

## APPLICATION FORM

Format for applying for participation in the Summer School on **“Modeling and Advances in micro irrigation for improving water use efficiency”** (To be sent directly to the Course Director/course coordinator of the Summer School)

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	Division	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 of Rs. 50/- (in favour of “Comptroller, SKUAST-Kashmir” payable at Srinagar) towards registration (non- Refundable).

Bank:

Draft No.----- Dated \_\_\_\_\_

Signature of Applicant

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 \_\_\_\_\_

## Travelling Allowance

The candidates selected for participation in the training will be provided travelling expenses as per their entitlement **restricted to 2<sup>nd</sup>/3<sup>rd</sup> AC rail fare or Bus fare** by the shortest route after submission of original tickets. **No DA will be paid to the participants.** In the absence of tickets, sleeper class train/bus fare will be paid. Travel by Air is not permissible.

## Duration and Venue

The Summer School will be organized in the Division of Agricultural Engineering at Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, Srinagar (Jammu and Kashmir) for the duration of 21 days from July 5-25, 2017 (both days inclusive). The participants can leave the venue after 5:00 PM on July 25, 2017.

## Location & Weather

Kashmir is well connected by road/air and is about 300 km from Jammu. SKUAST campus is located on Shalimar and about 12 km from Srinagar; and the weather during July is moderately pleasant (14-25<sup>o</sup>C).

## Important Dates

Last date for receipt of nominations: **June 15, 2017**

Intimation to participants: **June 20, 2017**

Date for confirmation from participants: **June 24, 2017**

## Contact Persons & Address for Correspondence

### Course Director

**Dr. Rohitashw Kumar**, Associate Professor

Division of Agricultural Engineering,  
SKUAST- Kashmir , Srinagar (J&K)

Mob: 09419005201

Email: [rohituhf@rediffmail.com](mailto:rohituhf@rediffmail.com)

### Course Coordinators( Co-course Directors)

**Dr. J. N. Khan**, Associate Professor and Head

Division of Agricultural Engineering  
SKUAST- Kashmir , Srinagar (J&K)

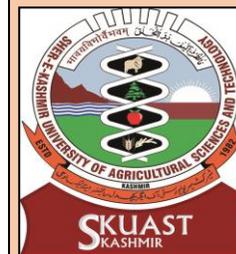
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**Dr. Jagvir Dixit**, Associate Professor, Division of

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Summer  
School

on



## Modeling and Advances in micro irrigation for improving water use efficiency

(July 5-25, 2017)

Sponsored by

**ICAR, New Delhi**

Course Director

**Dr. Rohitashw Kumar**

Associate Professor



Organized by

**Division of Agricultural Engineering**  
**Sher-e-Kashmir University of Agricultural**  
**Sciences and Technology of Kashmir**  
**Shalimar Campus , Srinagar (J&K) 190025**

## About SKUAST-Kashmir

SHER-E-KASHMIR University of Agricultural Sciences and Technology (SKUAST), is a multi-campus university, named after great patriotic leader Jenab Sheikh Mohammad Abdullah popularly known as Sher-e-Kashmir. It was established in the year 1982 through an Act of the J&K Assembly, with its headquarter at Shalimar, Srinagar. In the year 1998-99, the University was renamed as Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir (SKUAST-Kashmir) and its territorial jurisdiction redefined to Kashmir and Ladakh regions.

### Background

The Division of Agricultural Engineering was established in the year 1987. The institution of B. Tech. (Agricultural Engineering) programme was started during the year 2006-07. The Division has a mandate of teaching U.G/P.G students in the field of Farm Power and Machinery, Soil and Water Engineering and Food Process Engineering. The Division has also the mandate of research in different aspects of Agricultural Engineering for temperate and cold arid zones relating to natural resource management and conservation, increase agricultural production and productivity without drudgery, on-farm post-harvest technology and value addition, transport and management. The Division over the years has developed suitable technologies for the region in the field of Agricultural Engineering. Some of the technologies developed are: twin wheel hoe, walnut cracker, maize sheller, different poly houses design, solar dryers, graders, nut crackers, electronic dryers and low cost water storage tanks. The Division also runs M. Tech. Programme in Soil and Water Engineering and Farm Machinery and Power Engineering. The Agricultural Engineering Division dissemination of the developed technologies to agencies of the state government, manufacturers, village artisans and farmers for improving livelihood.

## About the Summer School

This 21 days training course will be useful in comprehensive understanding on Modeling and Advances in micro irrigation for improving water use efficiency. It will provide practical experience to trainees on various techniques and tools of modern irrigation systems/automation and fertigation techniques for higher crop production and to increase crop water use efficiency. In addition, this course will also cover advances in protected cultivation under micro irrigation; crop water estimation; concept, design and layout of micro irrigation system; modelling of water movement, use of GIS and Remote Sensing for irrigation management; nutrient and water dynamics during fertigation; soilless culture; irrigation with poor quality water and use of fertilizer as fertigation. The training will comprise of lectures and practical sessions by experienced scientists of SHER-E-KASHMIR University of Agricultural Sciences and Technology (SKUAST) and by inviting eminent scientists from ICAR/SAUs. Field visits will be arranged to progressive/innovative farmers' fields and other related places. Provision has also been made for interim review to assess the progress of the participants through group discussion. The objective of the training programme is;

1. To update the skills of young scientists and teachers in the field of micro irrigation and modelling.
2. To provide an opportunity to have direct access on recent advances in micro irrigation in various institutions.
3. To disseminate the gained knowledge to the different areas of the country for enhanced crop production by enhancing water use efficiency and water productivity.
4. Awareness of the various types of irrigation systems and their purposes and applications.
5. Water application measurements, irrigation efficiency.
6. Irrigation and fertigation scheduling.

### Eligibility

Participants from the following fields viz. Soil Water Conservation Engineering, Irrigation Engineering/ Agricultural Engineering, Agronomy, Soil Science, Horticulture and other concerned subject may apply for this summer school; and with cadre working as Assistant Professor and above rank in the concerned subject under

SAUs/CAU/ ICAR-DU and ICAR Institutes may apply. The participants must have a Master's/ Ph.D. degree with specialization in above mentioned disciplines working in research, teaching or extension. The total number of **participants in the summer School will not exceed 25.**

### How to Apply

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

1. 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.
2. After login, choose this training under SWS category, and click on **"Participate in Training"** link and fill the proforma. 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 the organization. Upload the scanned copy of the application through CBP portal. In addition, **send the hard copy to The Course Director of the Summer School along with DD/PO**
3. The applicant has to pay non-refundable **registration fee of Rs. 50/- (Rs. Fifty only)** as DD/PO in the favour of **"COMPTROLLER", SKUAST-K payable at Shalimar, Srinagar.**
4. Advance copy of application can be sent by E-mail to Course Director/Course Coordinator.
5. The selected candidates will be informed by email portal well in advance.
6. Once the candidates are intimated about their selection for training, they need to confirm their acceptance by last date.

### Boarding & Lodging

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/Kamod ghar guesthouse of SKUAST-K which is located at Shalimar Campus 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 Summer school.