



## Modified 2<sup>nd</sup> Circular



# National Conference

on

Technological Advancement, Innovation and  
Entrepreneurship Development in  
Agriculture and allied Sectors

(March 16-18, 2023)

Organized by

**ICAR-NAHEP-IG**

In collaboration with

Directorate of Extension Education  
Uttar Banga Krishi Viswavidyalaya

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

## **ABOUT THE CONFERENCE**

The exponential growth in human population, its resulted demand for food and shelter; and the promise of agri-food systems to meet- up this demand exploited natural resources faster than they could be renewed. Over a period of time such practices pressurised the carrying capacity of the “natural” system and grew complex and unprecedented challenges related to land degradation, biodiversity loss, climate change, migration, conflict, economic instabilities etc. Inequality of income is growing, and many rural inhabitants live in extreme poverty; and we are going apart from achieving zero hunger by 2030. FAO believes that Science, Technology and Innovation (STI) has a major role in accelerating the transformation of agri-food systems to make it more efficient, inclusive, resilient, and sustainable system for better production, better nutrition, better environment and a better life, leaving no one behind. Integrated with this transformation, Indian agriculture in the new millennium is gradually transforming from a mere food production/ consumption ecosystem towards an inclusive food systems-oriented ecosystem with its associated commercial spill-overs. The policy of local-for-global is motivating the farmers to opt for growing agricultural commodities of international standard. This transformation in the overall food systems of India is generating plenty of business opportunities in the area of agriculture and allied sectors. Under this backdrop, agricultural entrepreneurship development became the most important priority of the national agricultural research and education system of the country today. Under such an exciting scenario, the national conference is planned to deliberate on different aspects of technological advancement, Innovation issues related to the policy initiatives taken by governments and private players for developing the sustainable entrepreneurial spirit and ecosystem among budding Indian peasants.

## **ABOUT UNIVERSITY**

The "Uttar Banga Krishi Viswavidyalaya" ([www.ubkv.ac.in](http://www.ubkv.ac.in)) was established by West Bengal Act XX of 2000 and started functioning from 1st February, 2001. The Head Quarter is situated at Pundibari, a rural block in the district of Cooch Behar (with 43 m MSL) which is 13 KM away from the district head-quarters. The University offers undergraduate courses in Agriculture, Horticulture and Technology (Agril. Engineering); postgraduate courses in Agriculture and Horticulture in Agriculture, Horticulture and Forestry. The nearest railway station is New Cooch Behar, which lies in between Kolkata and Guwahati train route. It is 15 KM from Pundibari and 4 KM from Cooch Behar town. It is situated by the side of the national highway (NH 31) which leads from Cooch Behar to Siliguri. The nearest airport is Bagdogra which is 150 KM away from the University Head Quarters.

## **ABOUT COOCHBEHAR**

Cooch Behar district is located in the northeastern part of West Bengal bordering Assam and Bangladesh. Cooch Behar town, the head quarter of the district which is mainly famous for the Koch Bihar Palace, noted for its elegance and grandeur. Idealized from the concept of classical European style of Italian Renaissance, this magnificent palace was built by the famous Koch king Maharaja Nripendra Narayan in 1887. Another attraction is the Madan Mohan Temple situated in the heart of the Cooch Behar town; constructed by Maharaja Nripendra Narayan during 1885 to 1889. Sagardighi, the huge tank situated in the middle of Cooch Behar Town is also a tourist attraction. It is a popular rendezvous in the evening surrounded by heritage buildings. Rasikbil, Kholta Ecotourism Spot, Rajpat Mound, Chilapata Reserve Forest, Gorumara National Park and Jaldapara Wildlife Sanctuary are popular tourist destinations nearby and can be visited within a day from Cooch Behar. Doars, Bhutan, Darjeeling or Gangtok can also be approached from here requiring three days

## **CLIMATE**

During March, the climate of Coochbehar is pleasantly warm with gentle breeze. The mean daily maximum temperature is 33 °C (95 °F), and the mean daily minimum is 17 °C (71 °F).

## THEME

### Theme-I: Technological Advancement and Innovation in Agriculture and allied Sectors

#### Sub-Themes

- Technological Advancement and Innovation in Agriculture and horticulture science (Modern tools and techniques for crop production/crop protection/crop improvement, Technological intervention for managing soil resources for improving food production, Conservation / smart / climate resilient agriculture technology, Hydroponic/aeroponic technology for improving agriculture/horticulture production, Nano fertilizer for crop production, Natural farming for management of agriculture and horticulture)
- Technological Advancement and Innovation in animal, fishery science, Agroforestry and forestry (Tree based farming system for environment management; Integrated farming system for resources utilization, Utilization of Livestock and fishery resources for nutritional/livelihood security, Processing and value addition in livestock and fishery resources)
- Technological Advancement and Innovation in engineering, post-harvest and other disciplines (Precision agriculture, Mechanization and automation in agriculture, Nano-technology in agriculture, Post-harvest Engineering, ICT-approach in agriculture, Drone technology)

### Theme-II: Entrepreneurship Development in Agriculture and allied Sectors

#### Sub-Themes

- Present status and emerging trends of Entrepreneurship development (Challenges and opportunities, Agri-startup, micro finance, SHG/FPO/FPC-based collective approach for Agri-entrepreneurship development, Women entrepreneurship, Social entrepreneurship, Rural Entrepreneurship, Eco-entrepreneurship, Youth entrepreneurship, Agri-entrepreneurship for Nutritional and Livelihood Security, Research & development trends in Agri-entrepreneurship)
- Economic and policy issues in entrepreneurship development (New start up, e-start up, innovation and digital economy in agriculture, Resource mobilization and Agri-entrepreneurship, Role of industry/organizations/civil society/social media and NGOs in Agri-entrepreneurship, Agri-entrepreneurship Ecosystem Development Education, Training and Competence Building, Ethics in Agri-entrepreneurship and Risk Management)

### Theme-III: Brain-storming Session on "BUNCH OF CROPS PER INCH OF LAND" (Subject to confirmation from HE Governor of West Bengal and Honorable Chancellor, UBKV)

## ABSTRACT SUBMISSION

Organizing committee invites delegates/participants to submit abstract for presentation (oral or poster) in different technical sessions. The abstract must be in English with the title of the paper, name of Author(s), and designation in MS Word (abstract strictly not more than 500 words). All abstracts must be sent as e-mail attachment to [seminar@ubkv.ac.in](mailto:seminar@ubkv.ac.in) addressing the Organizing Secretary on or before 10th March, 2023. The organizing committee reserves the right to delegate mode of presentation depending on the number of papers and merit of the paper based on originality/novelty of research work on the themes of conference. An area of 4 x 3 feet will be allotted for poster presentation and for oral presentation 10 minutes time will be given for each participant.

## Registration, Fees Accommodation

Application for registration in the given format can be sent to the Organizing Secretary as per date. Registration fees include seminar kit and working lunch. Accommodation (including accompanying persons) on request will be arranged with payment basis. Accompanying person will not get seminar kit.

Registration fees to be payable at **A/c No. 2250723632; Central Bank of India, Pundibari; IFSC: CBIN0281091** electronically or by demand draft in favour of **"UTTAR BANGA KRISHI VISWAVIDYALAYA"**

## REGISTRATION FEES

Participants	On or before 10 <sup>th</sup> March (Rs.)	On-spot (Rs.)
(a) Farmers/Entrepreneurs	Nil	Nil
(b) Internal PG & PhD Students	400.00	500.00
(c) Internal Faculty, PG & PhD Students from external organization	500.00	700.00
(d) Faculties from other organization	1000.00	1500.00
(e) Corporate sector	4000.00	5000.00

## Mode of Presentation:

Key note address and Lead lectures by eminent personalities, Oral and Poster presentations on accepted abstracts in each session except Theme-III. In Theme-III, 4-5 Panellists, eminent in their field will present in presence of HE Governor of West Bengal and Hon'ble Chancellor of the University with restricted entry subject to the confirmation of date from the HE Governor of West Bengal and Hon'ble Chancellor of the University.

## ORGANISING COMMITTEE

### PATRON

**DR. SWARUP KUMAR CHAKRABARTI**

Vice-Chancellor, UBKV  
Pundibari, PIN-736165, Cooch Behar, West Bengal

### CHAIRMAN

**PROF. PRODYUT KUMAR PAUL**

PI, NAHEP-IG, UBKV  
Dean, F/Hort, UBKV

**PROF. PRABHAT KUMAR PAL**

Professor (Agril. Extension) and  
DEE, UBKV

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**Dr. Hema Tripathi**, NC, NAHEP (M&E and ESS), ICAR, New Delhi

**Dr. Prabhat Kumar**, NC, NAHEP (CAAST), ICAR, New Delhi

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**Prof. Dibyendu Mukhopadhyay**, Dean, F/Ag, UBKV

**Prof. Rupak Sarkar**, Dean, F/Tech., UBKV

**Prof. Jyotirmoy Karforma**, Associate Dean, CoA, UBKV

**Prof. Nripen Laskar**, Dean, Students' Welfare, UBKV

## ORGANIZING SECRETARY

**Er. Ashis Kumar Das**

Associate Professor (Agril. Engineering) and Co-PI, NAHEP-IG, UBKV

**Dr. Gopal Shukla**

Assistant Professor, Dept. of Forestry, UBKV

## SPECIAL ORGANISING SECRETARY (Theme-IV)

**Prof. Apurba Kumar Choudhury**, Dean, PGS, UBKV

## CO-ORGANIZING SECRETARY

**Prof. J.C. Jana**, Professor, UBKV | **Prof. Kausik Pradhan**, Co-PI, NAHEP-IG

**Prof. Nilesh Bhowmick**, Co-PI, NAHEP-IG | **Prof. Soumen Maitra**, Dept. of FMAP

**Dr. Bikash Roy**, SS &H, Coochbehar KVK | **Dr. Surajit Sarkar**, SS &H, Uttar Dinajpur KVK

**Dr. Sankar Saha**, SMS, Coochbehar KVK | **Dr. Om Prakash Chaturvedi**, Co-PI, NAHEP-IG

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**Dr. Sankalpa Ojha**, Co-PI, NAHEP-IG | **Dr. Surajit Kundu**, Co-PI, NAHEP-IG

**Dr. Samir Kumar Das**, Co-PI, NAHEP-IG | **Er. Sangeet Sinchan Roy**, Co-PI, NAHEP-IG

## CONTACT PERSON

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***Registration form***

Name .....

Qualification.....Designation.....

Sex.....Official Postal Address.....

Telephone..... E-mail.....

Mobile..... Title of the research paper.....

Name of the author (s)

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Preferred Mode of presentation (organising committee will take final decision considering time constraint):

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Accommodation required or not (only allowed for pre-registered participants):

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Accompanying person, if any

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Registration fee details:

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The candidates are required to register in the prescribed format and submit the abstracts & registration form through email: [seminar@ubkv.ac.in](mailto:seminar@ubkv.ac.in) along with scanned copy of registration fee details.

Place

Date

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Signature of the participant