ICAR Sponsored Winter School

on

Prescribing Human Health Using Foods of Animal Origin

8th to 28th February, 2022

Chief Patron
Dr Triveni Dutt
Director, ICAR-IVRI

Patron
Dr G. Sai Kumar
Joint Director (R), ICAR-IVRI

Course Director
Dr Rajiv Ranjan Kumar

Course Coordinators
Dr S K Mendiratta
Dr Sagar Chand

Sponsored by
Agriculture Education Division
Indian Council of Agricultural Research
Krishi Anusandhan Bhavan-II, Pusa, New Delhi-110 012

Organized by
Division of Livestock Products Technology
ICAR-Indian Veterinary Research Institute
Izatnagar-243 122 Bareilly (U.P)
About the Course

Food is one of the basic needs of human being and adequate food require to be included as right to health care. Foods of animal origin have been integral part of human diet. They are not only nutrient dense but also make nutrient relatively more readily available to body. Both kinds of food *viz*: plant or animal origins play their role in human health improvement by interacting in a symbiotic ways. However, in course of production and processing the foods especially animal foods; utmost attentions are needed for environmental health to ensure the human health. Now a day, the consumers are more refined and have greater expectation from animal source foods they eat and accordingly to satisfy their awareness, a comprehensive overview of constituents, role, functionality, reformulation strategies, and quality analysis and safety measures associated to animal source foods must be known. The present winter school encompasses the lectures and practical know-how which aim to impart advances made in this direction. It includes topics on basic nutrition met through foods of animal origin, extra nutritional role of their constituents, optimal ways of processing for healthy animal foods, quality and safety evaluation of animal origin foods, environment and production of animal source foods, other associated products and by-products obtained from animals having health promoting properties etc. A sincere effort has been made to include exposure in high end analytical laboratories (biosensor, HPLC/GC-MS, Rheology/Texture analysis, molecular biology), demonstration and hands on practice. Advanced reformulation strategies for healthy animal source foods are also included in discussion and practical session. Organic animal foods, Panchgavya, animal food in larger perspective ensuring global health, therapeutic potential of animal source foods are also incorporated. Thus it appears to present an updated knowledge to the participants.

Eligibility

Participation in winter school is open for Assistant Professors or equivalent and above from ICAR Institutes/State AUs/CAU/Agricultural faculty of AMU/BHU/Vishwa Bharti and Nagaland University in Livestock Products Technology, Veterinary Public Health and Hygiene, Dairy/Fish processing, Food Technology, Home Science, Poultry Science or any other related discipline. A total of 25 candidates will be selected for the course. The selection of the candidates will be made by a screening committee as per the available guidelines of the ICAR. The selected candidates will be intimated regarding their selection for winter school training on or before 15 January, 2022 either via email/ mobile, who will have to confirm their participation, positively by January 20, 2022.

Duration

The winter school will be of 21 days duration from February 8 to 28, 2022. The outstation participants are required to arrive at the institute latest by the evening of 7th February, 2022. The participants may plan their return journey after 18:00 hrs of 28th February, 2022.
How to apply?

Eligible and interested candidates may submit application form in prescribed proforma online through Capacity Building Programme (CBP) portal site of Indian Council of Agricultural Research (ICAR) (http://cbp.icar.gov.in).

- To create User ID use “Create New Account” link.
- After login, click on “Participate in Training” link and fill the proforma.
- Take a printout and get it approved from the competent authority of the institute.
- The scanned copy of the complete application form duly signed by competent authority may be uploaded on the CBP portal (http://cbp.icar.gov.in) or sent through proper channel to the Course Director, ICAR-Indian Veterinary Research Institute, Izatnagar- 243122, Bareilly (UP) by post.
- The scanned copy of the complete application form duly signed by competent authority may also be sent through Email to the address: winterschoollptivri@gmail.com
- In case of any difficulty in applying online using CBP portal, the participants may also send the application form duly filled-in and approved by the competent authority of the organization to Course Director on the address given in brochure.

The candidates are required to submit DD/Postal order of Rs. 50/- in favour of ICAR-IVRI, Izatnagar at the time of joining the course.

Travel and Accommodation

The candidates selected for participation in the training will be reimbursed travelling expenses (to and fro) as per their entitlement restricted up to 2nd AC rail fare by the shortest route subject to submission of documentary evidence in terms of original tickets. Participants will be provided free boarding and lodging as per ICAR norms and trainees will be accommodated in the ICAR-IVRI Guest House on sharing basis. Participants are advised to avoid being accompanied by family members while coming for winter school.

How to reach?

Bareilly is well connected to major cities of India by rail and road. It is 255 km from New Delhi, 220 Km from Mathura, 300 km from Dehradun and 260 km from Lucknow. The city is very well connected via bus, train and has optimal flight connectivity. ICAR-IVRI is located at Izatnagar, a satellite town of Bareilly, which is just 2 km from Izatnagar railway station and 8 kms from Bareilly Junction railway station. The auto rickshaw and cabs can be hired from Bareilly Jn. or bus Station for reaching the Institute at Izatnagar. The selected participants are advised to make return journey reservation well in advance.

Locate institute
About ICAR-Indian Veterinary Research Institute

Established in 1889, the ICAR-Indian Veterinary Research Institute (ICAR-IVRI) is one of the premier research institutions dedicated to livestock research and development in South East Asia. The institute with faculty strength of more than 250 has a major mandate of research, teaching, training, consultancy and technology transfer activities. The institute with its deemed to be university status awards master and doctoral degrees in more than 20 disciplines of veterinary and animal sciences along with BVSc & A.H degree.

To impart continuing education to field veterinarians, the institute also conducts diploma courses in various disciplines. The institute imparts quality post-graduate education and training to students not only from various parts of the country, but also from overseas. The research contributions of IVRI have facilitated development of new biologicals used for diagnosis, prevention, cure and control of many devastating animal and poultry diseases and increased production of milk, meat, eggs and other animal products. The institute is also contributing in developing technologies for effective utilization of livestock products through value addition with the aim to ensure food safety and security. The institute’s research is currently addressed with clear benchmarking of deliverables through externally and internally funded research projects.

About Division of Livestock Products Technology

The Division of Livestock Products Technology was started at this premier research Institute in 1975. The Division has made remarkable contributions in the area of research and teaching during its over 45 years of dedicated service to the nation. The Division offers Master’s and Doctoral programmes and has been actively involved in human resource development. So far, 118 M.V.Sc. and 70 Ph.D. scholars have been awarded degrees. The Division has developed more than 25 technologies/processes, awarded 3 patents, submitted 2 technologies for patenting and a dozen of technologies have been transferred to prospective entrepreneurs. So far division has organized 43 training programmes/entrepreneurial development programmes/workshops/short term courses. More than 475 research papers have been published in journals of International and National repute, besides publication of 10 books, monographs and technical bulletins. Best Teacher Award of the institute has been presented to three faculty members. The post graduate students passed out from the division are serving in various ICAR Institutes, SAUs and State Governments in various capacities. The division has good number of scientific and technical manpower. The LPT Division organizes its activities through dedicated laboratories such as Fresh Meat Technology, Processed Meat Technology & Pilot Plant, Poultry Products Technology, Animal Byproducts Utilization, Sensory Evaluation & Packaging, Meat Microbiology & Quality Control, and Dairy Products Technology.
Important Dates

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<tr>
<td>Last date of receipt of application</td>
<td>10th January, 2022</td>
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<tr>
<td>Intimation of Selection</td>
<td>15th January, 2022</td>
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<tr>
<td>Confirmation by participants</td>
<td>20th January, 2022</td>
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<tr>
<td>Starting of Winter School</td>
<td>8th February, 2022</td>
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Weather

The weather of Bareilly city during the months February is usually cold with temperatures ranging from around 11°C to 25°C. Participants are requested to bring woolen apparels in their own interest.

Venue or Location

Division of Livestock Products Technology, ICAR-IVRI, Izatnagar, Bareilly-243122 (U.P).

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Correspondence

**Course Director**

Dr Rajiv Ranjan Kumar  
Senior Scientist  
Division of Livestock Products Technology  
ICAR-IVRI, Izatnagar  
Bareilly-243 122 (U.P)-India  
Mobile: 7055293937 (WhatsApp), 9897299102  
Email- drrajivranjan@yahoo.com

**Course Coordinators**

Dr S K Mendiratta  
Principal Scientist & Head  
Division of Livestock Products Technology  
ICAR-IVRI, Izatnagar  
Bareilly-243 122 (U.P)-India  
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Dr Sagar Chand  
Scientist  
Division of Livestock Products Technology  
ICAR-IVRI, Izatnagar  
Bareilly-243 122 (U.P)-India  
Mobile: 9720608486  
Email- sagarlpt@gmail.com

For Updates, visit:

Official Website:: ICAR-IVRI Izatnagar  
CBP :: Log in page (icar.gov.in)

All latest COVID-19 protocols/guidelines (as per Ministry of Home Affairs, GOI) must be strictly followed during the winter school.

 Created by: Dr Rajiv Ranjan Kumar and Dr Sagar Chand, LPT Division, ICAR-IVRI, Izatnagar
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1. Full Name (In block letters)
2. Date of Birth
3. Designation
4. Present Employer and Address
5. Address for correspondence — Phone:………………….. Mobile:…………………..
   Email:……………………….. Fax:…………………………….
6. Permanent Address
7. Work experience and Publications (Last five years)
8. Marital Status
9. The details of the summer/winter/advanced courses attended during last three years
10. Academic records from bachelor degree onwards

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<th>Major Subjects</th>
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<th>Division</th>
<th>University/Institute</th>
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Date: 
Place: (Signature of the applicant)

Recommendations of the forwarding institution

Signature: 
Address:  
Designation:  
Date:  

Certificate
This is to certify that the information furnished by the applicant was checked with office records and found correct.

Signature and Designation of sponsoring authority

_All COVID protocols (as per MHA, GOI guidelines) must be followed_