



## Summer School



on

### *“Recent Developments in Organic Vegetable Production System under Changing Climatic Scenario”*

**(24<sup>th</sup> July-13<sup>th</sup> August, 2018)**



#### **Course Director**

**Dr. Sumati Narayan**

Associate Professor

#### **Course Co-ordinators**

**Dr. Khursheed Hussain    Dr. Ajaz Ahmad Malik**

Assistant Professor

Assistant Professor

#### **Head**

**Dr. Kouser Parveen Wani**

#### **Sponsored by**

**Indian Council of Agricultural Research,  
New Delhi**

#### **Organized by**

**Division of Vegetable Science,  
Faculty of Horticulture,**

**Sher-e-Kashmir University of Agricultural  
Sciences & Technology of Kashmir  
Shalimar Campus – 190 025 (J&K)**

#### **Course Overview**

The green revolution was mainly dependent on large scale utilization of synthetic agrochemicals such as fertilizers and pesticides for nutrient-responsive and high-yielding crop varieties and the response was manifested in boosting the production and productivity. However, this increase in production later started to decline in production and productivity besides deleterious effect on natural resources, environment, human as well as soil health in all aspects leading to threat and imbalance in ecosystem globally. The case is mainly relevant to vegetables which are short duration crops involving large doses of synthetic chemicals and consumed in fresh form as salads etc. The alternative vegetable farming system leading to sustainability in production and productivity besides overcoming the ill effects of green revolution technologies is organic farming. It is defined as the holistic production management system which promotes and enhances agro-ecosystem health, including biodiversity, biological cycles, and soil biological activity. It emphasizes the use of management practices in preference to the use of off-farm inputs, taking into account that regional conditions require locally adapted systems. The course is therefore designed to deliberate on recent technologies and developments in organic vegetable production system taking also in to view the changing climatic scenario and its effects and mitigation strategies.

#### **Course Outline & objectives**

1. Recent technologies in organic vegetable production systems
2. Production and utilization of low cost organic inputs for successful vegetable production.
3. Organic production of vegetables using protected structures during severe winters under Kashmir valley conditions.
4. Advance technologies/ high yielding vegetable varieties and hybrids for organic vegetable production.
5. Role of homeo organic farming.
6. Ecological engineering for insect control in organic vegetable production system.

7. Use of bio fertilizers and bio herbicides in organic vegetable production system.
8. Organic technologies for weed control in vegetable crops.
9. Integrated farming system as a viable approach for successful organic vegetable production.

#### **Eligibility**

Participants from SAU's/ICAR Institute/KVK's etc. in the cadre of Assistant Professors or equivalent and above from the disciplines of Vegetable Science/Plant Pathology/ Plant Breeding and Genetics/Crop Physiology/ Entomology/ Horticulture/ Agronomy/ any other allied discipline are eligible. The number of participants for the programme is limited to twenty five. Only 10 % internal participants are permitted.

#### **Venue**

Main Campus, Shalimar, Sher-e-Kashmir University of Agriculture Sciences and Technology of Kashmir, Shalimar, Srinagar-190 025 (J&K).

#### **About the Venue**

The venue of training is at Shalimar Campus situated at north-east embankment of world famous Dal Lake and near Mughal Garden Shalimar at foot of Zabarwan hills. The climate of the site during scheduled training programme is pleasant. Summers are warm with a July daytime average of 24.1 °C (75.4 °F). Rain may result in dipping of temperature. So, participants are advised to keep a full set of warm clothes. All the famous gardens are in the vicinity of the training site. Other famous tourist places like Gulmarg (70 Km), Sonmarg (110 Km), Pahalgam (100 Km), Youshmarg (80 Km) are accessible.

#### **Travel**

The participants will be paid for the journey, to and fro, restricted to AC-II/III-tier train fare or bus. Actual TA will be paid on submission of tickets by the participants. TA will be paid from the place of duty to the course location and back by the shortest route. They are expected to make their own arrangements to reach the university guest house. Srinagar is well connected by air and road. City transport service is available to reach the university. Participants are advised to make their return journey reservations at their end before leaving for Srinagar. Due to unavailability of train link from Jammu to Srinagar Participants will be paid shared taxi fare like Tata

## Application Form

Sumo/ Tavera/ Zylo / Innova etc. which is frequently available at taxi stands of Jammu and Srinagar. Participants should ask for ticket to drivers of vehicle which are necessary for reimbursement of TA.

### Accommodation

Participants will be provided free boarding and lodging by SKUAST-Kashmir as per ICAR norms for conducting summer school. The trainees will be accommodated in the Chinar Ghar/Kirkichu House/Kamad Ghar Guest House of SKUAST-K which is located at Main Campus, Shalimar of University.

Participants are requested not to bring family member as the accommodation is strictly limited for trainees only. Participants are requested to inform the Course Director well in advance about their arrival and departure including date and time for the convenience of their stay during the course.

Local participants are not eligible for boarding and lodging, however, local hospitality *i.e.* working lunch, tea, etc. will be provided.

### Location

University campus is located 12 km from TRC / Dal Gate and 25.0 km from Srinagar Airport. Local vehicle services are frequently available from all these places to reach Sher-e-Kashmir University of Agriculture Sciences and Technology of Kashmir (SKUAST-K), Shalimar, Srinagar-190 025 (J&K). For any guidance contact Course Director or Coordinators.

### Application and Selection

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

- Visit the website <http://www.iasri.res.in/cbp/> or click on Capacity Building Programme link under <http://www.icar.org.in/>
- Login using your user ID and Password. To create user ID use "Create New Account" link.
- After login, click on "Participate in Training" link and fill the Proforma.
- Take a printout of the application and get it approved by the competent authority of the institute/SAU. Upload the scanned copy of application through the above portal or send duly signed copy through proper channel to the Course Director by post along with

registration fee. The last date for receiving the nomination is 11<sup>th</sup> June, 2018. The advance scanned copy of the nomination may be sent by email.

### Important Dates & Notes

- Last date for receipt of application - 11/06/2018.
- Intimation to selected candidates - 30/06/2018.
- Confirmation by selected candidates-05/07/2018.
- Candidates are informed to come with post paid SIM card only.

### Registration fee

The participants are required to pay the sum of Rs.50/- (Rupees fifty only) towards registration fee (Non-refundable) in favour of "Course Director, Division of Vegetable Science, SKUAST Kashmir, in the form of bank draft or postal order.

### Correspondence

#### Dr. Kouser Parveen Wani

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#### Course Director

##### Dr. Sumati Narayan

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#### Course Co-ordinator

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Format for applying in Summer School (21 days) course on Recent Developments in Organic Vegetable Production System under Changing Climatic Scenario (To be sent directly to the Course Director/Course Coordinator of the Short Training Course)

1. Full name (in block letters):
2. Designation:
3. Present employer and address:
4. Residential Address:
5. E-mail address:
6. Telephone No. (Self and one of family members):
7. Date of Birth & Age (as on July 1, 2018):
8. Gender (Male/Female):
9. Academic record:

Degree	Subjects Main/Subsidiary	Year of Passing	University/ Institution
Ph. D			
M. Sc			
B. Sc			
Others			

10. Teaching/Research/Professional experience (mention post held) during last 5 years and number of publications.
  - Research/Teaching/ Extension experience:
  - No. of Publications:
11. Marital status (Married/Unmarried):
12. Discipline and field of specialization
13. Mention if you have participated in any research seminar, Summer/Winter School/Short course etc. during the last 5 years under ICAR/other organizations:
14. Demand Draft/IPO of Rs. 50/- (in favour of "Course Director, Division of Vegetable Science, payable at Shalimar Srinagar 190 025 J&K) towards Registration (non- Refundable).  
Bank:  
Draft No: \_\_\_\_\_ Dated: \_\_\_\_\_  
Place: \_\_\_\_\_
15. Recommendation of Forwarding Institute.  
It is certified that the information furnished above is true and correct as per office record.  
Signature..... Date.....  
Designation with official seal.....

*Note: This Proforma can be typed/photocopied (enlarged) and used.*