

About Institute of Agriculture, Visva-Bharati

Visva-Bharati was founded by Nobel Laureate Rabindranath Tagore in 1921, Visva-Bharati was declared to be a central university and an Institution of National Importance by an Act of Parliament in 1951. The President of India is the Paridarsaka (Visitor) of the University, the Governor of West Bengal is the Pradhana (Rector), and the Prime Minister of India acts as the Acharya (Chancellor). Institute of Agriculture (Palli Siksha Bhavana) was established on September 1, 1963 at Sriniketan. It offers UG/PG as well as Ph.D. programme in various disciplines of Agriculture.

About the Programme

The three fundamental principles of Indian Knowledge System (IKS) initiative includes, Paramparā: The continuous knowledge tradition of Bharata since time immemorial; Dr̥ṣṭi: The unique perspectives that makes this knowledge system “Indian” and valuable to the world; Laukika-prayojana: The practical utility to solve current and emerging problems of India and the world.

Due to negative impact of chemical inputs in farming, organic farming, natural farming etc. along with traditional technology can be a great success story in future farming. However, modern and cutting edge machinery could act as a great support system ensuring timely operation of agricultural activities abetting threats of climate change, soil compaction, invasive pest and insect attacks, desertification etc. Advanced machineries and practices (such as: Zero till fertilizer drill, laser leveler, precision agriculture, geoinformatics, improved storage etc.) can further carry out farming operation with better exactitude enabling more number of crops per year providing more return to the farmers.

Training programme themes

- Traditional Indian knowledge system in rice and groundnut cropping
- Traditional and modern machinery for rice and groundnut crops
- Traditional and modern storage and post-harvest operation systems
- Hands-on session on various machineries



NATIONAL SEMINAR CUM FARMERS' TRAINING PROGRAMME ON "ROLE OF TRADITIONAL INDIAN KNOWLEDGE SYSTEM (IKS) FOR SUSTAINABLE MECHANIZATION IN RICE AND GROUNDNUT CROP"

20-23 February 2025

Organized by

Department of Agricultural Engineering,
Institute of Agriculture, Visva-Bharati (A
Central University), Sriniketan, West Bengal
in Association with
IQAC, Visva-Bharati and Department of
Plant Pathology, Institute of Agriculture,
Visva-Bharati

Venue

Palli Siksha Bhavana (Institute of
Agriculture), Visva-Bharati, Sriniketan

Seminar Themes

- Traditional Indian knowledge system based agriculture
- Status of mechanization in traditional Indian farming system
- Soil & water conservation and climate resilient agriculture
- Traditional and novel technologies in post-harvest processing
- Value addition & supply chain management
- Alternate & renewable energy sources for agriculture
- Traditional knowledge system for fruit and vegetable cropping
- Information technology & automation in agriculture
- Pest & disease identification and monitoring in traditional and modern era
- Traditional Indian knowledge system in animal science and fishery
- Women & rural labourer in agriculture

Abstract format

Abstracts should be 150-250 words, written in *Times New Roman, single spacing, 12 Fonts, Normal* letters. The title should be in *Times New Roman, 14 Fonts, and Bold*. The authors name, affiliation, corresponding email should be in *Times New Roman, 12 Fonts and Normal* letters. The keywords should contain 4-10 words. All the abstracts/full length paper must be sent as an e-mail attachment to swainseminar@gmail.com.

Full paper submission

Selected papers will be published as book chapters in an edited book with ISBN number. The full paper should be limited to 8-12 pages.

Paper Presentation

The mode of presentation (oral/poster) of the paper will be intimated along with the acceptance letter. In special cases, papers can be presented in online mode. Best papers for each session will be felicitated during the seminar.

Registration fees

Participants/delegates	Online	Offline
For students (with Id. Card)	Rs. 1000/-	Rs. 1500/-
For Researchers/ Faculty members:	Rs. 1500/-	Rs. 2500/-
For Industries and others:	Rs. 2000/-	Rs. 3500/-

Seminar registration fee includes, Seminar kit and working lunch for 20 – 21 February, 2025. Accommodation may be arranged on payment basis.

Payment Details

Account name: Visva-Bharati University Project

Project Account no.: 50100195564478

Bank name: HDFC Bank

Branch name: Shivam Complex 1st Floor, Sriniketan Road, Bolpur, Birbhum, W.B.

Important Dates

Last date for abstract submission: 15 February, 2025

Last date for acceptance of abstract: 17 February, 2025

Last date for online registration: 18 February, 2025

Link for registration

<https://docs.google.com/forms/d/e/1FAIpQLSdyXzat57SgghWzoCZTvef9Wyht4azezgQ8nCexsIziPM1jTA/viewform?usp=sharing>

Keynote speakers for National seminar

- **Prof. Rakesh Pandey**, DAAD Fellow, Professor Emeritus AcSIR & CSIR-CIMAP, Lucknow
- **Prof. U.K. Behera**, Director of Education, RPCAU, Pusa, Bihar
- **Dr. Pramod Kumar Panda**, Principal Scientist (Agronomy), ICAR-IIWM, Bhubaneswar
- **Dr. Laxmi Kanta Nayak**, Head & ISAE Fellow, Transfer of Technology Division, NIRJAFT, Kolkata, West Bengal

Resource persons for training programme

- Mr. Anupam Pattanayak, DDM, NABARD, Birbhum, West Bengal
- Dr. Rajib Kundu, Dept. of Agronomy, BCKV, Mohanpur, W.B.
- Dr. Sujit Hensh, Faculty of Agriculture, BCKV, Burdwan Campus, West Bengal
- Dr. Himadri Sekhar Konar, Assistant Professor, Faculty of Technology, UBKV, Cooch Behar, West Bengal
- Dr. Ramyajit Mondal, Assistant Professor, College of Agriculture, SECOT Skills University, Bolpur
- Dr. Saumi Goswami, Assistant Professor, Nuotia University, West Bengal

National advisors

- Prof. Suranjan Panigrahi, Purdue University, West Lafayette, USA
- Dr. S.N. Jha, DDG, Agricultural Engineering, IARI, PUSA, New Delhi
- Prof. Indra Mani, Hon'ble Vice Chancellor, Vasanttrao Naik Marathwada Krishi Vidyapeeth, Parbhani

- Prof. Sujay Rakshit, Director, ICAR- Indian Institute of Agricultural Biotechnology (ICAR-IIAB), Ranchi, Jharkhand
- Prof. S. K. Dash, Dean, College of Agricultural Engineering, OUAT, Bhubaneswar
- Prof. P.S. Chattopadhyay, Professor and Registrar (i/c), BCKV, Mohanpur
- Prof. S.K. Dash, Dean, CAET, OUAT, Bhubaneswar
- Prof. S.N. Naik, Centre for rural technology, IIT Delhi, New Delhi
- Dr. P.K. Sahoo, Division of Agricultural Engineering, IARI, Pusa, New Delhi
- Dr. Rama Chandra Pradhan, Department of Food Processing, NIT Rourkela, Odisha
- Dr. Peeyush Soni, Department of Agricultural and Food Engineering, IIT Kharagpur
- Prof. Prasanna Kumar G.V., NIFTEM, Sonpat, Haryana, India
- Dr. Lala Iswari Prasad Ray, College of PG studies CAU, Umroi Rd, Meghalaya
- Prof. Markendaya Mohapatra, Department of Farm Machinery and Power, CAET, OUAT, Odisha
- Prof. Subrata Karmakar, Faculty of Agricultural Engineering, BCKV, Mohanpur
- Prof. Pradeepta Kumar Sahoo, Faculty of Agricultural Engineering, BCKV, Mohanpur
- Prof. Souti Mukherjee, Faculty of Agricultural Engineering, BCKV, Mohanpur
- Dr. Sabyasachi Mishra, Department of Food Process Engineering, NIT Rourkela, Odisha
- Prof. Debasish Sarkar, Former Professor, Palli Siksha Bhavana, Visva-Bharati, Sriniketan

Local advisors

Institute of Agriculture, Visva-Bharati

Prof. D. Bhattacharya (Agricultural Statistics), Prof. B. C. Roy (Agricultural Economics), Prof. P. C. Kole, (Genetics & Plant Breeding), Prof. H. Chatterjee, (Agricultural Entomology), Prof. G. C. Malik (Agronomy), Prof. S. D. Mukhopadhyay, (Agricultural Extension) Prof. Souvik Ghosh (Agricultural Extension), Prof. G. K Ghosh (Soil Sc. & Agril. Chem), Prof. Buddhadeb Duary (Agronomy), Prof. S. Chakraborty (Horticulture & PHT), Prof. Amitava Paul (Genetics and Plant Breeding), Dr. P. K. Biswas (Soil Sc. & Agril. Chemistry), Dr. J. Mondal, (Horticulture & PHT), Dr. Anindita Saha (Agricultural Extension), Dr. P.P. Ray (PSB Library)

IQAC, Visva-Bharati

Dr. Nimai Chand Saha, Prof. Sujit Kumar Paul, Prof. Amit Kumar Hazra, Prof. Avijit Banerjee.

Local organizing committee

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Hon'ble Vice-Chancellor
Visva-Bharati, Santiniketan

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Dr. Kalipada Pramanik, Vice-Principal, Palli Siksha Bhavana
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Dr. Bholanath Mondal, Assistant Professor, Department of Plant Pathology

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