



ICAR Sponsored Winter School

On

**Advanced Analytical Techniques for Food Safety,
Quality Evaluation, Risk Assessment and
Regulatory Compliance of Pork and Pork Products**



**23 November 2026 to 13 December 2026
(21 days)**

Course Director

Dr. Rajendran Thomas

Principal Scientist

Core Organizing Committee

- **Dr. Sadhana Ojha,** Scientist
- **Dr. Lokesh E,** Scientist
- **Dr. Vishal Rai,** Scientist
- **Dr. Salam Jayachitra Devi,** Scientist

Organized By

ICAR-National Research Centre on Pig

Rani, Guwahati, Assam-781131





About the Institute

ICAR-National Research Centre on Pig

(ICAR-NRC on Pig), Rani, Guwahati, is a premier national research institute of the Indian Council of Agricultural Research dedicated to advancing pig production, health, nutrition, reproduction, meat science, pork processing, food safety and value addition. The Centre has developed multidisciplinary research and training capabilities supported by specialized laboratories, a well-established research farm, modern classroom and training facilities, an ISO/IEC 17025:2017 accredited Quality Control Laboratory, and an FSSAI-licensed R&D Pork Processing Unit. Its facilities support advanced analytical testing, molecular diagnostics, residue analysis, meat-quality evaluation, food safety assessment, processing technology development and digital traceability. The Centre also undertakes technology development, commercialization, entrepreneurship promotion, capacity building and stakeholder-oriented training programmes. With its integrated expertise spanning farm-to-fork production, processing, food safety, quality assurance, risk assessment and emerging technologies, ICAR-NRC on Pig provides an appropriate national platform for advanced training and translational research in pork and pork products.



Highlights of the Winter School

A 21-day intensive programme covering five thematic areas—Food Safety, Meat Quality & Regulatory Frameworks; Advanced Physico-chemical & Nutritional Evaluation; Microbiological Safety, Molecular Diagnostics & Residue Analysis; Food Safety Risk Assessment, Predictive Modelling & Digital Analytics; and Emerging Technologies & Industrial Applications. The programme offers hands-on training with advanced analytical and diagnostic platforms, including LC-MS/MS, LC-ESI-QTOF/TOF-MS, HPLC, ICP-MS, GC-MS/MS, Atomic Absorption Spectrophotometer, fluorescence spectrophotometer, texture analyzer, instrumental colour analyzer, water activity meter, ELISA systems, Real-Time PCR platforms and molecular diagnostic systems. Participants will also gain practical exposure to microbial and molecular testing, residue analysis, meat-quality assessment, food safety risk assessment, digital traceability, predictive analytics and regulatory compliance, linking sophisticated laboratory techniques with real-world food-safety decision-making.



Exposure to Regional Research and Innovation Ecosystem

The Winter School will also provide participants opportunities for academic and institutional exposure to leading research, technology and innovation facilities in and around the Northeast region, including NIPER Guwahati, Guwahati Biotech Park, IIT Guwahati, Software Technology Parks of India (STPI), Assam down town University, Assam Don Bosco University, State Public Health Laboratory, ICAR Research Complex for NEH Region, Umiam, and other relevant institutions. Such interactions will broaden participants' understanding of advanced analytical technologies, biotechnology, public health, digital technologies, research translation, and entrepreneurship complementing the laboratory-based training at ICAR-NRC on Pig.



Eligibility and Selection Criteria

The candidate must possess a Master's degree in Agriculture or any of its allied disciplines viz. Veterinary Science/Animal Science/Fishery Science. In addition, the applicant should be working at a position not below the rank of Assistant Professor or an equivalent post and working in the area of Food Science/Food Science and Technology/Livestock Products Technology or allied disciplines under National Agricultural Research System (NARS) including State Agricultural Universities (SAUs), Deemed to be Universities (DJs), and Central Agricultural Universities (CAUs). A total of 25 candidates will be selected for this course. The selection of the candidates will be made by a screening committee as per the available guidelines of the ICAR.



How to Apply?

Nomination for the training should be sent in the prescribed proforma (see the last page). The hard copy of application along with a postal order/DD of Rs. 50/- (Rupees fifty only; non-refundable) must be sent to the Course Director, after approval of the competent authority of the participant. The demand draft should be drawn in favour of Director, ICAR-NRC on Pig payable at Guwahati. Alternatively, the fee can be remitted through net banking to ICAR-NRCP bank account (Account Number: 10029420452) State Bank of India, Guwahati Airport Branch, IFS Code: SBIN0003776 and submit the printout of the transaction along with the application.





Accommodation and Travel

Boarding and lodging will be provided to the participants during the training period at the ICAR-NRC on Pig's training hostel on sharing basis (2-3 persons/room). Travel Allowance to the participants will be paid for the journey, to and fro, restricted to the maximum of AC II tier train fare/ bus or any other means of transport in vogue, as the case may be. TA will be paid from the place of duty to the course location and back by the shortest route. Participants are required to produce original receipts/ tickets in support of their claim. The reimbursement will be made as per ICAR guidelines.



Applications may be sent to:

The hard copy of the application, after approval of the competent authority of the participant, along with a transaction detail of the remittance of registration fee (Rs. 50/- non-refundable) must be send to:

The Director
ICAR-National Research Centre on Pig
Rani, Guwahati-781131, Assam

Advance copy of the application can be submitted to the Course Director through email: thomasrlpt@gmail.com

Alternatively, the advance copy can be submitted through the google form:
https://docs.google.com/forms/d/e/1FAIpQLSce1wuo6Hagsidrsd_6r6XGvrS6pciM3_TGGaItTO9X9uwH1g/viewform?usp=header



Important Dates

Last date for receipt of applications	:	05-11-2026
Release of admission letters	:	08-11-2026
Confirmation by selected candidates	:	10-11-2026
Commencement of the training course	:	23-11-2026



Contact Details

Dr. Rajendran Thomas, Principal Scientist



9101871235



thomasrlpt@gmail.com



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Duration:
23 November 2026 to 13 December 2026
(21 days)



Venue:
ICAR-National Research Centre on
Pig, Rani, Guwahati, Assam

Application format for participation in training

1	Name (in block letters)				
2	Designation				
3	Discipline				
4	Present Employer and Address				
5	Address to which reply should be sent (in block letters)				
6	Mobile Number				
7	Email				
8	Date of birth				
9	Sex	☐ Male ☐ Female ☐ Other			
10	Teaching / research / professional experience (mention post held) during last 5 years				
11	Mention if you have participated in any Summer / Winter / Short Courses etc. during last five (3) years				
12	Details of registration fee remitted (Rs. 50/- per participant non-refundable)	Amount: _____ Transaction ID: _____ Date of transaction: _____			
13	Academic record				
	Degree	Discipline	Year	Class	University
	Bachelor				
	Masters				
	Ph.D.				
	Other				

CERTIFICATE

It is certified that the information furnished above is correct.

Signature of applicant with date

Recommendations of the Forwarding Authority

Signature of the forwarding authority
with seal and date

