

INTRODUCTION

Our diet is what we eat, which is largely determined by the availability, the processing and palatability of foods. The 2015 Global Hunger Index (GHI) Report ranked India 20th amongst leading countries with a serious hunger situation. Despite India's 50% increase in GDP since 1991, more than one third of the world's malnourished children live in India. Agriculture provides food and food is at the intersection of agriculture and nutrition. However, the dynamics between agriculture and nutrition are complicated, and evidence linking targeted agricultural interventions to improved nutrition is the need of hour. Post-harvest technology must develop in consonance with the needs of each society to stimulate agricultural production; prevent post-harvest losses, improve nutrition and add value to the products. In this process, it must be able to generate employment, reduce poverty and stimulate growth of other related economic sectors which can be achieved by inter-disciplinary team approach in research and extension programmes.

Therefore, it is very important to examine, strengthen, and promote the vital linkages between agriculture and nutrition through post-harvest technologies and entrepreneur development. The focus area of our 21-day winter school emphasis:

- To update participants to develop inter-institutional linkages for intervention in nutrition-sensitive agriculture and their impact on nutritional level to combat malnutrition.
- To provide a platform to the participants for interaction and recognition of latest approaches towards nutrition-sensitive post-harvest technologies at value chain entry points that

can lead to positive nutritional outcomes and minimize nutrient losses.

- To sensitize the scientists about the specific role of extension in increasing food productivity, processing and availability for better diets and generating entrepreneurial opportunities.

COURSE CONTENT

(Lectures, practical classes, panel discussions, video films and exposure visits will be covered under following broad themes)

- Food processing/ packaging/product marketing
- Recent advancement in food processing
- Entrepreneurial developments in food processing
- Future prospects in food processing and nutritional goals.

DURATION AND VENUE

This course of 21 days is offered during 25th October –14th November, 2017. The participants are expected to arrive latest by the evening of October, 24th, 2017 and can leave after 1700 hrs on the last day of the programme. The programme will be held at Directorate of Extension Education, Punjab Agricultural University, Ludhiana, Punjab India.

RESOURCE PERSONS

Renowned scientists from Host Institute i.e. PAU, Ludhiana and other reputed Institutes and Organizations.

ELIGIBILITY

Professionals who preferably possess Masters Degree in food processing, food and nutrition, post

harvest technology, extension education and allied disciplines and working not below the rank of Assistant Professor and equivalent in the concerned subject under SAUs/KVKs/ICAR Institutes/Research Stations are eligible.

HOW TO APPLY

As per the ICAR instructions:

- The interested candidates should register and apply Online through Capacity Building Program (CBP) portal of ICAR/IASRI accessible at <http://proj.iasri.res.in/cbp>.
- The online submitted application should be printed by the candidate and endorsed by their Head of the Institute.
- The endorsed application may be scanned and uploaded on the CBP portal latest by **14th August, 2017**.
- There is no course fee, however the applicants shall pay a non-refundable registration fee of Rs. 50/- (Rupees Fifty only) in the form of a demand draft only in favor of Comptroller PAU, Ludhiana payable at Ludhiana.
- The hard copy of the original application along with the above mentioned registration fee should be sent to the Course Director, so as to reach **before 25th August, 2017**.
- Applicants may send an advance copy of their application, but their selection will be subject to receiving of their original application along with recommendation from respective competent authority.

SELECTION OF THE CANDIDATES

The selected candidates will be informed about their selection well in advance on or before 31.8.2017. Since we have to enroll limited number of candidates, applications and nominations of eligible candidates will be selected as per the

criteria laid down by ICAR and first come first serve basis.

TRAVEL AND ACCOMMODATION

- The boarding, lodging, TA and DA expenses of the selected candidates will be provided as per ICAR norms and operational guidelines for organisation of 21 days course. The candidates selected for participation in the training will be provided travelling expenses only as per their entitlement according to PAU norms restricted to 3rd AC rail / bus fare by the shortest route.
 - Actual TA will be paid on production of documentary proof by the participants. TA may be paid from the place of duty to the 21 days course location and back by the shortest route.
 - Participants are requested to send their travel plan in advance.
 - Participants will be accommodated in guest house/ hostels located at PAU campus or nearby along with provision for food. No DA will be paid to the participants.
 - Local participants will be provided lunch and inter-sessions tea
- ** Accommodation provided is strictly limited for trainees only.**

HOW TO REACH

Ludhiana city is easily accessible through road & rail from the other major Indian cities and states. NH1-Grand Trunk road passes through the city, which connects it to Indian capital city, New Delhi. The nearest operational airport from Ludhiana is the state capital Chandigarh (100 km), Amritsar (150 km) and New Delhi (325 km). There are regular trains running from New Delhi to Ludhiana Railway Station. Punjab Agricultural University is

located on the Ludhiana - Ferozepur Road about 5 km from railway station & 4 km from bus stand. Public transport for local commuting is readily available. Climate during Oct-Nov in Ludhiana would be pleasant with onset of winter season witnessing a temperature range of 18° C - 32° C & average RH of 65%. (A jacket/sweater is recommended)

IMPORTANT DATES

Last date of applying online: 14.8.2017
Last date of receipt of applications: 23.8.2017
Intimation to the selected applicants: 31.8.2017

ADDRESS FOR CORRESPONDENCE

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ACCOMODATION AND TRANSPOTATION

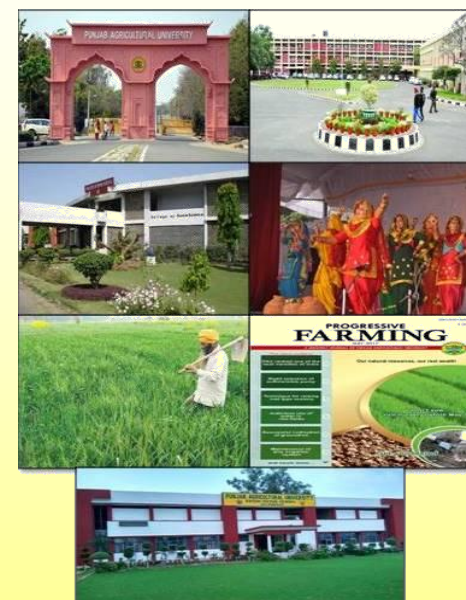
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ICAR Sponsored WINTER SCHOOL



**Advances in Food Processing and
Nutritional Linkages for
Entrepreneurship Development
(Oct 25th – Nov 14th, 2017)**



COURSE DIRECTOR
Dr Kanchan Sandhu
COURSE COORDINATORS
Dr Kuldeep Singh
Dr Pankaj Kumar

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