



उच्च संकाय प्रशिक्षण केन्द्र, सस्य विज्ञान विभाग, कृषि महाविद्यालय
गोविन्द बल्लभ पन्त कृषि एवं प्रौद्योगिक विश्वविद्यालय
पन्तनगर-263145, उत्तराखण्ड

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

Dr. V. Pratap Singh
Professor & Head &
Director, CAFT Agronomy


CA/Agro/ 696
Date : 25/8/22

Subject : Nominations for the training programme on “Food Security and Soil Health Management through Agronomic Interventions ” from November, 02 to November 22, 2022 under CAFT Agronomy.

Department of Agronomy, G.B. Pant University of Agriculture & Technology, Pantnagar – 263 145; Uttarakhand is organizing 21 days training course on “Food Security and Soil Health Management through Agronomic Interventions” under the aegis of “Centre of Advanced Faculty Training” programme *w.e.f.* November 02 to November 22, 2022 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 05.10.2022. 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 performa 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.**

Encl: As above


(V. Pratap Singh)
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CENTRE OF ADVANCED FACULTY TRAINING IN AGRONOMY



Sponsored training



On

**“Food Security and Soil Health Management through
Agronomic Interventions”**

(November 02 to November 22, 2022)



**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 41 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

Food security is important for all nations, but it becomes even more important for the nations like India, where around 1.30 billion people live. The concept of food security originated in the mid-1970s as an important issue but at the World Summit of Food Security in 2009 the concept was extended and specified by adding that the "four pillars of food security are, availability access, utilization, and stability" and stated that "The nutritional dimension is integral to the concept" (FAO, 2009). The availability of food is the prime concern which influences the other pillars significantly. Indian agriculture contributes to 8% of the global agricultural gross domestic product to support 18% of the world population on only 9% of world's arable land and 2.3% of the geographical area. Nearly one-fourth of the country's population lives below poverty line, and about 80% of our land mass is highly vulnerable to drought, floods and cyclones.

The availability of food can only be ensured with the increasing production and taking care of soil health in better ways to meet the increasing demand of population. The climate change apparent in these days poses serious problems to sustain the food production in coming future. Apart from climate change, the declining average size of land holdings as about 85% of the farmers are small and marginal, rainfed areas of the country accounting for nearly 60% area dependent on rainfall also affected by the vagaries of monsoon, shrinking and degradation of natural resources, yield plateau in most of the crops, multi-nutrient deficiencies and poor resourcefulness of majority of the farmers are some of the concerns which need immediate attention to overcome the food security problem. Natural resources, particularly soil health is becoming sick due non-judicious use of nutrients. The growing demand for food and limited land availability compelling farmers to use more chemical fertilizers in order to increase crop yield which is causing soil acidification, heavy metal pollution, soil compaction, and changes in soil micro-flora. The present day changing scenario of agricultural production needs better utilization of resources for making quality and adequate food available so that the increasing demand of the population could be met and the soil health for future production needs could be maintained properly.

Therefore, this CAFT training is designed to provide innovative agronomic technologies to the participants with hands on experiences on emerging and associated technologies for better utilization of resources, helpful in sustaining and increasing the food security and maintaining soil health to realize the ecosystem services in better ways.

NOMINATIONS

The participants should apply online using CBP vortal at www.iasri.res.in/cbp or under the link capacity building programme at www.icar.org.in latest by **05.10.2022**. 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.

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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 **05.10.2022**, positively. The selected candidates will be informed by post, fax and/or e-mail.

COURSE DIRECTOR

Dr. V. Pratap Singh

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COURSE COORDINATOR

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**For details and application, please visit
www.gbpuat.ac.in**