While many of the emerging concepts on the potential use of specific nutrients and nutraceuticals for prevention and/or therapeutic management of diverse diseases have their origin for human application, the same can have wide-ranging applications in managing the health and wellbeing of farm and companion animals as well. This advanced course targets addressing the relationship between nutrition and animal health with a focus on increasing

productivity while safeguarding optimal health and wellbeing.

## COURSE DESCRIPTION

This advanced course is designed for researchers and teachers of Animal Nutrition and related disciplines working in the National Agricultural Research and Education System including state agricultural / veterinary universities and field diagnostic laboratories. The course is particularly applicable to professionals involved in clinical nutrition research and teaching with interest in health and welfare of farm animals and pets.

The course objectives will be achieved through a combination of presentations, practical exercises and group discussions. Emphasis will be given to hands-on training involving latest nutritional, biochemical, immunological and molecular

biology techniques relevant to the study of health impacts of nutrition. It will particularly focus on the following aspects:

- Nutrition, microbiota and health
- Nutrient metabolism and infection
- Role of nutrients in systemic diseases
- Nutraceuticals for health
- Analytical techniques for clinical nutrition

### LOCATION

The course will be held at the Centre of Advanced Faculty Training (CAFT) in Animal Nutrition, ICAR-Indian Veterinary Research Institute, Izatnagar.

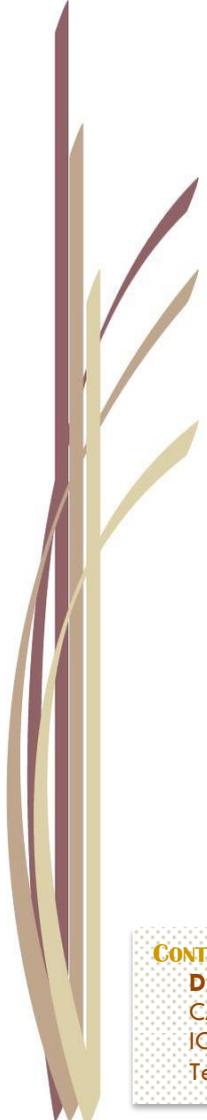
Established in 1921, the Animal Nutrition Division of the institute has been the pacesetter for scientific and human resource development in the areas of animal nutrition and

feed science. In the process, it has evolved into a premier center of knowledge and learning, and consequently recognized as the Centre of Advanced Studies (CAS) in Animal Nutrition by the Indian Council of Agricultural Research in 1995 with the mandate of human resource development in the frontier areas of Animal

Nutrition. The CAS has since been rechristened as a CAFT in 2009.

Housed in one of the oldest edifices in the campus, the magnificent building of the division boasts of an assortment of modern contemporary infrastructures and equipments facilitating cutting-edge





research, teaching and training in the field of animal nutrition.

### TRAVEL, BOARDING & LODGING

There will be no course fee. The participants joining the course will be paid TA as per entitled class, but restricted to II AC Sleeper and DA for the journey period. The participants must produce documentary evidence of traveling in the entitled class.

*Travel by air is strictly not permissible.*

Lodging and boarding for all outstation participants will be arranged free of cost in one of the guest houses of the institute.

The weather in early February will be cold,

temperature ranging from 10 to 30 °C. Warm woolen clothes are extremely essential.

### REACHING IVRI

Indian Veterinary Research Institute, established way back in 1889, is the national institute of veterinary and animal sciences in India. It is in Izatnagar, a satellite town of Bareilly city, 8 km north of Bareilly station, on Bareilly-Nainital highway. The city is well-connected by road as well as rail with Delhi and Lucknow. One can reach IVRI campus from the railway station by hired taxi or auto rickshaw.

### APPLICATION PROCEDURE

Desirous participants (not below the rank of Assistant Professor/Scientist or equivalent) must submit their applications online as per the following steps latest by **December 04, 2017**.

1. Log on to <https://cbp.icar.gov.in> directly 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

Selected candidates will be intimated through emails by December 05, 2017.

Applicants are advised not to be accompanied by family members while coming for the course in view of accommodation issues.

### CONTACT FOR FURTHER DETAILS:

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CAFT in Animal Nutrition

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