

## Information Brochure

### ICAR-SUMMER SCHOOL

On

## Competency Skill Development in Post-Harvest Processing and Value Addition for Start ups/Agri enterprise

(05-25 September, 2017)



Course Director

**Dr. Ranjeet Singh**

Course Co- Director

**Dr. V.E. Nambi**

**Er. Indore Navnath**



**ICAR-Central Institute of Post-Harvest Engineering and Technology, Ludhiana Punjab-141004**

**(An ISO 9001:2015 Certified Institution)**

[www.ciphnet.in](http://www.ciphnet.in)

### Background

Post harvest management is the vital step to be taken to reduce the losses takes place during the processing of agriculture produce. Agri-Business is the systematic approach to reduce these losses by providing skill development training to the farmers to produce value added products and selling them to nearby markets. It increases marketability and employment to rural people/entrepreneurs. This leads to the economic growth of the state as well as entire nation. This summer school has been specially designed to bring together multi disciplinary researchers/scientists working in the areas of skill development in post-harvest Competency Skill Development in Post-Harvest Processing and Value Addition for Start ups/Agri enterprise

### Eligibility

Eligibility Master's Degree in Agricultural Sciences/Engineering with specialization in Process and Food Engineering/Agricultural Structures/ Environmental Management/ Food Technology/ Food and Nutrition/ Food Science and Technology/Dairy Technology/ Biochemistry/ Livestock Products Technology/ Process & Food Engineering/ other Engineering disciplines in the field of agriculture, and other relevant subjects. Participants should be from ICAR Institutes/ State AUs/ KVKs/ State Universities/CAUs/ AMU,BHU, SHIATS, Vishwa Bharti & Nagaland University/Engineering/Post-Harvest Technology Institutes, in the cadre of Assistant Professors or equivalent or above.

### Travel/Accommodation

The expenditure on travel by all participants will be paid as per their entitlement for the class of travel, restricted to the maximum of AC II/III Tier railway fare by the shortest route. Participants are required to produce the original and photocopies of tickets in support of their claim. Lodging and boarding arrangements for selected participants shall be made free of cost in the Guest House of ICAR-CIPHET located in the same Institute campus.

### Course Contents

(Selected Lectures)

- Post-harvest technology for employment generation in rural sector of India.
- Entrepreneurship development of women in agriculture through agro processing.
- Extrusion technology based rural enterprise for snack foods using fruits and vegetable.
- IPR issues for business start-ups.
- Agri-business in cleaning, grading and dal milling for setting enterprise.
- Apiculture- a viable rural enterprise.
- ICT based technology for successful enterprise.
- Entrepreneurship development through groundnut or soy- based products.
- Marketing related issues in Agri-business.
- Emerging avenues of entrepreneurship for employment in agro-processing and nutritional security.
- Minimal processing of fruits & vegetables for start-up.
- Back yard poultry- a step towards rural entrepreneurship.
- Animal husbandry based agribusiness model for viable enterprise.
- Business strategies for fisheries based enterprise.
- Role of biotechnology in entrepreneurship development.
- Enhanced utilization of agricultural crops and residues for entrepreneurship development.
- Improved indigenous food processing technologies and entrepreneurship.
- Fruits and vegetable based processed products agri-enterprise.
- Emerging trends in agro-based entrepreneurship and models.

### Field Trips and Exposure Visits

There shall be two or three field trips /exposure visits to important processing industries/ laboratories, processing facilities related to skill development in post harvest management located in Punjab.

## Host Institute

ICAR-Central Institute of Post-Harvest Engineering and Technology (CIPHET) is an ISO certified premier institute under ICAR with mandates to do research, extension and Teaching in post-production sector of agricultural, horticultural, livestock and aquaculture produce including food quality and food safety. Three of the Divisions (viz. Agricultural Structures and Environmental Control, Food Grains & Oilseeds Processing, Transfer of Technology Division) along with coordination units of two AICRPs (viz. Post-Harvest Engg &Tech, Plastics Engg & Tech) are located in main campus while another division (Horticultural Crop Processing) is located at Abohar, Punjab. This institute gives special emphasis on developing new processes and products, prototypes of processing machineries for products from different agricultural crops/livestock/fisheries and their by-products. The institute has about 45 scientists.

## How to Apply

Interested candidates may apply online at CBP portal <http://cbp.icar.gov.in> strictly following the guidelines under How to Apply Tab. Candidates may also apply through IASRI website using CBP Portal Tab latest by August 10, 2017. Hardcopy of successfully submitted online application and application in prescribed format along with a Postal Order/ DD of Rs. 50/- (non-refundable) must be sent to the Course Director after signed approval from competent authority. The amount may be drawn in favour of *ICAR Unit-CIPHET, Ludhiana* payable at *Ludhiana*. The list of selected participants will be displayed on CIPHET website [www.ciphnet.in](http://www.ciphnet.in) and will also be conveyed to the applicants through email. In case of any query please contact Course Director or Course Co-Directors. Only 25 participants shall be selected for the course.

## Important Dates

Last date for receipt of application: 10.08.2017

Intimation of selection: 15.08.2017

Confirmation of participation by candidates: 20.08.2017

NOTE: Once selected, candidates will be intimated through e-mail, fax or by post to which they should promptly reply with firm acceptance and travel plan.

## Application Form

### ICAR-SUMMER SCHOOL

“Competency Skill Development in Post-Harvest Processing and Value Addition for Start ups/Agri enterprise”  
(05 Sept - 25 Sept 2017)

1. Full Name (in BLOCK Letters): .....
2. Designation: .....
3. Present employer and address:  
.....
4. Address to which reply should be sent (in BLOCK Letters):  
.....  
Mobile: ..... E-mail: .....
5. Permanent Address:  
.....  
.....
6. Date of Birth: .....
7. Sex (M/F): .....
8. Teaching/research/professional experience (mention post held during last 5 years and number of publications with details).
9. No. Post held Period with Dates
9. Marital status (Married/Unmarried): .....
10. Mention if you have participated in any seminar, summer/winter school/short course etc. during the previous years under ICAR/other
- Organizations: .....
11. Postal Order/DD No. ....Dated.....of Rs.50/- (NON-REFUNDABLE) for registration of application (in favour of ICAR Unit-CIPHET, Ludhiana)
12. Academic record: (Degree onwards)  
Examination Subject Year Division University  
Passed  
Bachelor  
Master  
Doctorate  
Post-doc  
Signature of the applicant with date & place
13. Recommendation & Certificate of sponsoring Institute  
Signature with date, designation & address  
(Office Seal)

## Ludhiana City

Ludhiana [30.9°N 75.85°E] is one of the largest cities in the North of Delhi. Popularly known as Manchester of India, it is located adjacent to the bank of river Sutlej with two major irrigation canals passing through the city. It is well connected to New Delhi and rest of the country by road, train and by air. City is a manufacturing hub for diverse machinery equipment, and famous for its bicycle industry, textiles and winter garments. Weather Ludhiana features a humid subtropical climate, with three defined seasons; summer, monsoon and winter. In September, the weather generally remains humid, with an ambient temperature maximum reaching up to 38°C.

## Address for Correspondence

### Course Director:

Dr. Ranjeet Singh, Senior Scientist,  
Transfer of Technology Division,  
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### Course Co-Director:

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### Course Co-Director:

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