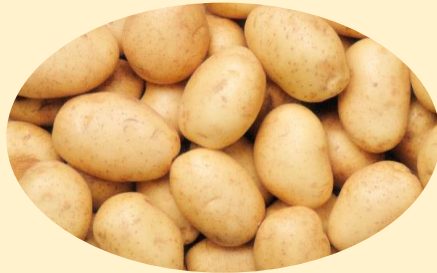




**MODEL TRAINING COURSE**  
on  
**PROTECTED CULTIVATION, POST-HARVEST  
TECHNOLOGY, VALUE ADDITION AND SUPPLY  
CHAIN MANAGEMENT IN POTATO**  
**(23-30 SEPTEMBER, 2019)**



**Sponsored by**

Directorate of Extension  
Ministry of Agriculture and Farmers Welfare  
Department of Agriculture, Cooperation and Farmers  
Welfare, Government of India, New Delhi

**Course Director**

**Dr. Vijay Kumar Dua**  
Principal Scientist

**Course Coordinators**

**Dr. N K Pandey**, Principal Scientist  
**Dr. Pooja Mankar**, Scientist  
**Mr. Pynbianglang Kharumnuid**, Scientist

**ICAR- CENTRAL POTATO RESEARCH INSTITUTE**  
**Shimla – 171001, Himachal Pradesh**  
**website: <http://www.cpri.icar.gov.in>**

**Background**

In India, potato research was formally initiated on 1 April 1935 with the opening of three breeding and seed production units at Shimla, Kufri and Bhowali, under the Imperial Agricultural Research Institute, New Delhi. In 1945, a scheme to establish Central Potato Research Institute (CPRI) was drawn. ICAR- Central Potato Research Institute was established in August 1949 at Patna and later in 1956 the headquarters was shifted to Shimla to facilitate potato breeding work and better maintenance of seed health. Since its establishment, the institute is actively involved in research and development of potato crop and has developed several high yielding varieties and production technologies for all potato growing agro-ecologies of the country. The major thrust areas of the institute are potato improvement, enhanced production, plant protection, potato processing, post-harvest technology and seed production along with dissemination of the recent technologies to the potato growers. ICAR-CPRI potato varieties occupy more than 90% of the total potato growing area of the country and the adoption of these varieties and scientific technologies by potato growers has resulted into marvelous progress in Indian potato production.

India has attained the mark of the second largest potato producing country. In the last seven decades, strong research and development has resulted in manifold increase in area, production and productivity of potato. The 1st advance estimate by NHB for 2018-19 has estimated the Indian potato production to be 52.6 million tonnes from 2.18 million ha area with an average yield of 24.1 t/ha in the country. Despite the advanced production technologies generated and made available for end-users, the gap between experimental plot and farmers field is still wide. Besides, a considerable amount of potato is wasted due to inappropriate harvest and post-harvest practices, storage methods, lack of processing infrastructure etc. This shows a weak link

between technology generators and technology adopters.

In this context, the present training aims to sensitize the state officials involved in potato extension activities about the scientific updates on protected cultivation, production technologies, harvest and post-harvest technologies, value addition in potato etc. Lectures are scheduled to be delivered on the various aspects of potato production, processing and supply chain management. Also, the training encompasses exposure visit to various laboratories and fields of ICAR-CPRI. Thereby, the training will equip field level officers to disseminate the recent scientific updates to the potato growers and personnel involved in potato supply chain management.

**Course Content**

The course will broadly cover the following topics:

1. Present scenario of potato production.
2. Introduction of different potato varieties and their development
3. Agro-techniques for scientific potato production
4. Climate change and potato production
5. Scientific potato storage
5. Post-harvest management in potato
6. Value addition in potato.
7. Important diseases and pest of potato and their management.
8. Seed potato production
9. Mechanization in potato crop and its potential implications
10. Extension tools for potato technology transfer
11. Marketing and export of potato in India

**Course Duration**

The course duration is eight days from 23 September to 30 September, 2019.

## Eligibility

Officers of the State Govt. department like Agriculture and Horticulture who are involved in potato development and extension activities are eligible. Nominations from SAUs/KVKs/ICAR institutes/Scientists may be accepted, provided they are working in the field level and involved in state Govt. departments. The application form is available in the brochure. The total number of participants will be restricted to 20. There is no course fee charged for participation.

## Nominations

The Directors/State Agriculture Officers/District Horticulture officer of the state departments may nominate eligible candidates. The last date of receipt of nomination is **12 August, 2019**. The selected candidates shall be intimated on or before **24 August, 2019** either by fax/speed post/e-mail/mobile, which in turn have to confirm their participation by **31 August, 2019**.

## Travel, Boarding and Lodging

The selected participants will be paid to-and-fro travel expenses for journey by train as per their entitlement or bus fare and GOI norms specified in the guidelines for organizing MTCs (**for state Govt. officials only**). Actual TA will be paid on production of tickets/certificate by the participant. Trainees from SAUs/KVKs/ICAR etc have to claim their TA and DA expenditure from their respective institute/organization. Free boarding and lodging facilities will be provided to all the participants as per MTC guidelines. The participants will be provided accommodation in the ICAR-CPRI, Shimla guest house on sharing basis. Participants are requested not to bring their family.

## How to reach?

ICAR- Central Potato Research Institute is located at the heart of the beautiful city of Shimla. It is about 3 Km away from old bus stand and around 4 Km away from new bus

stand and railway station. Pre-paid taxi/auto can be available at railway station/bus stand to reach ICAR-CPRI campus, Bemloe, Shimla.

## How to Apply?

Interested participants should apply in the prescribed application format duly approved by the competent authority. The scanned copy of the approved application may be sent to course director or course coordinator by email while the original application must be sent through post. Application form and brochure are available at institute's website (<https://www.cpri.icar.gov.in>).

## Please send nomination to

### Dr. Vijay Kumar Dua

Principal Scientist and Head  
Division of Crop Production  
ICAR- Central Potato Research Institute  
Shimla -171 001  
Telefax: 0177-2624460  
Mobile: +91 94180 09887  
e-mail: cpcpri@yahoo.com

## For further information, please contact

### Dr. N K Pandey

Principal Scientist and Head  
Division of Social Sciences  
ICAR- Central Potato Research Institute  
Shimla -171 001  
Mobile: +91 94182 76362  
e-mail: nkpcpri@gmail.com

### Dr. Pooja Mankar

Scientist  
Division of Crop Production  
ICAR- Central Potato Research Institute  
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## Model Training Course on PROTECTED CULTIVATION, POST-HARVEST TECHNOLOGY AND VALUE ADDITION AND SUPPLY CHAIN MANAGEMENT IN POTATO (23-30 September, 2019)

### APPLICATION FORM

(To be sent to the Course Director/Course Coordinator)

1. Full Name (in block letters):
2. Designation:
3. Present employer and address:
4. Address for correspondence:
5. Permanent address:
6. Fax:
7. E-mail:
8. Mobile:
9. Gender:
10. Teaching/Research/Professional experience during last 5 years:
11. Work experience in potato:
12. Educational qualifications:

Date:

Place:

Signature of the applicant

### Recommendation of the Forwarding Authority

Date:

Signature  
Name and Designation