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 Performa.
- 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 10^{h} Aug., 2017. The advance scanned copy of the nomination may be sent by email.

Important Dates & Notes

- Last date for receipt of application- 10/11/2017.
- Intimation to selected candidates-25/12/2017
- Confirmation by selected candidates-01/02/2018
- Candidates are informed to come with post paid BSNL 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 "Comptroller, SKUAST- Kashmir, in the form of bank draft or postal order.

Contact Persons & Address for Correspondence Course Director

Dr. Pradeep Kumar Singh (Assistant Professor)
Division of Vegetable Science FOH, SKUAST-K, Shalimar, Srinagar-190 025 (J&K) E-mail : pradeepsingh584@gmail.com
Mobile : 08803363269

Course Co-ordinators

Dr. Kouser Parveen Wani (Associate Professor &Head)
E-mail: kouserparveen28@gmail.com
Mobile: 9419008819

Dr. Nayeema Jabeen (Associate Professor)
E-mail : nayeemajabeen@gmail.com
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Dr. K Hussain (Assistant Professor)
E-mail : khussain27@gmail.com
Mobile : 9469318042

Application Form

Format for applying in Short Training course on Recent Technologies in Improvement of Vegetable crops under temperate conditions (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, 2017):
8. Gender (Male/Female):
9. Academic record:

Degree	Subjects Main/Subsidiary	Year of Passing	University/Institution
PhD			
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 of Rs. 50/- (in favour of "Comptroller, SKUAST-Kashmir" payable at Srinagar) towards Registration (non- Refundable).

Bank:

Draft No: _____ Dated: _____

Date: _____ 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.

Signature of Applicant

ICAR SHORT COURSE ON

RECENT TECHNOLOGIES IN IMPROVEMENT OF VEGETABLE CROPS UNDER TEMPERATE CONDITIONS

12th March to 21st march. 2018

Course Director

Dr. Pradeep Kumar Singh

Assistant Professor

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)

About the Venue

Sher-e-Kashmir University of Agriculture Sciences and Technology of Kashmir, Shalimar, Sringar-190 025 (J&K).Main Campus. The venue of training is at the Faculty of Horticulture, Shalimar situated at north-east embankment of world famous Dal Lake and near Mugal Garden Shalimar at foot of Zabarwan hills. The climate of the site during scheduled training programme would be pleasant. Average temperature ranging between 4-21 ^{0}C. Rains may results in dipping of temperature. So, participants are advised to keep a full set of warm clothes. All the gardens are lying within university of five Km from the training site. Other famous tourist places like Gulmarg (70 Km), Sonmarg (110 Km), Pahalgam (100 Km), Yushmarg (80 Km) are accessible.

Travel

The participants will be paid for the journey, to and fro, restricted to AC-III-tier train fare or bus. Actual TA will be paid on production 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 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 short course. The trainees will be accommodated in the Chinar Ghar/ Kirkichu house/Kamad Ghar guest house complex which is located at Shalimar Campus of the University.

Participants are requested not to bring any 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.

Recent Technologies in Improvement of Vegetable crops under Temperate Conditions

The cultivation of vegetables has special significance in horticulture because of their short duration, low volume and high value. The cultivation of vegetable crops is proving a boon to small and marginal farmers of the country and especially helping the farmers of the hilly regions in fetching remunerative prices during off-season. India is the largest producer of vegetables after China in the world. It produces 163 million tonnes of vegetables from an area of 9.39 million hectare. The production remains for short of what is needed for nutritional security. Looking forward at the requirement of 225 million tones of vegetables by 2025. The production and productivity has to be increased to meet the dietary requirement of 300 g/capita/day. The increase in production is to be achieved vertically without disbursing the delicate environment balance. Agricultural education is passing through a metamorphic stage of development which hinges upon teaching, research and extension interface. The agricultural scientists have been able to improve the existing varieties, develop hybrids and modernize agro-techniques to get maximum yield of high quality produce and are in the continuous process. The indigenous vegetable industry of the J&K state is not able to ensure the year round availability of vegetables in markets. Need of the hour therefore is to enhance production to the extent of not only having zero dependence on I ports but to emerge as an important vegetable export of not only having zero dependence on imports but to emerge as an important vegetable export hub. The recent technological interventions encompass developments of hybrids of large number of vegetables and their seed production, nutritional management, organic vegetable production, early nursery raising, protected cultivation, post harvest management, processing and value addition, packaging, transportation and latest extension methodologies which have to be taken to vegetable growers field for enhancing production, productivity and availability of vegetables in the markets of Kashmir valley. However, to meet the challenges in the domestic market as well as to compete in the International market, there is a need of evolving strategies for the development and breeding of suitable varieties/ hybrids and quality planting material to be provided to the growers. The Improvement of vegetable crops has until recently, been largely confined to conventional breeding approaches and such programmes rely on hybridization of plants which have desirable heritable characteristics and on naturally or artificially induced random mutations. The conventional breeding in conjunction with molecular biology and recent technologies in improvement of vegetable crops under temperate conditions has bright prospects of developing high yielding vegetable varieties with high nutraceuticals and bio active compounds suitable for fresh market.

Course Outline

1. Scenario of vegetable production in India and technical interventions for its promotion
2. Scope/ Potential of protected cultivation for enhancing the production of vegetables in India and Temperate regions.
3. Scope and importance of vegetable hybrids and improved varieties in enhancing production of vegetables in Temperate regions and India
4. Future prospects of Vegetable crops in emerging health conscious society
5. New approaches in disease management of vegetable crops
6. Impact of climate change on vegetable production, vulnerability, mitigation and adaptation strategies
7. Organic production of Vegetable crops
8. Recent advances in Okra, Potato, Fenugreek, Cucumber, Brinjal, Carrot, Tomato, Cabbage, French beans etc.
9. Recent advances for seed production in Solanaceous, Cucurbitaceous, Cole Crops and Root crops etc.
10. Role of Biotechnology for vegetable crop Protection
11. Plant Genetic Resources
12. Plant Protection Varietal Farmer's Right

Eligibility

Participants from SAUs /ICAR Institutes/KVKs etc. in the cadre of Assistant Professors or equivalent and above from Vegetable Science/Plant Pathology/ Pant Breeding and Genetics/Crop/Physiology/Agril. Entomology/ Horticulture/ Agronomy/ Soil Science/ Agriculture Extension and other concerned scientists are eligible. The number of participants for the programme will be limited to 25. Only 10 % internal participants are permitted. The candidates shall be informed about their selection or otherwise in the programme.