

fare on submission of tickets. But, TA/DA of extension officials from SAUs/KVKs/ICAR institutes will be borne by their respective organization. However, all the participants may avail the lodging/boarding and other facilities in the host training institute as per MTC guidelines of GOI. Food and accommodation will be arranged at University Guest House. Participants are requested not to bring family members with them during the training period.

DURATION

Duration of the 'Model Training Course' (MTC) is eight days from 26th February to 4th March, 2020. Participants are expected to arrive at International Guest House, Pantnagar latest by the evening of 25th February, 2020 and can depart after 17:00 hrs on 4th March, 2020.

IMPORTANT DATES

Last dates for receipt of applications
(through proper channel) : **20th January, 2020**
Confirmation of participants
(by mail) : **27th January, 2020**

Address for correspondence

Dr. Omveer Singh, **Course Director & Professor, Horticulture (PHT)**
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Email: ovsphat@gmail.com

Dr. B.D. Bhuj, **Course Co-Director & Professor (Floriculture & landscaping)**
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APPLICATION FORM

Model Training Course on

"Post Harvest Management and Value Addition of Horticultural Crops" sponsored by

Directorate of Extension,

**Ministry of Agriculture and Farmers Welfare,
Govt. of India**

(February 26 to March 4, 2020)

1. Name (in block letters) :
2. Designation :
3. Date of birth :
4. Sex (Male/Female) :
5. Employing organization :
6. Address for correspondence:
7. Phone No.....
Mobile.....
Email Id.....

8. Educational qualification:

Degree	University/ Institution	Year	Subject(s)	%/Class
Bachelor				
Master's				
Other				

9. Nature of work :
10. Interested topics for learning (If any) :

Date: Signature of applicant
Place:

Recommendation of the Forwarding organization/authority

This is certified that the nomination was verified with the office record and was found correct.

Signature and designation of the forwarding Authority
Seal

Date:
Place:

MODEL TRAINING COURSE (MTC)

On

**Post Harvest Management and
Value Addition
of Horticultural Crops**

(February 26 to March 4, 2020)



Dr. Omveer Singh
Course Director

Dr. B.D. Bhuj
Course Co-Director

Sponsored by

**Directorate of Extension,
Department of Agriculture,
Cooperation and Farmers Welfare,
Ministry of Agriculture and Farmers Welfare,
Govt. of India, New Delhi-110012**

Organized by

**Department of Horticulture,
College of Agriculture
G.B. Pant University of Agriculture and Technology,
Pantnagar-263145, Uttarakhand (India)**

BACKGROUND

Despite producing a wide variety of fruits, vegetables, ornamentals, spices, plantation and medicinal plants and standing second in world production of fruits and vegetables, India is losing 30-40% of their perishable horticultural produce immediately after harvesting. These post harvest losses begin in the field and travel along procurement chain and entire marketing channel and mainly caused due to mishandling of produce, improper storage and transportation facilities, poor marketing channels and seasonal gluts of produce. Consequently, farmers do not get remunerative returns due to price fluctuation in market which results in farmer's frustrations and suicides. Despite so much production only about 2.2% of the total horticultural produce is processed in India. The integrated approach from harvesting to delivery into the hands of consumer, if properly handled, can add value to fresh produce in the market. Adoption of appropriate post harvest management strategies will increase the shelf life and availability of horticultural produce throughout the year and helps to assure greater food and nutritional security, generate more employment opportunities and better returns to producer. Enough attention has been paid at the pre-harvest management of horticultural crops for boosting the level of production, but post-harvest management, value addition and processing issues have not been addressed adequately. Therefore, there is an urgent need to apply adequate attention for post harvest handling of horticultural produce. Hence this training is being organized with the following objectives.

1. *To provide knowledge on recent advances in postharvest handling of horticultural crops.*
2. *To equip trainees on preservation and processing of different horticultural produce.*

ABOUT THE INSTITUTE

G.B Pant University of Agriculture & Technology is the premier State Agricultural University for research and higher education in agricultural sciences. University was established in 1960 as the first agricultural university of India with the name 'UP Agricultural University' and later on rechristened as Govind Ballabh Pant University of Agriculture and Technology. The establishment of this university brought about a revolution in agricultural education, research and extension. It paved the way for setting up of other agricultural universities in the country. Pantnagar is considered as the Harbinger of Green Revolution through his vast research in development of high yielding varieties to achieve self sufficiency of food grains in the country. Department of Horticulture comes under College of Agriculture of the University and has a renowned faculty of fruit science, floriculture and post harvest management streams. Besides, college also has a multidisciplinary faculty in specialized areas of food science and technology, plant pathology and entomology. All the faculty members are well exposed to modern approaches for post harvest management and value addition of horticultural produce.

ABOUT THE PLACE

Pantnagar is about 250 KM from Delhi and 350 Km from Lucknow and well connected by rail, road and air. Nearest railway station is Lalkuan Jn (09Km) which is the major halt for all long distance trains. Haldi Road (03Km) and Pantnagar (04Km) stations are within the campus of the university. Climate during the month of February-March will be pleasant with a temperature of 10-28°C. Four days a week flights are also available from New Delhi. Nainital, a well known major hill station is just 60 Km from the campus.

COURSE CONTENT

The training will broadly cover the topics such as role of post harvest management in fruits, vegetables and flowers, harvest maturity and its role in post harvest quality of fruits and vegetables, supply chain management of horticultural produce, storage and packaging of fresh produce, minimal processing of fruits and vegetables, Post harvest handling and value addition of loose and cut flowers for export, Drying and dehydration of fruits and vegetables, Waste utilization of fruits and vegetables, Preparation of different processed products from fruits and vegetables, Food safety and Quality standard, diseases, pest and disorders related to the horticulture produce, visits to local processing/cold storage units/ horticultural entrepreneurial organization etc.

ELIGIBILITY

Officials (AOs/ADOs/SMS or equivalent) from agriculture, horticulture and allied development departments, SAUs/KVKs/ICAR institutes of all States and Union territories, which are involve in extension activities of horticultural crops and their post harvest management are eligible to attend this training course. Total number of participants will be 20. Application for participation may be sent in enclosed prescribed format duly forwarded by the competent authority/Head of the organization before the last date. Participants will be selected on the basis of their qualification and area of work, relevant to the training program.

TA/DA, BOARDING AND LODGING

Reimbursement of travelling expenses to the trainees nominated by the government of states and Union territories shall be made as per their entitlement and they will be paid to and fro fare by shortest route restricted to maximum of AC-II train, economy class ticket of air India or AC bus

APPLICATION FORM

Model Training Course on

“Post Harvest Management and Value Addition of Horticultural Crops”

Sponsored by:

**Directorate of Extension, Ministry of Agriculture and Farmers Welfare, Govt. of India
(February 26 to March 4, 2020)**

1. Name (in block letters) :

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