

Travel and accommodation

The participants will be paid for the journey, to and fro, restricted to AC-II-tier train fare or bus. TA will be paid from the place of duty to the short course training location and back by the shortest route. Facilities for boarding and lodging will be made available for the participants free of cost at IARI, RS Guest House and Training Hostel. Local participants are not eligible for boarding and lodging. However, local hospitality i.e. working lunch, tea, etc. will be provided to all participants.

How to Reach ICAR-IARI, RS, Katrain

Katrain is 296 km away from Chandigarh and located on National Highway 21 between Kullu and Manali about 20 km from either side. It is well connected by road from Delhi, Chandigarh and Shimla

Last Date for Apply: 15-09-2017

Contact

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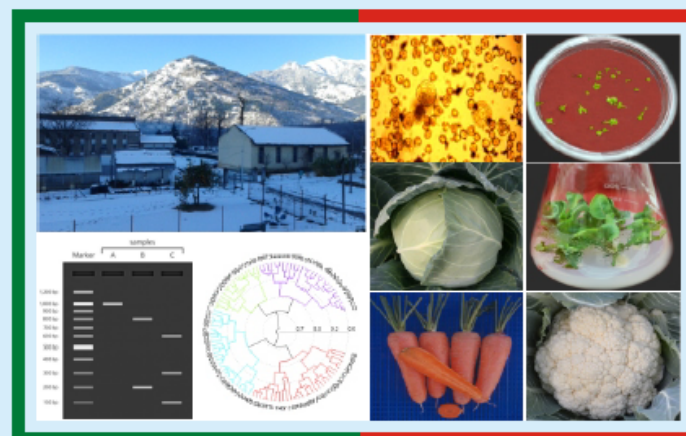
ICAR -Indian Agricultural Research Institute, Regional Station, Katrain
(Kullu Valley), Kullu, Himachal Pradesh-175129 Phone: 01902-241280
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ICAR Sponsored
Ten Days Short Course Training on

**Modern Breeding Strategies for Higher Productivity,
Quality and Bio-Active Health Compounds in Temperate
and Exotic High Value Vegetables**

04th -13th October, 2017



Course Director:

Dr. Raj Kumar

Course co-ordinators:

Dr. Chander Parkash

Dr. S. S. Dey

**ICAR -Indian Agricultural Research Institute
Regional Station, Katrain (Kullu Valley), Kullu,
Himachal Pradesh-175129**

www.iari.res.in

About the short course

Temperate vegetables like cabbage, cauliflower, carrot, radish, turnip, beet root and capsicums are important constituents of Indian diet. Besides, exotic vegetables like broccoli, Brussels sprouts, knol khol, lettuce, celery and parsley are becoming very popular day by day. These vegetables play vital role in supplying the various health beneficial nutrients and bioactive compounds. Some of these vegetables are well known for their anti-carcinogenic properties. Most of the seeds of these crops are imported in our country. In India, very limited research work is being undertaken to improve productivity and quality of these high value and low volume crops. Indigenous seed production is needed urgently to meet the increasing demand of these crops. Therefore, this short course focuses on training young scientists and assistant professors in vegetable breeding about the modern breeding tools, recent advances, techniques and other emerging trends in enhancing the productivity and quality of temperate and exotic vegetables.

About ICAR-IARI, RS, Katrain

ICAR-IARI, Regional station, Katrain is a historical station involved in seed production and improvement of temperate vegetables since 1949. After the partition of India, the government of India set up a Central Vegetable Breeding Station at Kullu Valley in the year 1949. The station was transferred to the Indian Agricultural Research Institute, New Delhi in 1955 with a view to intensify the improvement work on temperate vegetables. Since then, the station has been making steady progress in the area of vegetable improvement and seed production. This station is pioneer in developing F₁ hybrids in vegetable crops since the development of cucumber hybrid (Pusa Sanyog) and summer squash hybrid (Pusa Alankar) in 1973. This station is the only research institute in India involved in improvement of temperate and exotic vegetables through application of modern breeding tools. This station is credited with development of F₁ hybrid for the first time in late cauliflower (snowball), temperate carrot, capsicum and cabbage in the country.

Major subject areas of the training

- Classical breeding approaches to enhance productivity and quality
- Heterosis breeding in enhancing productivity and quality
- Modern biotechnological and molecular tools

- Haploid breeding
- Biotic stress resistance breeding
- DUS and IPR issues

Eligibility

The Short Course is open for participants from ICAR Institutes/State Agricultural Universities/Central Agricultural Universities/Agricultural faculties of AMU, BHU, Vishwa Bharti and Nagaland University/Krishi Vigyan Kendras. The participants should have Master's Degree in Agriculture and allied disciplines involved in vegetable production and breeding programmes. However, candidates with other relevant fields are also eligible for application. They should be employed not below the rank of Assistant Professor or equivalent rank in the concerned subject. Participants will be selected on the basis of their ability to benefit from the programme. The number of participants in the Short Course will be limited to 25.

How to Apply

The interested candidates should apply online using CBP vortal through <http://proj.iasri.res.in/cbp> or under the link Capacity Building Program at ICAR website (<http://www.icar.org.in>). Steps for submission of online application form are as follows:

- To create User Id use "Create New Account" link on home page. Login using your User Id & Password. If you have forgotten your password click on "Forgot password" link.
- After login, choose this training under Short Course category and click on "Participate in Training" link and fill the performa.
- After filling the online application, fill 'Draft/Postal' order details and take a printout of application and get it approved by the competent authority of your organization.
- Upload the scanned copy of the application through CBP vortal. In addition, send the hard copy to The Course Director of the Short Course.
- Advance copy of application can be sent by E-mail to Course Director.
- The selected candidates will be informed by e-mail/CBP vortal well in advance. Once the candidates are intimated about their selection for Short Course, they need to confirm their acceptance.