



International Phytoplasma-Associated Working Group Workshop and Training Course

Multidisciplinary Approaches Toward Phytoplasma-Associated
Diseases Detection and Management

ICAR–Indian Institute of Sugarcane Research
Lucknow, India • February 23–28, 2025



 meetings.ipwgn.net.org/ipwg2025

 ipwg2025.india@gmail.com

Second Circular

IPWG2025 Workshop

February 25-28, 2025



INFORMATION

The IPWG2025 workshop is focused on innovative control methods of phytoplasma associated diseases under climate change, emphasizing the situation in tropical and subtropical areas. It will take place from **25 to 28 February 2025 at ICAR - Indian Institute of Sugarcane Research - Lucknow**, the capital of Uttar Pradesh region, located at about 4.8 km from Lucknow Railway Station (Charbagh), 8 km from Alambagh Bus Station, and 12 km from Chaudhary Charan Singh International Airport Lucknow

VISA

The organizers will assist in issues visas by sending invitation letters to the participants, please refer to the IPWG2025 secretariat at the e-mail: ipwg2025.india@gmail.com

For more information about visa in each country you can visit: <https://indianvisaonline.gov.in/>

LANGUAGE

The official language of the workshop is **English**

SCIENTIFIC COMMITTEE

Abdullah Al-Sadi – Oman
Khalid Alhudaib – Saudi Arabia
Yaima Arocha Rosete – Canada
Assunta Bertaccini – Italy
Sandrine Eveillard – France
Nicola Fiore – Chile
Barbara Jarausch – Germany
Wolfgang Jarausch – Germany
Lia Liefing – New Zealand
Kenro Oshima – Japan
Govind P. Rao – India
Rakefet Sharon – Israel
Valeria Trivellone – USA
Wei Wei – USA

When

February 25-28
2025

Where

ICAR-Indian Institute of Sugarcane Research (IISR)
Raebareli Road, Lucknow, Uttar Pradesh, India

Contacts

Web: meetings.ipwgnetwork.org/ipwg2025
E-mail: ipwg2025.india@gmail.com
Phone: +91 9711763384





Call for Abstracts

ABSTRACTS

Extended abstracts (maximum 2 printed pages including photos and tables) are required for presentations and **will be published in the June 2025 issue, Volume 15(1), of Phytopathogenic Mollicutes journal**

All the abstracts will be reviewed by the IPWG Scientific Committee and must be formatted using the word template available [here](#) and following the guidelines that can be found as .pdf [here](#). Everything is available also in the "[Abstracts](#)" page of the IPWG2025 website

TOPICS

- New tools for phytoplasma detection
- Epidemiology and control of phytoplasma-associated diseases
- Phytoplasma-plant-insect vector interactions
- Integrated disease management and diseases of quarantine importance
- Omics based research
- Country status of phytoplasma diseases
- Phytoplasma diseases of palm trees
- Phytoplasma diseases of sugar crops
- Phytoplasma diseases of citrus crops

TYPE OF PRESENTATIONS

Abstracts can be presented as **Extended Oral, Short Oral, Poster** (also shortly presented as oral). The final decision on the presentation type will be taken by the IPWG 2025 Scientific Committee that reserves the right to re-categorize the abstract

ABSTRACTS MUST BE SUBMITTED ONLINE

Please follow the instructions and the template that you can find at the link below meetings.ipwgn.net.org/ipwg2025abstracts

Abstract submission deadline
October 31st, 2024

ACCEPTANCE NOTIFICATION

The notification of abstract acceptance and the type of presentation assigned will be sent by e-mail to the corresponding author before December 15th, 2025. Abstracts for which no registration fees are received for at least one of the authors before January 15th, 2025 will not be printed in the abstracts book and will only be evaluated as poster to be displayed on site



Workshop Registration

REGISTRATION

All participants are requested to **register to the workshop filling the .pdf registration form available in the IPWG2025 website and send it to ipwg2025.india@gmail.com**; for the fee payment please see the next page. The deadlines refers to the date of the payment of the registration fee. Large groups of participants from the same institution can contact the workshop secretariat (ipwg2025.india@gmail.com) for reduced fees

IPWG2025 workshop registration fees		Early fee before December 1 st , 2024	Regular fee before January 31 st , 2025	On site fee
Delegates	International	USD 350	USD 400	USD 450
	Low and lower middle income countries*	USD 250	USD 300	USD 350
	Indian	INR 7,000	INR 8,000	INR 10,000
Students/RAs/ MSc/PhDs	International	USD 200	USD 250	USD 300
	Low and lower middle income countries*	USD 150	USD 175	USD 200
	Indian	INR 4,000	INR 5,000	INR 7,000
Corporate	USD 750 (INR 30,000)	USD 800 (INR 40,000)	USD 1,000 (INR 50,000)	
Accompanying person	USD 100	USD 150	USD 200	

* The list of low and lower middle countries (source www.worldbank.org) is available at the following link: https://ipwgnet.org/doc/IPWG2025/List_of_LIC&LMIC2024.pdf

Students/Research scholars/Research Associates in Education Institutions should submit an eligibility document duly endorsed by the Head of the Department accompanied by a photocopy of the ID Card

Early registration deadline
December 1st, 2024

REGISTRATION FEE INCLUDES

- Participation to all the scientific sessions
- Lunches and coffee breaks
- Welcome reception
- Social dinner and field trip
- Abstract book - Phytopathogenic Mollicutes 15(1), 2025
- Program and workshop-related material
- Daily transportation at scheduled times from and to hotels in the list (see accomodation page)

The accompanying person fee includes field trip, social dinner, welcome reception and related transportation



Registration Payment

PAYMENT OF THE REGISTRATION FEE

Payment of the registration fee for the workshop and/or training course can be made either by BANK TRANSFER or by UPI TRANSFER

BANK TRANSFER: the delegates are requested to transfer the exact amount of registration fee (bank transfer/ handling charges should be paid separately by the delegates) to the conference account given below. Please ensure that your Name and Surname or Institution/Company and the words "IPWG2025-Registration" appear in your bank transfer order. A copy of the payment made must be sent by e-mail to: ipwg2025.india@gmail.com

Bank name: **State Bank of India**

Bank address: **IISR Campus, Raebareli Road, Lucknow
226002, Uttar Pradesh, India**

Account name: **IPWG 2025** IFSC code: **SBIN0010343**

Account No.: **43053164388** SWIFT code: **SBININBB157**

UPI TRANSFER: direct payment can be made by scanning with your phone the following QRcode via BHIM UPI enabled app (only available for Indians)



Confirmation of registration: the registration will only be valid upon the receipt of the full payment by the organizing secretariat office according to the deadlines indicated

The confirmation of the registration will be sent only after the reception of the correct amount in the indicated bank

Cancellation policy: cancellations must be electronically mailed to ipwg2025.india@gmail.com

- Cancellations received before December 31st, 2024: full refund (minus 40 USD handling fee or 1000 INR for indian participants)
- Cancellations received between January 1st and January 31st, 2025: 50% refund
- After January 31st, 2025: no refund



IPWG2025 Training Course

February 23-24, 2025

Application deadline

October 31st, 2024

Target audience: individuals at the beginning or early stages of their career or those who like to be informed about new developments in the research on phytoplasmas and insect vectors. The individual can be at the undergraduate, graduate or post-graduate level

Maximum number of participants: 50

The payment of the registration fees can be made with the same methods of the workshop (see the page before) only after you will have received the confirmation that you were selected to participate to the IPWG 2025 Training Course

Those who desire to attend both the workshop and the training course must fill the [registration form \(.pdf\)](#) available in the website and send it to ipwg2025.india@gmail.com A single payment with the sum of the 2 registration fees can be done

INFORMATION

The IPWG2025 training course will take place **from 23 to 24 February 2025** at the facilities of the ICAR-Indian institute of sugarcane Research, Lucknow. The trainees accommodation will be arranged in hostels and guest houses at minimum cost. For more information please contact the organizers at ipwg2025.india@gmail.com After the end of the course, in the morning of February 25th, 2025 training certificates will be awarded to the participants

APPLICATION

The applicant must provide an updated CV and a motivation letter (max. 1 page) to be sent by email to ipwg2025@gmail.com before October 31st, 2024. The participants will be selected among the applications received within the deadline by the decision of the Scientific Committee

IPWG2025 training course fees	Early fee before December 1 st , 2024	Regular fee before January 31 st , 2025
International participants	USD 120	USD 150
Participants from low and lower middle income countries*	USD 80	USD 100
Indian participants	INR 5,000	INR 6,000

* List of low and lower middle countries (source www.worldbank.org) is available at: https://ipwgnet.org/doc/IPWG2025/List_of_LIC&LMIC2024.pdf

REGISTRATION FEE INCLUDES

- Access to all the scheduled activities
- Laboratories and practical sessions
- Lunches, coffees and drinks
- Certificates of attendance



IPWG2025 Training Course

February 23-24, 2025

GENERAL DESCRIPTION OF THE ACTIVITIES

Phytoplasma outbreaks: collect, preserve, identify phytoplasmas and their insect vectors

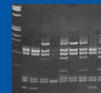
The attendees will be trained in cutting-edge approaches from collection to characterization of phytoplasmas in symptomatic plants and their insect (putative) vectors, interpreting the data and discussing potential risks of outbreaks and solutions



Phytoplasmas in agroecosystems

Assunta Bertaccini

Phytoplasmas, plant diseases and insect vectors in some agroecosystems selected in collaboration with local scientists. The presentation will include economic importance of the selected diseases and their impact, description of symptoms, surveillance, and management. Overview of the objectives of the training program



Characterization of phytoplasmas

Wei Wei and Alan Zamorano

Gene cloning, sequencing process and sequence submission; bioinformatics tool. Main software used to analyze the DNA Sanger sequences obtained from both phytoplasmas and insect vectors



Recommendations - Mitigation

Assunta Bertaccini and Govind Pratap Rao

Updated guidelines for phytoplasma identification. The trainees will be divided in working groups and provided with a real case scenario. Using the tools and the information acquired during the training, recommendations about how to manage a phytoplasma outbreaks in a specific crop will be designed and reported to the whole group

During the course different international and local experts will support the listed trainers on the diverse topics sharing their specific expertise



Identification of phytoplasmas and their vectors

Barbara Jarausch and Valeria Trivellone

Overview of morphological and molecular identification of insect vectors, evolutionary and ecological characterization of main lineages of known and potential vectors, epidemiology. Basics approaches of molecular and/or morphological identification of phytoplasmas and their insect vectors (nested PCR, qPCR LAMP)



Preliminary Schedule

	Sunday February 23 rd	Monday February 24 th	Tuesday February 25 th	Wednesday February 26 th	Thursday February 27 th	Friday February 28 th
Morning	Training course	Training course	Training certificate awards & Workshop registration	Workshop	Workshop	Workshop
			Opening			
	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon	Training course	Training course	Workshop	Field trip	Workshop	Workshop
Evening		Welcome dinner & Workshop registration		Social dinner		

IPWG2025 TIMELINE

Abstract submission & Training application



Oct 31st, 2024



Early registration fee deadline

Dec 1st, 2024

Abstract notification



Dec 15th, 2024

Regular registration fee deadline

Jan 31st, 2025



IPWG2025 Training Course

Feb 23rd, 2025



Feb 25th, 2025

IPWG2025 Workshop



Accommodation

IPWG organizers will provide a bus transportation service from the hotels in the list below to and from the workshop place at scheduled times. The below hotels will provide special room rates only to the IPWG 2025 participants who should reserve rooms by their own contacting the hotels and indicating their attendance to the IPWG 2025. Please note that the organizers are not responsible for hotel reservations and that just a limited number of rooms is available for each hotel. Very limited rooms are available also in the IISR guest house on payment basis. Delegates may contact the [organizing secretariat](#) for room availability

Hotel	Price per night (GST of 18% not included)			Address	Contacts
	Room	Single	Double		
The Piccadily* (6.0 km from the workshop)	Executive	INR 5,500 (USD 66)*	INR 6,250 (USD 75)*	Piccadily Holiday Resorts Ltd. Kanpur Rd, Lucknow	Abhijeet Raizada +91 92353 56028 sales3@piccadilylucknow.co.in
	Superior	INR 4,500 (USD 54)*	INR 5,250 (USD 63)*		
Golden Tulip* (5.5 km from the workshop)	Club	INR 4,500 (USD 54)*	INR 5,500 (USD 66)*	6 Station Road, Udaiganj Charbagh,	ZM Zaidi +91 9044095013 sales1@goldentuliplucknow.com
Pinnacle Clarks Collection (5.5 km from the workshop)	Deluxe	INR 3,200	INR 3,800	Power House Square, LDA, Kanpur Road	Prayank Singh, GM +91 7235000499; 9451257986 gm.pinnaclelko@theclickhotels.com
	Executive Suite	INR 4,200 INR 5,000	INR 4,600		
Samada (2.5 km from the workshop)	Deluxe	INR 2,500	INR 2,800	Ruchi Khand-2, Sharda Nagar Yojna	Prakash Dubey info@samada.in
	Executive	INR 3,000	INR 3,500		
	Suite	INR 4,000	INR 4,500		
Hotel Emperio Grand & Banquet Hall (4.9 km from the workshop)	Deluxe	INR 3,000 [Double]	INR 3,700 [Triple]	16, Kanpur Rd, Sector B, Bargawan, LDA Colony, Near Phoenix Mall, Lucknow	Mr Shivam Gupta +91 8574400640 Miss Shivangi Arora +91 7408004111 emperiograndlucknow@gmail.com
	S. Deluxe	INR 3,500 [Double]	INR 4,200 [Triple]		
Shakuntala Palace (5.7 km from the workshop)	Executive	INR 2,100	INR 2,400	16 Station Road, Near CMS, Charbagh Opposite Hyundai Showroom	Neeraj Singh +91 8299052119 +91 8172947730
	Premium	INR 2,500	INR 3,000		
Sky Hilton Inn (2.0 km from the workshop)	S. Deluxe	INR 2,600	INR 3,000	Sector B, Bargawan, LDA Colony	+91 7080888807; 8896823959 reservation@skyhilton.co.in
	Sweet Room	INR 1,800			



Organizing Committees

Patron

Dr. T. R. Sharma, DDG (Crop Science), ICAR, New Delhi

Convener

Dr. R. Viswanathan, Director, ICAR-IISR, Lucknow, India

Organizing Secretary

Dr. Govind P. Rao, ICAR-IARI, New Delhi, India

Dr. Prasanta K. Dash, ADG (CC), ICAR, New Delhi

Co-organizing Secretaries

Dr. Dinesh Singh, Project Co-ordinator, ICAR-IISR, Lucknow

Dr. Dinesh Singh, Head, Division Crop Protection, ICAR-IISR Lucknow

International Advisory Committee

Prof. Dr. Assunta Bertaccini, University of Bologna, Italy

Dr. ANW Sumedha Thusari, Ua Walawe, Sri Lanka

Prof. Dr. Nicola Fiore, University of Chile, Santiago, Chile

Dr. Yaima Arocha Rosete, Sporometrics, Toronto, Canada

Prof. Dr. Helena Guglielmi Montano, Federal Rural University, Brazil

Dr. Mehdi Azadvar, Agricultural Res. Centre, Jiroft, Iran

Prof. Dr. Kenro Oshima, Hosei University, Japan

Dr. Kadriye Cagalyan, Mustafa Kemal University, Turkey

Dr. Yunfeng Wu, Northwest A&F University, Yangling, P.R. China

Dr. Yaser Hassan Dewir, King Saud University, Riyadh, Saudi Arabia

Dr. Yupa Hanboonsong, Khon Kaen University, Thailand

Dr. Nguyen Bao Quoc, Nong Lam University, Vietnam

National Advisory Committee

Prof. S.M. Paul Khurana, Gurugram

Prof. V.K. Baranwal, ICAR-IARI, New Delhi

Dr. S.N. Sushil, ICAR-NBAIR, Bengaluru

Dr. Dilip Ghosh, ICAR-CCRI, Nagpur

Dr. M.S. Saharan, ICAR-IARI, New Delhi

Dr. Vinayaka Hegde, CPCRI, Kasargod

Dr. Amit Yadav, NCCS, Pune

Dr. Celia Chalam, NBPGR, New Delhi

Prof. Suman Lakanpaul, Delhi University, Delhi

Dr. M. Kochu Babu, Kerala

Dr. K. Vemana, SV University, Tirupati

Dr. R. Manimekalai, ICAR-SBI, Coimbatore

Prof. Manoj Kalita, AAU, Assam

Members

Dr. Arun Baitha, IISR, Lucknow

Dr. A.K. Mall, IISR, Lucknow

Prof. Sushil Kumar Singh, NDUAT, Ayodhya

Dr. K. Prabha, ICAR-Directorate of Floriculture Research, Pune

Dr. Ajay Kumar Tiwari, UPCSR, Shahjahanpur

Dr. Sajad Nabi, ICAR-CITH, Srinagar

Dr. Susheel Kumar Sharma, ICAR-IARI, New Delhi

Dr. A.K. Singh, SKUAT, Chatta, Jammu

Dr. K. Nithya, ICAR-SBI, Coimbatore

Dr. A. Sajeenamanjima, KAU, Kerala

Dr. Chandramani Raj, ICAR-IISR, Lucknow

Dr. Shweta Singh, ICAR-IISR, Lucknow

Dr. Rahul Kumar Tiwari, ICAR-IISR, Lucknow

Dr. S.K. Yadav, ICAR-IISR, Lucknow

Dr. Manoj Kumar Srivastava, IISR, Lucknow

Dr. Smriti Mall, DDU GKP University, Gorakhpur

Dr. Kartar Singh, NBPGR-NRC Seed Spices, Ajmer

Dr. Manish Kumar, Agriculture University, Jodhpur

Dr. M. Gurivi Reddy, ANGRAU, Tirupati

Dr. Hemavati Ranebennur, ICAR-IARI, New Delhi

Dr. Shivani Gupta, ICAR-IARI, New Delhi

Ms. Surabhi Mitra, SMH University of Agric., Tech. & Sci., Prayagraj

Mr. Fabio Montanari, IPWVG



About incredible India

POST MEETING TOUR After the workshop an optional tour to Agra, the city of the Taj Mahal, one of the seven wonders of the world, will be organized according to the individual requests if the minimum of 30 participants will be reached. For more information please contact: ipwg2025.india@gmail.com

WEATHER February is dry and sunny throughout India, making it an excellent time of the year to visit India. In Lucknow at the end of February the temperature usually ranges from approximately 16°C to 28°C, pleasantly warm with a gentle breeze and no or little rain expected making it the ideal period to visit this city and Uttar Pradesh region

CURRENCY The Indian rupee (INR) is the official currency of the Country; currently USD 1.00 = INR 84 (indicatively). The delegates can convert currency at the airport or inside banks and hotels (avoid unauthorized money changers). Most restaurants and bars will accept Visa and Mastercard and travelers are also allowed to make payments using UPI (India's United Payments Interface), and several companies, including Wise and Revolut, offer travel cards that will work in India with lower transaction fees

LANGUAGE The Indian constitution recognizes 22 official languages; Hindi is the official language of the central government in India along with English

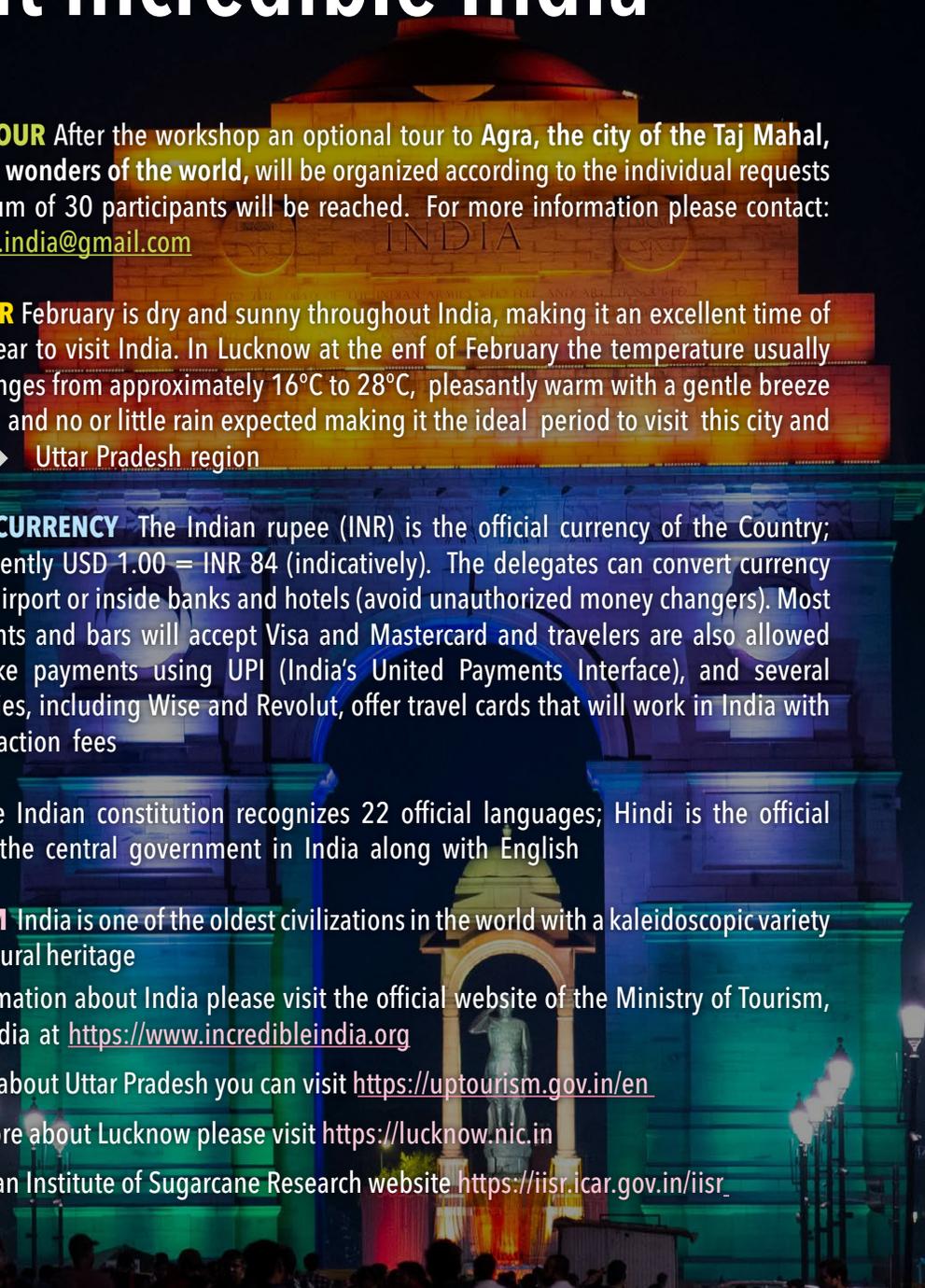
TOURISM India is one of the oldest civilizations in the world with a kaleidoscopic variety and rich cultural heritage

For more information about India please visit the official website of the Ministry of Tourism, Government of India at <https://www.incredibleindia.org>

For information about Uttar Pradesh you can visit <https://uptourism.gov.in/en>

To know more about Lucknow please visit <https://lucknow.nic.in>

ICAR - Indian Institute of Sugarcane Research website <https://iisr.icar.gov.in/iisr>





Sponsorship

Find the most suitable sponsorship option for your brand and become a part of the biggest event on Phytoplasma Diseases in Agricultural crops. If you are interested to support our event please contact the [organizing secretariat](#)

DIAMOND SPONSOR

Sponsorship amount: Rs. 5.00 lakhs (USD 5,000)

Benefits: • Three complimentary registrations. • One full page color advertisements in the souvenir book. • Logo and Sponsor's Name on the conference website. • Logo on the printed materials (Signages, Main Stage Backdrop, etc.) as diamond sponsor. • Right to add promotional materials (to be provided by the sponsor) to delegate bags. • Recognition as diamond sponsor at inaugural and valedictory function

SILVER SPONSOR

Sponsorship amount: Rs. 2.00 lakhs (USD 2,500)

Benefits: • One complimentary registration. • One half page colour advertisement in the souvenir book. • Logo and Sponsor's Name on the conference website. • Logo on the printed materials (Signages, Main Stage Backdrop, etc.) as silver sponsor. • Right to add promotional brochure/ pamphlet (to be provided by the sponsor) to delegate bags. • Recognition as silver sponsor at valedictory function

ADVERTISEMENT IN SOUVENIR BOOK / TECHNICAL PROGRAMME

Sponsorship amount: Rs 50,000.00 back page; inner cover pages Rs 30,000.00; one full page colour Rs 20,000.00

GOLD SPONSOR

Sponsorship amount: Rs. 3.00 lakhs (USD 3,500)

Benefits: • Two complimentary registrations. • One full page colour advertisement in the souvenir book. • Logo and Sponsor's Name on the conference website. • Logo on the printed materials (Signages, Main Stage Backdrop, etc.) as gold sponsor. • Right to add promotional materials (to be provided by the sponsor) to delegate bags. • Recognition as gold sponsor at inaugural and valedictory function

BRONZE SPONSOR

Sponsorship amount: Rs. 1.00 lakh each (USD 1,500)

Benefits: • Half page colour page advertisement in the souvenir book. • Logo and Sponsor's Name on the conference website. • Recognition as bronze sponsor at valedictory function

LUNCH/ DINNER SPONSOR

Sponsorship amount: Lunch: 200,000 INR;
Regular Dinner 300,000 INR; Gala Dinner 500,000 INR

Convenor Benefits: • One complimentary registration for each sponsor. • Logo and Sponsor's Name on the conference website. • Recognition as distinguished sponsor at inaugural and valedictory function. • Right to put standee mounted 2 flex banners (to be provided by the sponsor) inside the food court area





Organizing secretariat contacts

Dr. Govind Pratap Rao

ICAR-Emeritus Scientist (Crop Protection)
Division of Plant Pathology
Indian Agricultural Research Institute
Pusa Campus, New Delhi 110012, India

Phone: +91 9711763384

E-mail: ipwg2025.india@gmail.com

Dr. Rasappa Viswanathan

Director ICAR - Indian Institute of
Sugarcane Research, Raebareli Road
P.O. Dilkusha, Lucknow 226002, India

Phone: +91 5222480726

Fax: +91 5222480738

E-mail: r.viswanathan@icar.gov.in

Scientific contact

Prof. Dr. Assunta Bertaccini

Plant Pathology Professor
Alma Mater Studiorum
University of Bologna, Italy

Phone: +39 051712510

E-mail: assunta.bertaccini@unibo.it



www.ipwgnet.org



IPWG 2025 Workshop & Training Course

ICAR - Indian Institute of Sugar Cane Research
Lucknow, India • February 23-28, 2025

Web: <https://meetings.ipwgnet.org/ipwg2025>

E-mail: ipwg2025.india@gmail.com

Phone: +91 9711763384