



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

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

**Dr. K. Vishunavat**  
**Director**

No. CA/CAFTPP/179  
Dated: 19 / 11 / 2018

**Subject:** Nominations for the Training Programme on “Modern Concepts in Plant Disease Management for Enhancing Quality and Productivity” from February 08-28, 2019 under CAFT in Plant Pathology.

Dear Sir/Madam,

I am pleased to inform that the Centre of Advanced Faculty Training in the Department of Plant Pathology at G.B. Pant University of Agriculture and Technology, Pantnagar is organizing an ICAR sponsored 21 days training programme on the topic “Modern Concepts in Plant Disease Management for Enhancing Quality and Productivity” w.e.f. February 08-28, 2019. The training is especially designed to update the knowledge of the participants in context with the modern concept in plant disease management through exploitation of recent plant disease diagnosis and management techniques for enhancing the crop quality and productivity. This information may kindly be widely circulated.

It is further requested to please nominate two interested faculty members (Assistant Professor, Associate Professor or equivalent rank) for the said training programme from your organization/university/institute. Sponsored candidates 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 31-12-2018**.

With kind regards,

**Encl.:** Information brochure

Yours sincerely

(K. Vishunavat)

# **CENTRE OF ADVANCED FACULTY TRAINING IN PLANT PATHOLOGY**



*Sponsored training*



*on*

**“Modern Concepts in Plant Disease Management for  
Enhancing Quality and Productivity”**

**(February 08-28, 2019)**



**DEPARTMENT OF PLANT PATHOLOGY  
COLLEGE OF AGRICULTURE  
G.B. Pant University of Agriculture & Technology  
Pantnagar-263 145 (Uttarakhand)**

## **ABOUT THE CAFT**

The department of Plant Pathology was created and accredited by Indian Council of Agricultural Research (ICAR) in 1961. The department took the lead in introducing the postgraduate programme leading to masters degree in 1963 and doctoral degree in 1965 in Plant Pathology. In view of the outstanding quality of teaching, research and extension work being carried out by the department, ICAR upgraded the department in the year 1995 to the status of Centre of Advanced Studies in Plant Pathology (CAS). The CAS was awarded by the education division, ICAR on August 14, 1998 with a certificate of appreciation in commemoration of Golden Jubilee year of independence (1998) for organizing the programmes for human resource development and developing excellent instructional material. ICAR further elevated CAS as Centre of Advanced Faculty Training (CAFT) in the year 2009-10. Major mandate of the CAFT is to train scientific faculty from all over the country in important and innovative areas of Plant Pathology. So far 37 trainings, with 772 participants from 25 states, have been held.

## **ABOUT THE COURSE**

The plant pathogens are responsible for major economic losses in quality and productivity of the crop worldwide. Plant disease management practices playing a major role in Agriculture sustainability by protecting crops and improving profitability. Monitoring plant health by early detection of pathogens is essential to reduce disease spread and to facilitate effective management practices. DNA-based and serological methods now provide essential tools for accurate plant disease diagnosis, in addition to the conventional methods. Data analytics combined with precision planting and spraying techniques has made farmers even more efficient, helping them to protect their crop with less hazardous impact on ecosystem. Chemical management by fungicides is in practice but excessive use of fungicides leads to the resistance in pathogen and also it affects the human and environment directly or indirectly resulting in adverse impact on ecology. Therefore,

exploitation of biocontrol agent, resistance inducing agents, PR proteins, phytoalexins, nanoparticles, genetic engineering, genome editing etc. are being looked upon for the management of plant diseases as an alternative tools as well as offer an expanding array of strategies for enhancing disease resistance in plants and disease management with reduced pesticide usage. Therefore, the aim of the proposed training programme is to update the knowledge of the participants in context with the Modern Concepts in Plant Disease management for enhancing quality and productivity of the crop plants.

## **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 five (25).

## **ELIGIBILITY**

Candidate should be in the position of Assistant Professor, Associate Professor or equivalent rank and posses a Post Graduate Degree in Science/Agricultural Science/ Plant Pathology and be preferably below the age of 50 years.

## **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 31-12-2018**. User has to create account on the CBP site and then using the login id enter 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 hard copy 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.

## **Course Director**

**Dr. (Mrs.) Karuna Vishunavat**  
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## **Course Coordinator**

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## **Course Co-coordinator**

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**For detailed information, please visit  
[www.gbpuat.ac.in](http://www.gbpuat.ac.in)**