



उच्च संकाय प्रशिक्षण केन्द्र, शस्य विज्ञान विभाग, कृषि महाविद्यालय  
गोविन्द बल्लभ पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय  
पन्तनगर-263 145, उत्तराखण्ड

**CENTRE OF ADVANCED FACULTY TRAINING IN AGRONOMY**  
**College of Agriculture, G.B. Pant University of Agriculture and Technology**  
**PANTNAGAR-263 145, UTTARAKHAND**

***Dr. K. S. Shekhar***

Professor & Head &  
Director, CAFT Agronomy

**Subject:** Nominations for the training programme on “**Safe and sustainable agriculture for enhancing the factor productivity of crops and cropping systems**” from **February 04 to 24, 2020** under CAFT Agronomy

Department of Agronomy, G.B. Pant University of Agriculture & Technology, Pantnagar-263145; Uttarakhand is organizing 21 days training course on “**Safe and sustainable agriculture for enhancing the factor productivity of crops and cropping systems**” under the aegis of “**Centre of Advanced Faculty Training**” programme *w.e.f.* **February 04 to 24, 2020** for teachers and researchers of various Agricultural Universities and ICAR/State Research Institutes.

Therefore, one or two persons, not below the rank of Assistant Professor/Scientist (S1), may please be nominated from various Universities/ Institutes for the aforesaid training. Separate application form shall be filled by the applicants from the same university/institute. Duly filled in and completed application forms should reach the undersigned through proper channel latest by **04.01.2020**. The selected participants will be required to deliberate on teaching/research/extension activities in their respective fields during the training period. The TA, boarding and lodging for the aforesaid training programme will be borne by the host institute as per rules. The information on the training and performance can also be downloaded from the **website: www.gbpuat.ac.in** and be submitted to the organizer of the training after getting due approval from the competent authority of their respective institute. **Candidates are also required to apply online through website : iasri.res.in which is mandatory.**

*K.S. Shekhar*  
(K.S. Shekhar)

**Encl:** As above

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# CENTRE OF ADVANCED FACULTY TRAINING IN AGRONOMY



*Sponsored training*



**On**

**“Safe and sustainable agriculture for enhancing the factor productivity of crops and cropping systems”**

**(February 04 to 24, 2020)**



**DEPARTMENT OF AGRONOMY  
COLLEGE OF AGRICULTURE**

***G.B. Pant University of Agriculture & Technology,  
Pantnagar-263 145, U.S. Nagar (Uttarakhand)***

## ABOUT THE CAFT

Department of Agronomy is one of the oldest Departments of the College of Agriculture. It came into existence in 1963 with Master's Programme in Agronomy. The Ph.D. programme in Agronomy commenced from 1965. A well-knit U.G., P.G. and Ph.D. programmes with updated syllabi have been operating in the department. The research work has been programmed to cater the needs of the area. The department serves as a nodal agency for various extension activities and resource management, and shares more than 25% of the course load of the under graduate teaching. Considering the competence and advance facilities available in the department, ICAR sanctioned the Centre of Advanced Studies in Agronomy in 1994 which was upgraded to the Centre of Advanced Faculty Training in 2010. Under the Centre of Advanced Faculty Training, the department imparts training to the scientific personnel working in less privileged/affiliated institutions towards strengthening human resource in the country. This department has conducted 39 trainings under CAS/CAFT till date. The department also has the mandate to develop cost effective technology for efficient and optimal use of resources. It also shares responsibility of transfer of technologies to the farmers and other end users in the state.

## ABOUT THE COURSE

Indian agriculture supports 18% of world population on 2.4% of land and 4.0% of water resources. Nearly one-third of the country's population lives below poverty line, and about 80% of our land mass is vulnerable to drought, floods and cyclones. With increasing population our food grain production has to increase to feed our population. It is estimated that by 2030 we need to produce 330 million tonnes of food grains to support our population. Not only achievement of targets but quality aspect of food is also becoming important. Agriculture is highly dependent on the natural resources, and these resources are under tremendous pressure due to increasing population and intensive cultivation. Presently country is generating around 500 million tones of different agriculture residues, which needs to manage efficiently, especially to prevent burning.

Present Indian agriculture is at cross road between commercial agriculture and subsistence agriculture. However, either of two cannot be left giving preference over the other particularly in terms of technology development. Thus, both need transformation to be globally competitive in coming decades. In both segments, there are many common issues *viz.*, escalating costs of cultivation, receding resource base, burning of crop residues, decline in water table, increasing share of water by other sectors, poor input use efficiency, lack of adequate mechanization, increasing losses particularly that of nutrients and water etc. To overcome such problems the panacea would be in strengthening the resource base and its effective utilization. Resource augmentation and utilization technologies improve input use efficiency at low cost, and preserve ecological integrity of crop production system. In our university and department; technologies in term of new cultivar, efficient implements, reduced or minimum pre-planting tillage soil, nutrient and water management practices have been developed which are cost effective and environment friendly. Investments are needed to further refine the technologies to make them feasible and economically viable for diverse agricultural environments of the country.

## NOMINATIONS

The participants should apply online using CBP vortal at [www.iasri.res.in/cbp](http://www.iasri.res.in/cbp) or under the link capacity building programme at [www.icar.org.in](http://www.icar.org.in) latest by **04.01.2020**. User has to create an account on the CBP site and then using the login id enters into system to apply online for the training programme. After filling the online application, take a printout of the application and get it approved by the competent authority of the organization. Upload the scanned copy of application through CBP vortal and send the hardcopy of approved application to undersigned. The selected candidates will be informed by post, fax and/or e-mail.

## **TRAVEL, BOARDING AND LODGING**

Participants will be paid to and fro fare by shortest route restricted to AC-II train or bus on submission of tickets. Free boarding and lodging will be provided to participants during the training programme as per ICAR guidelines.

## **PARTICIPANTS**

Teachers and researchers working in this area in SAUs, ICAR and other institutes are eligible. The number of participants will be limited to twenty (20).

## **ELIGIBILITY AND ADMISSION**

Candidates holding the position of Assistant Professor, Associate Professor or equivalent rank and possess a Post Graduate/Doctoral Degree in Science/Agricultural Sciences/Agronomy preferably below the age of 50 years are eligible.

The application form (enclosed) duly filled and countersigned by the sponsoring authority should reach to the Director, CAFT (Agronomy) by **04.01.2020**, positively. The selected candidates will be informed by post, fax and/or e-mail.

## **COURSE DIRECTOR**

### **Dr. K. S. Shekhar**

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## **COURSE COORDINATOR**

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## **COURSE CO-COORDINATORS**

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**For details and application, please visit  
[www.gbpuat.ac.in](http://www.gbpuat.ac.in)**