

ICAR-Sponsored Winter School

Innovative Storage Solutions: The Best Way Forward for Reducing Post-Harvest Losses, and Doubling Farmers' Income

18 Nov-8 Dec 2022

Important Dates

Last date for receipt of applications	: 2 Nov 2022
Intimation to selected candidates	: 7 Nov 2022
Confirmation by selected candidates	: 14 Nov 2022



Agricultural Structure & Environmental Control Division
ICAR-Central Institute of Post-Harvest
Engineering & Technology
P.O. PAU Ludhiana (Punjab), India – 141004
<https://ciphet.icar.gov.in/>

Information on Winter School

There are huge post-harvest losses of agricultural commodities in developing countries that may go up to 18.2% (CIPHET study, 2015). Government policies are directed towards emphasizing the creation of infrastructural framework for advanced storage structures in India. Heavy financial investment from public as well as private sector have already been made but there is still a huge gap between demand and supply. A huge trained manpower would be required to meet the demand of technical knowledge of such innovative storage and handling solutions in future. Thus, creating a strong base of trained technical workforce is imperative to strengthen the food industry and to meet the workforce demand in coming future.

About CIPHET

The ICAR-Central Institute of Post-Harvest Engineering and Technology (CIPHET), Ludhiana, Punjab, India is a nodal Institute to undertake lead research in the area of Post-Harvest Engineering and Technology appropriate to agricultural production catchment and agro-industries. The institute also has a campus (Horticultural Crop Processing Division) located at Abohar. ICAR-CIPHET is also headquarters for two All India Coordinated Research Projects (AICRPs) viz. AICRP on Post-Harvest Engineering and Technology (PHET) at 31 Centres and AICRP on Plastic Engineering in Agriculture Structure & Environment Management (PEASEM) at 14 Centres. The institute has developed various technologies related to post-harvest storage and processing of agricultural produce. Some of the remarkable technologies of the institute are CIPHET EC Structure, Evaporated Cooled Room for Storage of Fruits and Vegetables, Agro-Processing Machinery Database, CIPHET Banana Hand Cutter, Dehulling of Mustard Seed, Makhana Processing Machine, Maturity Determination of Mango on Tree, Mobile Agro Processing Center, Tomato Grader and others.

Objectives

- To impart scientific and practical knowledge of advanced solutions in storage and management of agricultural commodities.
- To facilitate networking among the participants for inter-institutional post-harvest research.

Subject Matter Covered

- The information regarding modern-day technologies for storage environment monitoring, design aspects, fumigation, image processing, IOTs, machine vision, radiography as well as modern silo, warehouse, cold storage, hermetic bags etc.
- Practical training to the participants about modern manufacturing processes, layout design, innovative storage technologies, quality evaluation, etc. to bolster the Skill India and Make in India Programme.
- The program also includes waste management and by-product utilization aspects keeping in mind the environmental norms of Govt. of India and Swachh Bharat Abhiyan.
- The storage of perishables considered under operation greens of GOI will also be highlighted.

Eligibility

- The applicant should be working in a position not below the rank of Scientist / Assistant Professor / Lecturer / Subject Matter Specialists or Equivalent with specialization of Agricultural Engg., Food Technology, Food & Nutrition, Agriculture and allied disciplines.
- A maximum of 25 participants will be selected based on their qualification, experience and area of work.

Boarding and Lodging

Participants will be provided rent-free accommodation, wholesome meals and refreshments. Local participants will be provided lunch and inter-sessions tea only.

Travel

Participants will be paid to and fro fare for journey performed by the shortest route by rail or bus or other means of transport. The payment will be made as per their entitlement but restricted to the maximum of AC II tier train fare. If any participant chooses to travel by Air, he/she may do so, but their claim shall be restricted to AC II tier train fare.

How to Reach ICAR-CIPHET

<https://ciphnet.icar.gov.in/contact-address/how-to-reach/>

How to Apply?

As per the ICAR instructions, the interested candidates should register and apply online through 'Capacity Building Programme' (CBP) ICAR nomination portal as follows:

1. Visit the website <https://cbp.icar.gov.in/> or click on Capacity Building Programme link under <http://www.icar.org.in/>
2. Log in using your user ID and Password. To create user ID use "Create New Account" link.
3. After login, click on "Participate in Training" link and fill the proforma and send the duly signed copy through proper channel to The Course Director.

The advance scanned copy of the nomination may be sent by email to the course director k.narsaiiah@icar.gov.in, knarsan@gmail.com.

Participants are advised to depart to Ludhiana only after the receipt of participation confirmation email from Course Director.

Note: The participants are required to pay a sum of Rs. 50/- (Rupees Fifty only) as registration fee (Non-refundable). Applicants should upload the payment receipt along with complete application. The fee may be paid through SBI payment gateway link <https://ciphnet.icar.gov.in/payment/process-payment.php>.



Contact

Dr. Nachiket Kotwaliwale
Course Director (Winter School), Director, ICAR-Central Institute of Post-Harvest Engineering & Technology (CIPHET), P.O. PAU Ludhiana (Punjab), India – 141004
Phone: 0161-2313103 Fax: 0161-2308670
Email: director.ciphnet@icar.gov.in, nachiket.kotwaliwale@gmail.com

Dr. Bhupendra M Ghodki
Course Coordinator (Winter School)
Contact No.: (O) 0161-2313168; 9046956397
Email ID: bhupendra.ghodki@icar.gov.in

Dr. Th. Bidyalakshmi Devi
Course Coordinator (Winter School)
Contact No.: (O) 0161-2313167; 8729849035
Email ID: Bidyalakshmi.Devi@icar.gov.in, bidyala@gmail.com

