



IPS North-Eastern Zonal Meet & AAAS National Conference

on

Advances in Innovative Technologies & Plant Health Management Strategies in Climate Resilient Agriculture (AITPCRA)

September 26-27, 2024

Organized by

College of Agriculture, Tripura (CAT)

Indian Phytopathological Society (IPS), New Delhi

Academy for Advancement of Agricultural Sciences (AAAS), Kalyani

In Collaboration with

Society for Advancement of Agricultural Innovation (SAAI), Agartala, Tripura

Directorate of Extension Education (DEE), CAU, Imphal

Call for Registration and Abstract



Venue: College of Agriculture, Tripura (CAT) , Agartala

ABOUT TRIPURA

Tripura a land of beauty which has a unique feature of cultural heritage is one of the seven sister in the North Eastern Region of India and three fourth of its boundary runs neighboring with Bangladesh, it is connected with the main land only by Assam and Mizoram on the North East. The state is covered by picturesque hills and dales; deep green valley's which add beauty to its landscape. Tripura enjoys a typical monsoonal climate with variations ranging from sub-tropical to temperate conditions in hilly areas. The climate of the state is generally hot and humid. The average maximum temperature is 35°C in May-June and the average minimum temperature is 10.5°C in December-January. The monsoon starts generally in the month of June and continues up to September. Summer starts in March and continues up to May which is followed by rainy season extending about three to four months.

ABOUT COLLEGE OF AGRICULTURE, TRIPURA

College of Agriculture, Tripura was established in the year 2007 and is permanently affiliated to the Tripura University (A Central University), Suryamaninagar and accredited by Indian Council of Agricultural Research (ICAR). With a mission to excel in teaching, research and extension programmes in agriculture. It is committed to continuous improvement in the productivity and profitability of agriculture and allied sectors. The College of Agriculture is located at Lembucherra, West Tripura district. The college is situated in the vicinity of the College of Fisheries and ICAR Research Complex for the North Eastern Hill (NEH) Region. It is well connected with roads and around 12 km away from the state capital towards North. The College Campus is 10 km away from the airport.

ABOUT INDIAN PHYTOPATHOLOGICAL SOCIETY (IPS), NEW DELHI

The Indian Phytopathological Society (IPS), established in 1947, is a premier professional society dedicated to plant pathology in India. It promotes research, education, and awareness in the field of plant diseases and their management. IPS organizes annual conferences, publishes the esteemed journal "Indian Phytopathology," and facilitates collaboration among scientists, researchers, and practitioners. The society aims to address challenges in phytopathology, contribute to sustainable agriculture, and ensure food security. By fostering innovation and disseminating knowledge, IPS plays a crucial role in advancing plant health science in India and globally. The Society focuses on the field of Mycology, Plant Pathology, Bacteriology, Virology, giving a platform to the scientists working in the field of plant pathology-related research to share their research achievements.



ABOUT THE ACADEMY FOR ADVANCEMENT OF AGRICULTURAL SCIENCES (AAAS)

The Academy for Advancement of Agricultural Sciences (AAAS) was founded on January 12, 2022 with HQ at Kalyani registered under the West Bengal Societies Registration Act (Reg. No. S0030438-2022-2023). AAAS is a common platform for the biologists to interact with each other for mutual benefit and to further the knowledge on areas of the advancement in agricultural sciences in India with special emphasis given to the economy in marginal farmers in Eastern India with the following mission: To promote and cultivate the recent advances in applied biological sciences; Agriculture, Animal sciences, Aquaculture, Forestry and other disciplines in Agricultural Sciences; facilitate interaction between agricultural scientists for mutual benefits in research, education and transfer of technology to enhance the rural economy, especially for the marginal farmers; promote scientific and technological research related to the problems of societal and agro-industrial welfare; address the important issues like conservation of soil, water, animals, forest, and climate change and environment; To focus more on Biotechnology for enhancement of agricultural improvement; make easy to technology transfer to the marginal farmers and other clients of benefactors, industries performing improvement in agriculture; organize meetings, hold discussions on scientific and technological problems; co-operate with other Indian and International organizations having similar objects by appointing representatives of the Academy to act on.

ABOUT THE CONFERENCE

Innovative technologies helps growers to grow crops in an efficient way with high productivity. Extension functionaries, growers etc. should be aware of Advances in Innovative Technologies in areas of Agriculture, Horticulture, Fisheries and Animal Husbandry. In era of climate change technologies should be climate resilient. Many new and emerging plant diseases are becoming a major concern for farming. Minor diseases are becoming major diseases thus, the Conference on Advances in Innovative Technologies & Plant Health Management Strategies in Climate Resilient Agriculture is need of the moment.

IMPORTANT DATES TO REMEMBER

Abstract submission & Registration (opening date)	: August 08, 2024
Abstract submission (closing date)	: September 17, 2024
Early-Bird Registration (closing date)	: September 17, 2024
Communication about acceptance	: September 20, 2024



THEMES OF THE CONFERENCE

1. **Natural Resource Management (NRM)**

Agro-meteorology, Crop Production, Organic & Natural Farming, Conservation Agriculture, Regenerative Agriculture, Farming System, Weed Management, Nutrient Management, Energy Budget, Soil & Water Conservation, Agronomy, Environmental Science, Fertilizer Chemistry, Micro and Macro Nutrient, Soil Fertility.

2. **Crop Science and Crop Production (CSCP)**

Genetics and Plant Breeding, Plant Genetic Resources, Field Crop Production, Plant Biotechnology, Plant Physiology & Biochemistry, Seed Technology and Post-Harvest Technologies, Agro-Biodiversity, Biological Natural Resource Engineering, Cellular and Molecular Biology, Climate Change, Crop Breeding, Genetics & Genomics, Agri-ecology & Organic Agriculture, Biotechnology.

3. **Crop Protection (CP)**

Agricultural Chemicals, Entomology, Plant Pathology, Nematology, Microbiology and Organic Chemistry, Plant Disease Management, Integrated Pest Management (IPM), Pesticide Management, Genetic Resistance, Biological Control, Bio-pesticide, Crop Health and Nutrition, Climate Change Resilience.

4. **Social Science, Agriculture Economics, and Extension Strategies for Livelihood (SAEL)**

Participatory Extension, Farmer Centered Extension, Good Extension Practices, ITK , its use for Agricultural Development, Rural Economy, Economy in Crop Production & Crop Management.

5. **Entrepreneurship and Rural Development (ERD)**


Agricultural Startups/Rural Entrepreneurship /Women led Entrepreneurship, Good Practices in Entrepreneurship Development, Agro industry Start-ups, Farm Management and Agro-marketing, Agricultural Policies, Agri. Business and Agricultural Extension, Agritourism and Rural Development.

6. **Veterinary, Poultry and Animal Sciences (VPAS)**

Diagnosis, Prevention, Treatment, and Control of Diseases in Animals, Animal Genetics & Breeding, Animal Nutrition, Animal Physiology, Animal Biochemistry and Biotechnology, Animal Production, Animal Reproduction, Animal Health, Animal Products Technology.

7. **Dairy Science, Food Nutrition and Home Science (DFHS)**

Dairy Production and Management, Dairy Processing Technology, Quality Assurance and Food Safety, Dairy Product Development and Innovation, Market and Economic Trends, Trade Agreements, and Food Safety Regulations, Nutrition and Dietetics, Food Safety and Quality Assurance, Community Nutrition and Public Health, Human Development, Textile and Apparel Sciences.



8. Fisheries and Allied Sciences (FS)

Fish Genetics & Breeding, Fish Nutrition, Fish Pathology, Fish Biotechnology, Fish Biosystematics, Fish Processing & Technology, Fisheries Resource Management and Aquaculture, Livestock Production & Management, Poultry, Sericulture.

9. Horticultural Science (HS)

Recent Advances in Scientific Cultivation of Fruits, Vegetables, Flowers, Ornamentals, Spices & Plantation Crops, Medicinal & Aromatic Plants, Tea-Husbandry & its impact on Indian economy, Post Harvest Management & Value Addition of Horticultural crops, Genetics and Plant Breeding, Plant Genetic Resources, Plant Biotechnology, Plant Physiology & Biochemistry, Seed Technology and Post-Harvest Technologies for all Horticultural Crops.

10. Forestry and Forest Management (FFM)

Forest Management, Forest Ecology and Biodiversity, Forest Conservation and Restoration, Forest Policy and Governance, Forest Economics and Resource Valuation, Forest Health and Pest Management, Wildland Fire Management, Forest Technology and Remote Sensing, Climate Change and Forests, Emerging Issues in Precision Agriculture and Forestry, Forest Genetics and Tree Breeding, Forest Protection, Forestry and Agro forestry, Forest Environment, Soil and Water Relations.

11. Agricultural Engineering and Technology (AET)

Farm Machinery & Power, Green Technologies in Sustainable, Soil and Water Engineering, Agricultural Process Engineering, Value Addition and Post-Harvest Technology, Food Technology, Textile Technology and Computer Application in Agriculture.

CALL FOR ABSTRACTS

Abstract (250 words excluding, title, name and affiliation) should be prepared in MS Word, Times New Roman, 12 font size, 1.5 spacing and to be submitted through online mode only. Please contact the Conference Secretariat (ipsnezmeet.nc@gmail.com) if you don't receive confirmation about the receipt of your abstract within 10 days. Abstracts will be printed only after receiving the registration fee. Please underline the name of the presenter and mention the email ID of the presenting author. Authors willing to submit full length research paper or review papers are encouraged to submit their soft copy to innovativefarming15@gmail.com by 05th September, 2024 for publication in the "Innovative Farming " Journal having ISSN No., Google Scholar Citations, CrossRef DOI etc. before conference. Articles must be prepared in accordance with the journal's guidelines. For more detail visit to www.innovativefarming.in.



REGISTRATION FEE

The seminar will be open for registered delegates. The details of the registration fee are given below. The online Registration Form is available on the conference website (<https://conference.ipstdis.org>) for registration and abstract(s) submission. The registration fee can also be paid through cheque in favour of **“Academy for Advancement of Agricultural Sciences” payable at Kalyani, West Bengal.**

Delegate Type	Early Bird Registration	Late Registration
Scientist / Faculty / Govt. officials/ IPS & AAAS members	INR 2500.00	INR 3000.00
Research Scholar	INR 1500.00	INR 1800.00
Student	INR 1000.00	INR 1200.00
Corporate	INR 4000.00	INR 4500.00

The registration fee can also be made via net banking (NEFT):

Name of the Account Holder : **Academy for Advancement of Agricultural Sciences**
 Name of the Bank : Bank of India
 Branch Name : Kalyani, West Bengal-741235
 Account Number : 422210210000010
 RTGS/NEFT/IFS Code : BKID0004222

Transaction copy of Registration Fees must be sent to ipsnezmeet.nc@gmail.com

HOW TO REACH COLLEGE OF AGRICULTURE, TRIPURA

To reach College of Agriculture, Tripura there are several travel options depending on your starting point.

By Air: The nearest airport to College of Agriculture, Tripura is Maharaja Bir Bikram International Airport, Agartala. MBBI Airport (IXA), is about 18 kilometers away. You can hire a taxi or rent a car from the airport to College of Agriculture, Tripura. The journey takes approximately 30 minutes.

By Train: Alternatively, you can take a train from anywhere of India to Agartala via Guwhati or Lamding Junction.

AAAS AWARDS PRESENTATION AND FELICITATION

1. Life Time Achievement Award
2. AAAS Fellowship
3. Associate Fellowships
4. Best Woman Scientist Award
5. Best Scientist Award
6. Young Scientist Award
7. Best Ph.D. and for M.Sc. students-competitive award (The competition will be held during AAAS National Conference at Tripura. Interested candidates should submit their M.Sc./Ph.D. thesis abstract and contact to Secretary, AAAS. Email: academyaaas@gmail.com, Mobile: 9868796694)

IPS AWARD CONTESTS

Prof. M.J. Narasimhan Merit Academic Award (IPS) - Zonal level contest for selection to National level contest

The North-Eastern Zone will organize a contest among the NE zonal members during the Zonal Chapter's Meeting for preliminary selection of contestants. Only two names will be recommended by Zonal President for the final contest to be held during IPS Annual Meeting and National Conference on “**Emerging Issues and Sustainable Strategies in Plant Health Management: A Global Perspective**” at ICAR-Central Citrus Research Institute (ICAR-CCRI), Nagpur during January 19-21, 2025. The age limit for the contestant would be 35 years. The contestant will have to submit their abstract online at conference website: <https://conference.ipsdis.org/north-eastern/tripura>

TO WHOM IT MAY CONCERN

It is to be certified that the paper entitled “.....” presented for Prof. M.J. Narasimhan Merit Academic Award Contest for the year (2024) pertains to the major work done by the candidate (Name of the candidate). It is further certified that the work has not been published and presented for any other award till date and contestant is below the age of 35 years and is a member of the society.

Signature of the student

Guide/Advisor of the student

The Society will publish the paper of awardee in Indian Phytopathology. The award recipient must submit full-length paper (as per IPS guidelines) for its publication in the journal Indian Phytopathology. There is no restriction of the age of co-author, if any.

APS-IPS TRAVEL SPONSORSHIP FOR PH.D. STUDENTS

American Phytopathological Society has offered the travel award to a Ph.D. student, who is member of IPS. Competitions among Ph.D. students in IPS-North Eastern region will be held during the IPS NE Zonal symposium. Ph.D. students (NEZ) are invited to participate in this contest in single or joint authorship. The purpose of the award is to encourage plant pathology students pursuing a doctoral degree in India and who are members of IPS to attend the APS annual meeting or APS sanctioned meeting if deemed appropriate by the Indian Phytopathological Society and APS Foundation Board.

Guidelines

- All contestants should be a member of IPS.
- Abstracts prepared should be submitted online <https://conference.ipsdis.org/north-eastern/tripura> on or before 7th September, 2024.
- The contestants will have to give a brief Bio-data, the certificate furnishing the age proof, and proof of pursuing a Ph.D.
- The award will be given to the best paper presented at the annual meeting of IPS.
- In-service candidates are not eligible for the APS travel award.

BEST ORAL / POSTER PRESENTATION AWARD

Best Oral / Poster Presentation award will be given in each session.

TOURIST PLACES TO EXPLORE

Top picks in Tripura

Ujjyanta Palace: The Ujjyanta Palace situated in Agartala is known as former Royal Palace of the Princely state of Tripura. This exotic Palace is existing with several Hindu temples dedicated to the deities, Lakshmi Narayan, Uma-Maheshwara, Durga and Jagannath. It is the state museum of Tripura has a huge library. The place catches attention because of its grandeur.

Matabari, Tripureswari Temple, Udaipur: This Matabari Pithasthan is also known as Kurma Pith because the shape of the temple premises resembles that of "Kurma" namely tortoise. The temple structure appears to be a modified Buddhist Stupa at the first look. The temple faces the west and the main entrance of the temple is also in the west though there is a narrow entrance in the north.

Neermahal: This is one among top eye-catching North East India travel destinations. It stands in the middle of the Rudrasagar Lake and this architectural beauty rightly derives its name which means Water Palace. The surrounding lawns and flower beds add to the beauty of the place. The light and sound show is held here every evening.

Sepahijala Wildlife Sanctuary: This place is not just a wildlife sanctuary but also an academic and research centre. Various lakes are present within the sanctuary, where boating facility is available.

Unakoti: Famously known as Angkor Wat of the North-East is a sculptural emblem and ancient Shaivite place that hosts rock carvings, figures and images of gods and goddesses. It is a place of worship with huge rock reliefs celebrating Shiva. Unakoti literally means "one less than one crore" or "koti" in Hindi.



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