



**National Symposium on  
Plant Health Management:  
Current Trends and Novel Mitigation Strategies  
11-12 September 2023**

**Organized by  
Indian Phytopathological Society (Southern Zone Chapter)  
ICAR- Central Tuber Crops Research Institute**



**Venue: ICAR-Central Tuber Crops Research Institute,  
Sreekariyam, Thiruvananthapuram-695 017, Kerala, India**

**LAST DATE OF REGISTRATION: 11 AUGUST 2023**

## **INVITATION**

ICAR-CTCRI and Indian Phytopathological Society jointly organize a “National symposium on Plant Health Management: Current Trends and Novel Mitigation Strategies” at ICAR- CTCRI, Thiruvananthapuram, Kerala during 11-12 September 2023. On behalf of the Organizing Committee, we cordially invite all members of the Society, researchers, students, progressive farmers, government officials and policy makers to participate in this important symposium. We assure that the forum will provide an excellent opportunity to the participants for productive scientific deliberations and interactions.

## **ABOUT THE INSTITUTE**

ICAR-Central Tuber Crops Research Institute is the only research organization in the world dedicated solely to the research on tropical tuber crops (cassava, sweet potato, yams, aroids and other minor tuber crops). The Institute established in 1963 with its headquarters at Thiruvananthapuram, Kerala has grown over the years into a premier research organization of international repute and currently celebrating Diamond Jubilee. The headquarters of ICAR-CTCRI is located at Sreekariyam, 12 km away from Airport and 10 km from Railway Station/and Bus Terminal of Thiruvananthapuram, the capital city of Kerala State and has an area of 48.19 ha. Six decades of concerted research has led to the development of several production, protection and processing technologies for tuber crops besides release of 71 improved varieties. The target group of most of the technologies being marginal and resource poor farmers, adequate emphasis is also given for on-farm evaluation and popularisation of the technologies.

Plant pathology work was initiated almost 55 years ago at this Institute. Several achievements have been made by the scientists of the Institute across time span with respect to identification and characterisation of pathogens, disease diagnosis, and management strategies of tuber crops diseases.

## **ABOUT THIRUVANANTHAPURAM**

Thiruvananthapuram, also known as Trivandrum, is the capital of the Indian state of Kerala and the headquarters of the Thiruvananthapuram District. It is located on the west coast of India near the extreme south of the mainland. The city is characterized by its undulating terrain of low coastal hills and busy commercial alleys. It is also considered as one of the ten greenest cities in India. For further details about the city, please visit

<http://en.wikipedia.org/wiki/Thiruvananthapuram>

## **ABOUT INDIAN PHYTOPATHOLOGICAL SOCIETY**

IPS, a professional forum for promoting the science of Phytopathology is the third largest society of plant pathologists in the world. The Society was established on February 28, 1947 at Division of Mycology and Plant Pathology (Now Division of Plant Pathology), Indian Agricultural Research Institute, New Delhi. The Society focuses on the fields of Mycology, Plant Pathology, Bacteriology, Virology, Phytoplasmology and Nematology. It provides a unique platform to the scientists working in the field of plant pathological related research to share their research achievements. It also updates various activities related to the development of plant pathology and about the members of the Society. It provides a platform for collaboration of symposia and seminars on plant pathology. The society membership

stands above 2500 spread over more than 50 countries. The members include research scientists, extension professionals, students, technicians, agricultural field representatives and pest management personnel.

## **ABOUT THE SYMPOSIUM**

The pathogenic phase of an organism is only one aspect of a plant–microbe communication that should always be accounted by spatial and temporal parameters. Plant pathology shares an interface with all disciplines in agricultural and environmental sciences. A paradigm shift is needed to view pathogens and diseases as components of ecosystems, including farming systems, and to describe their epidemiology and management with more precision. All these interactions fall within the broad term of systems biology where understanding the interactions among components is crucial. However, the challenge is how to bring together the detailed molecular and the whole crop systems in practice. This can only be achieved by a multi-disciplinary approach. This symposium aims to act as a forum for communication of research findings related to all the issues, from the molecular and ecological interactions among plants, pathogens, other microbes, and vectors, to etiology and epidemiology of disease in field populations and diverse landscapes.

## **THEMES**

- Role of beneficial microbes in plant health management (PHM) status and future avenues
- Role of diagnostics in PHM
- Innovative approaches in PHM
- Climate resilient agriculture and disease forecasting
- Emerging areas in plant pathology

## **PROF. M.J. NARASIMHAN MERIT ACADEMIC AWARD:**

The contest for Prof. M.J. Narsimhan Academic Merit Award is open to all members of IPS under 35 years of age (Proof of age & certificate from the guide / Supervisor to be enclosed). All interested should send their abstracts (not exceeding 200 words) of their bonafide research work / paper to the Organizing Secretary before the last date of submission by email to southzoneips2023@gmail.com. The abstracts will be evaluated by a preliminary screening committee and selected persons will be allowed oral presentation in the symposium. For terms and conditions, please visit [www.ipsdis.org](http://www.ipsdis.org).

## **APS TRAVEL SPONSORSHIP FOR Ph.D STUDENTS**

The American Phytopathological Society (APS), USA, has instituted Travel Sponsorship for Ph. D Students. The purpose of this award is to encourage plant pathology students who are members of IPS and currently pursuing a doctoral degree in India to attend the APS Annual Meeting or other APS sanctioned meeting if deemed appropriate by the Indian Phytopathology Society and APS Foundation Board. The award has been established with contributions from Plant Pathologists of Indian origin. Students from best performers will compete at the zonal competitions in India, and the awardee will be chosen from the top student presenters at these zonal competitions. It will reimburse the awardee for return airfare from India to the meeting venue, accommodation, and incidentals. The awardee is expected to bear the cost of registration.

## **BEST ORAL AND POSTER PRESENTATION AWARDS**

Three best oral and poster presentations by young scientists and students will be given prizes.

### **ABSTRACT SUBMISSION**

Abstracts of the papers related to the thematic areas of the symposium are invited for oral and poster presentations. Abstract typed in single space with maximum of 250 words excluding title, authors, address and email id on A4 size paper as hard copy and a soft copy in Microsoft word file. The abstract should be submitted online or mailed to the Organizing secretary (email: southzoneips2023@gmail.com), so as to reach on or before 11<sup>th</sup> August 2023. The abstract need to be prepared strictly following the style of the journal “Indian Phytopathology”. Acceptance of the abstract will be intimated within two weeks of submission; however, the registration of concern author is mandatory to include abstract in Souvenir. A maximum of three abstracts from a person as a first author will be accepted for the publication and presentation.

Posters will have a size of 90 (W) X 120 (H) cm. Each poster should contain the title, author(s) and affiliation followed by a brief introduction, objectives, methodology, results, conclusion and references.

### **POINTS TO BE NOTED BEFORE SUBMISSION OF THE ABSTRACTS**

Submission of abstract will not ensure automatic acceptance. Contents of the abstracts will be edited as per the requirement. Abstract should be based on the recent work done by authors. Selection of an abstract for oral / poster presentation will be decided by the committee. Abstracts accompanied with registration form and fees will be appreciated.

### **REGISTRATION**

Registered delegates are entitled to attend inaugural session, scientific sessions, lunch, dinner and other refreshments and are also entitled to receive symposium kit.

#### **Registration Fee**

Member, IPS	:	₹ 5000.00 + ₹ 900 (GST@18%)
Non-Member	:	₹ 5500.00 + ₹ 990 (GST@18%)
Students (Proof to be submitted)	:	₹ 2000.00 + ₹ 360 (GST@18%)
Accompanying persons	:	₹ 2000.00 + ₹ 360 (GST@18%)

### **BANK DETAILS FOR RTGS/ONLINE TRANSFER**

Beneficiary Name	:	Indian Phytopathological Society (South Zone)
Bank Name	:	State Bank of India
Account Number	:	42084130531
Bank Address	:	Kallampally Junction, Sreekariyam
IFSC Code	:	SBIN0070288

The details are available on ICAR-CTCRI website: <https://www.ctcri.org> and IPS, New Delhi website : <https://www.ipstdis.org>.

## ACCOMMODATION & TRANSPORT

The organisers will make all efforts to make the stay of delegates comfortable. The Thiruvananthapuram city has several hotels offering single/double room accommodation. Accommodation will be booked on request (Registration form) and advance payment of one day room rent as follows:

### Approx. Hotel Tariffs (₹) per day :

Double Bed (Deluxe, A/C) : 3000-4000

Double Bed (A/C) : 2000-3000

Double Bed (Non A/C) : 1500-2000

The participants are expected to make their own arrangements for to and fro journey. Local transports would be arranged for the registered delegates

**Kindly send the duly filled in registration form along with registration fee to:**

**Dr. T. Makesh Kumar**

**Organizing Secretary**

**ICAR-Central Tuber Crops Research Institute, Sreekariyam,**

**Thiruvananthapuram 695 017, Kerala, India**

**Email: southzoneips2023@gmail.com**

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### Registration and Accommodation Form

Name :

Designation :

Address :

Mobile :

Fax :

Email :

Registration fee :

Number of accompanying persons with details :

Mode, amount and date of payment :

Title of Paper/Abstract :

Travel plan: Date and mode of Arrival :

Date and mode of Departure :

Send the copy of proof regarding online transfer of money

Accommodation required : Yes/No

Please mark your preference : Single/Double occupancy

Preferred Tariff :

Date :

Signature

Place:

## ORGANIZING COMMITTEE

Patron:	<b>Dr. Himanshu Pathak</b> Director General, ICAR and Secretary, DARE, New Delhi
Co-Patrons:	<b>Dr. Tilak Raj Sharma</b> Deputy Director General (Crop Science & Horticultural Science) ICAR, New Delhi
	<b>Dr. S.C. Dubey</b> Assistant Director General (Plant Protection & Biosafety), ICAR New Delhi
Chair Person:	<b>Dr. G. Byju</b> Director, ICAR- CTCRI
Organizing Secretary:	<b>Dr. T. Makesh Kumar</b> Head, Division of Crop Protection & President South Zone -IPS
Co-Organizing Secretary:	<b>Dr. S.S. Veena</b> Principal Scientist, Division of Crop Protection & Councillor, South Zone-IPS

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### Organising Committee

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Dr. S. Karthikeyan  
Dr. K.N. Anith  
Dr. Radhkrishnan. N.V

## INDIAN PHYTOPATHOLOGICAL SOCIETY EXECUTIVE COUNCIL

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President – Elect: Dr. D.K. Ghosh	Treasurer: Dr. Malkhan Singh Gurjar
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