



## CONTACT INFORMATION COURSE DIRECTOR

**Prof. Prodyut Kr. Paul**

Department of Pomology and  
Post Harvest Technology  
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## COURSE COORDINATORS

**Dr. Puspendu Dutta**

Assistant Professor  
Department of Seed Science  
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**Dr. Nonigopal Shit**

Assistant Professor (Animal  
Science)  
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Terai Zone  
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## IMPORTANT DATES

Last date of Application  
January 24, 2025 (Friday)

Communication to Participants  
January 27, 2025 (Monday)

Commencement of Training Programme  
February 14, 2025 (Friday)



## HOST UNIVERSITY

The Uttar Banga Krishi Viswavidyalaya with its headquarter at Pundibari (Cooch Behar) started functioning on and from 1st February, 2001 for the development of agriculture and for the furtherance of the advancement of agricultural education, prosecution of agricultural research and extension in the eight northern districts of West Bengal. The University took birth through bifurcation from the Bidhan Chandra Krishi Viswavidyalaya. The University has three degree programmes covering Agriculture, Horticulture and Agricultural Engineering disciplines along with the post graduate programmes in every discipline of Agriculture and Horticulture Faculties. The University is fostering collaboration with Indian and foreign individuals and organizations for the purposes of better teaching and research prospects. The Head Quarter is situated at pundibari, (43m MSL) beside the highway (NH 31) which leads from Cooch Behar to Siliguri. The venue is about 15 Km away from the district Head-quarter and 14 km from the nearest railway station New Cooch Behar (NCB) which lies in between Kolkata and Guwahati train route.

## WEATHER & CLIMATE:

The Weather and climate during Feb-March is very pleasant where temp. and humidity ranges from 12-25° C and 60-65 % respectively with an experience of scattered rain (50mm).



## ICAR Sponsored 21 days Winter School

on

## Impact of Climate Change on Agriculture and Allied Sector- Adaptation and Mitigation Towards Sustainability and Livelihood Security

February 14 – March 6, 2025

Organizer and Venue

Uttar Banga Krishi Viswavidyalaya  
Pundibari, Cooch Behar -736 165  
West Bengal, India

 [www.ubkv.ac.in](http://www.ubkv.ac.in)



## ABOUT THE COURSE

Climate change has presently appeared as an unequivocal but unstoppable event and it poses severe threat for survival of biosphere on this Earth. Climate change actually results in large changes in environmental conditions like rainfall pattern, average temperature, heat waves, global change of CO<sub>2</sub> or ozone levels, fluctuations in sea levels in addition to surge in new weed flora and insect pests or pathogens. As such, scientists are in apprehension of lowering crop productivity that may severely affect global food-security. Moreover, animal production system has also been negatively influenced by global climate change that not only affects food security but also would have severe bearing on the rural livelihood. Therefore, mitigation towards sustainability and livelihood security faced by modern agriculture, under climate change scenario is a huge challenge. Accordingly, appropriate adaptation strategies for long term solution to cope up with climate change impact is of paramount importance.

## PROGRAMME HIGHLIGHTS

- Conservation Agriculture based Cropping System
- Climate change impacts on soil microbes
- Climate change mitigation through organic farming
- New approaches for mitigation of climate change
- Soil Resilience and Climate - Smart Agriculture
- Food security, food safety and agro-processing
- Abiotic stress management for adaptation
- Stress and secondary metabolites in medicinal plants
- Soil as a sink of carbon to mitigate climate change
- Biodiversity, forest growth and its vulnerability
- Impact of climate change on pollinators
- Ornamental bio-diversity and its mitigation
- Free living life cycle of soil microflora

## PROGRAMME HIGHLIGHTS

- Paradigms of seed enhancement and its perspectives
- Diversified poultry production versus commercial chicken
- Dynamics of agricultural insect-pests and management strategies
- Entrepreneurship development through livestock enterprise
- Architecture, physiology and genetics of crops
- Hydrological modelling
- Intellectual Property Rights related to agriculture
- Transforming vulnerable small holder producers for empowering and resiliency
- Plant diseases of economic significance



## ELIGIBILITY CRITERIA

Applications are invited from the researchers/ teachers not below the rank of Scientist/ Assistant Professor/Lecturer/ Subject Matter Specialist having a minimum of two years' experience in related research/ teaching /extension experience in ICAR/ State & Central Agricultural Universities/ AMU/BHU/ Viswa Bharti/ Nagaland University/ KVK's in Agricultural Sciences/Engineering or any other related disciplines. The number of participants will be 25 including institutional candidates (10%). Nominations for the above training should be sent online through CPB portal site (<http://cpb.icar.gov.in>). The hard copy of successfully submitted online application should be uploaded after approval of competent authority on ICAR-CBP portal. The same must be sent through post to the Course Director (Prof. Prodyut Kumar Paul) along with a IPO/ DD of Rs. 50/- (non-refundable) drawn in favour of Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar.



## TRAVEL & LOGISTICS

Selected participants will be paid travel (to and fro) fare by rail (restricted to AC-III/II tier subject to the availability of funds or by bus as per their entitlement. Actual TA for the shortest route will be paid on production of the tickets. Food & shared accommodation in the University Guest House will be provided by the organizers. No DA is admissible to the participants. The local participants are not eligible for boarding and lodging, however, they will be provided local hospitality like working lunch, tea, snacks, etc.

## REGISTRATION OF PARTICIPANTS

As per ICAR instructions, interested candidates should register and apply online in the 'Capacity Building Programme' (CBP) portal (<http://cbp.icar.gov.in/>) by creating an account for submission of application. A printed copy of the application duly signed and approved by the competent authority should be scanned and uploaded on the CBP portal. A copy may also be emailed to the Course Director: [prodyut24@yahoo.com](mailto:prodyut24@yahoo.com).

## ADDRESS FOR CORRESPONDENCE

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Course Director

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West Bengal, India