

# National Conference on Emerging Issues and Sustainable Strategies in Plant Health Management : A Global Perspective

19-21 January, 2025  
Nagpur, Maharashtra, India

Jointly organized by



Indian Phytopathological Society  
New Delhi



ICAR-Central Citrus Research Institute  
Nagpur, Maharashtra

In collaboration with



ICAR-Central Institute for Cotton Research  
Nagpur, Maharashtra



Asian PGPR Society for Sustainable  
Agriculture, India Chapter



Association of Plant Pathologists  
Akola, Maharashtra

## Conference Programme

<https://ipsconfnagpur.org>



**Programme**  
**National Conference on Emerging Issues and Sustainable Strategies in  
 Plant Health Management: A Global Perspective**  
 Venue : Hotel Centre Point, Ramdaspeth, Nagpur  
 (19-21 January, 2025)



**Day 1: Sunday, 19<sup>th</sup> January, 2025**

Time	Category	Activity	Place
8.00-9.15		<ul style="list-style-type: none"> <li>• Distribution of Registration kit to registered participants</li> <li>• Social Networking</li> </ul>	Hotel Centre Point
9:15-9:30		Welcome of delegates with floral bouquet	
		<b>Plenary Session A</b>	
<b>9:30-10:30</b>	<b>Plenary Session - A</b>	<b>Chairman</b> - Dr. C.D. Mayee <b>Co-Chairman</b> - Dr. Pratibha Sharma and Dr. Maruthi Gowda <b>Rapporteurs</b> - Dr. Billal Ahmad Padder and Dr. C. Jayalakshmi	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor
9:30-10:00	Plenary Lecture 1	Sustainable plant health management to accelerate agri-food systems transformation <b>Ravi Khetarpal</b>	
10:00-10:30	Plenary Lecture 2	Formulated Zinc for controlling important citrus diseases, restoring tree health and productivity <b>Swadeshmukul Santra</b>	
<b>10.30-11.30</b>		<b>Inaugural Ceremony of the IPS National Conference – 2025</b>	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor
11.30-11.45		<b>High Tea</b>	
11:45-12:15	Memorial Award Lecture	S.P. Raychaudhuri Memorial Award Lecture <b>Dr. Himanshu Pathak</b> , Secretary DARE & DG, ICAR, New Delhi	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor
12:15-12:45	Plenary Lecture 3	Novel host characteristics determine resistance to <i>Sclerotinia</i> spp. in lettuce <b>Krishna V. Subbarao</b>	
12.45-13.15	Plenary Lecture 4	No more teary eyes: use of fundamental and translational approaches to manage bacterial diseases in onion <b>Bhabesh Dutta</b>	
13.15-14.00		<b>Lunch Break</b>	Millenium (Manoranjan Mitra Hall) 1 <sup>st</sup> floor
		<b>Plenary Session B</b>	
<b>14.00-15.30</b>	<b>Plenary Session - B</b>	<b>Chairman</b> - Dr. P. K. Chakraborty <b>Co-Chairman</b> - Dr. M. P. Thakur and Dr. G. P. Rao <b>Rapporteurs</b> - Dr. Raj Kumar Mishra and Dr. N. M. Gohel	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor
14.00-14.30	Plenary Lecture 5	A seed system approach to enhance virus disease management in vegetatively propagated crops in sub-Saharan Africa <b>P. Lava Kumar</b>	
14.30-15.00	Plenary Lecture 6	Molecular insights into host-potato virus Y interactome <b>Hanu R. Pappu</b>	
15.00-15.30	Presidential lecture	Innovations in molecular diagnostics, characterization and novel management of HLB-Associated <i>Candidatus Liberibacter asiaticus</i> (CLAs) <b>Dilip Ghosh</b>	

**Note:** All the delegates are requested to submit their ppt presentations to the Media Desk

## Concurrent Session - 1 (15.30 – 18.30)

**Day 1: Sunday, 19<sup>th</sup> January, 2025**

Time	Category	Activity	Place
		<b>Concurrent Technical Session 1</b>	Palacio – II (J F Dastur Hall) 1 <sup>st</sup> floor
15.30-18.30	Technical Session - 1	<b>Theme 1: Plant Pathogens Detection, Diagnostics and diversity</b> <b>Chairman - Dr. Siddarama Gowda</b> <b>Co-Chairman - Dr. Ashok Bhattacharyya and Dr. A. I. Bhatt</b> <b>Rapporteurs - Dr. Ashish Warghane and Dr. Amrita Banerjee</b>	
15.30-15.45	Keynote Lecture	Next Generation diagnostic techniques for shaping the future of clean plant initiatives <b>Virendra Kumar Baranwal</b>	
15.45-15.55	Lead Lecture	Development of immunological formats for detection of phytopathogens and induction of systemic resistance in <i>Citrus reticulata</i> using bioinoculants <b>Bishwanath Chakraborty</b>	
15.55-16.05	Lead Lecture	Detection, diagnosis and management of crop health using Artificial Intelligence (AI) <b>M.P. Thakur, Monoj Kumar Pradhan, Vimal Kumar Shrivastava, C.P. Khare and R.K. Dantre</b>	
16.05-16.15	Lead Lecture	Onsite diagnostics for viruses infecting black pepper <b>A. I. Bhat</b>	
16.15-16.25	Lead Lecture	Status of phytoplasma diseases in India <b>G.P. Rao</b>	
16.25-16.35	Lead Lecture	Insights on <i>Colletotrichum lindemuthianum</i> effectors: Role in pathogenesis and understanding <i>Phaseolus vulgaris</i> –bean anthracnose interface <b>Bilal A. Padder</b>	
16.35-16.45		<b>Tea Break</b>	
16.45-16.55	Lead Lecture	Characterization of <i>Pyricularia</i> species diversity associated with blast disease in millets and rice in India <b>Chandra Nayaka S, Palanna K.B. and Rajashekara, H.</b>	
16.55-17.05	Lead Lecture	Detection of seed borne bacterial diseases of solanaceous crops using advanced techniques <b>Dinesh Singh, Rajesh Kumar Ranjan and P. Lokesh Babu</b>	
17.05-17.15	Lead Lecture	Draft genome of <i>Marssonina juglandis</i> causing walnut ( <i>Juglans regia</i> L.) anthracnose, and development of PCR-based detection protocol for its diagnosis using simple sequence repeat (SSR) markers Aswathy Sanjeev, Sana B. Surma, Sehla Khursheed, Sumaira Hid, Bilal A. Padder, Asha Nabi and <b>Mehraj D. Shah</b>	
17.15-17.25	Lead Lecture	Navigating pathogenic complexities in citrus: insights into fungal and bacterial diversity, diagnostics and mitigation <b>A.K. Das</b>	
17.25-17.30	Oral	Cassava stem and root rot: An emergent concern for farmers and researchers <b>Jeeva Muthulakshmi Lajapathy, Veena Syala Swayvaran, Susan John Kuzhivilayil, Makesh Kumar Thangaraj, Karthikeyan Selvani, Divya Santha, Tom Cyriac</b>	
17.30-17.35	Oral	Present status of rice tungro disease in India: Evolutionary dynamics of causal pathogen and development of rapid diagnostic <b>Amrita Banerjee, Chandu A, G.P. Pandi, Anirban Roy, Somnath Roy, S. Mandal, MK Bag, N.P. Mandal and Rita Banerjee</b>	
17.35-17.40	Oral	Deep learning for crop health: CNN based identification of grey mildew disease caused by <i>Rularia areola</i> in cotton <b>Neelkanth S. Hiremani, Shailesh P. Gawande, Dipak T. Nagrale, Blaise Dsouza, Gajanan T. Behere and Y.G. Prasad</b>	
17.40-17.45	Oral	Development of a Reverse Transcription-PCR Assay for the sensitive and specific detection of cucumber mosaic virus in Banana ( <i>Musa</i> spp.) crops in Gujarat, India <b>Ashish Warghane and Isha Andankar</b>	

17.45-17.50	Oral	Development of an AI-based screening technique for rapid assessment of charcoal rot resistance in sorghum <b>Baswaraj Raigond</b> , Shashi Rawat, I.K. Das, Utkarsha Thorat, Parashur Patroti, Ashok Limbore, Rajesha G. and C. Tara Satyavati	
17.50-17.55	Oral	Guava wilt complex caused by <i>Fusarium</i> spp. and <i>Meloidogyne</i> spp. under Punjab conditions: An emerging issue <b>Priyanka Negi</b> , Anita Arora, rinder Kaur, Sukhjeet Kaur and Harpreet Singh	
17.55-18.00	Oral	Insights into <i>Curvularia</i> Leaf Spot: Current research trends and perceptions as an emerging threat to Maize <b>M. K. Khokhar</b> , Mukesh Sehgal, Anoop Kumar, Manoj Choudhary and Rakesh Kumar	
18.00-18.05	Oral	Integrated AI and molecular approaches for detecting citrus greening disease and major foliar micronutrient deficiencies in sweet orange <b>Lalit. P. Patil</b> , Halima Khatoon, Shaivy Singh, Elangovan M, Bharat Raj Meena and Kajal K. Biswas	
18.05-18.10	Oral	Integrated framework for rapid field detection and confirmation of chili leaf curl disease using deep learning and CRISPR-Cas12a diagnostics Samrat Paul, Anirban Roy, Bikash Mandal and <b>Parimal Sinha</b>	
18.10-18.15	Oral	Morpho-molecular diversity and phylogenetic analysis of <i>Macrophomina phaseolina</i> isolates from different sesame growing region of India <b>Pardeep Kumar</b> , Pardeep Kumar, Ritu Tiwari, Jeel Akhtar and V. Celia Chalam	
18.15-18.20	Oral	Viromics unveils the mixed infection of two mandarin viruses in Kinnow mandarin and development of their specific detection using duplex RT-PCR <b>Nitika Gupta</b> , Susheel Kumar Sharma, Rakesh Kumar, Nishant Srivastava, Ashwini Kumar, Zainul A. Khan, Gopi Kishan and Virendra Kumar Baranwal	
18.20-18.25	Oral	Cultural, molecular characterization and pathogen association, virulence of <i>Fusarium graminearum</i> infecting wheat <b>Gnanasing Jesumaharaja, L.</b> , Ahila Devi, P., S. Hembram., A. Roy., P. M. Bhattacharya and A. K. Chowdhury	
18.30		Departure from the conference venue to ICAR-CCRI Campus	
19.30-21.00		<b>Cultural Programme and Dinner</b>	CCRI Lawn
21.00		Departure from ICAR-CCRI, Lawns to Hotels / Guest Houses	



## Concurrent Session - 2 (15.30 – 18.30)

Day 1: Sunday, 19<sup>th</sup> January, 2025

Time	Category	Activity	Place
		<b>Concurrent Technical Session 2</b>	Sapphire – I (B B Mundkur Hall) Ground floor
15.30-18.30	Technical Session - 2	<b>Theme – 2 : Genomics, Host-Pathogen Interaction and Host Resistance</b> <b>Chairman - Dr. R. Viswanathan</b> <b>Co-chairman - Dr. G. S. Laha and Dr. Supriya Chakraborty</b> <b>Rapporteurs - Dr. Shailesh Gawande and Dr. Popy Bora</b>	
15.30-15.45	Keynote Lecture	Recent emergence of tobamoviruses in solanaceous vegetable crops, seed health tests and their implications in global seed trade <b>M. Krishna Reddy</b>	
15.45-16.00	Keynote Lecture	Roles of viral suppressors of RNA silencing in plant viral synergism <b>Supriya Chakraborty</b>	
16.00-16.10	Lead Lecture	Decrypting molecular signatures of <i>Colletotrichum falcatum</i> , the red rot pathogen of Sugarcane – way forward to engineer pathogen-derived resistance <b>A. Ramesh Sundar</b> , Kana Valiyaveetil Lakshana N. M. R. Ashwin, Dharmaraj Amalamol, A. Jeevalatha, R. Resh, P. Malathi and R. Viswanathan	
16.10-16.20	Lead Lecture	Bacterial T3SS-effector Weapons: Understanding & scope in disease resistance <b>Kalyan K Mondal</b>	
16.20-16.30	Lead Lecture	Genetic structure of <i>Fusarium fujikuroi</i> species complex population causing <i>Fusarium</i> stalk rot of maize in India <b>Prashant P. Jambhulkar</b> , Ruchira Bajpai and Harish J	
16.30-16.40	Lead Lecture	A metaviromic study of apple and first report of citrus concave gum-associated virus, apple rubbery wood virus 1 and 2 infecting apple in India <b>Susheel Kumar Sharma</b> , Zainul A. Khan, Nitika Gupta, Dini Diksha, Pooja Thapa, Malyaj R. Prajapati, Sajad U. Nabi, Santosh Watpade and Virendra K. Baranwal	
16.40-16.50	Lead Lecture	Genomics of <i>Tilletia indica</i> inciting Karnal bunt of Wheat <b>Malkhan Singh Gurjar</b> , Tej Pratap Kumar and M.S. Saharan	
16.50-17.00		<b>Tea Break</b>	
17.00-17.05	Oral	Enhancing regeneration and transformation efficiency in cotton with GRF-GIF Chimeric Genes: A catalyst for genome editing and transgenic development in recalcitrant crops <b>Joy Das</b> , Rakesh Kumar, K.P. Raghavendra, V. N. Waghmare and Y. G. Prasad	
17.05-17.10	Oral	Virulence perspective genomic research unlocks the secrets of <i>Rhizoctonia solani</i> associated with banded sheath blight in small millets <b>TSSK Patro</b> , M Divya, B Praveen, N Anuradha, U Triveni, Y Sandhya Rani and M Swathi	
17.10-17.15	Oral	Whole genome sequencing of important canker causing pathogens of apple ( <i>Malus domestica</i> ) in the North Western Himalayan Region of India <b>Sajad Un Nabi</b> , Shugufta Parveen, Kanika Khokha, Deeba Kil, Santosh Watpade, Wasim H. Raja and M.K.Verma	
17.15-17.20	Oral	Development of inoculation methods and validation for determining resistance to dry and black root rot diseases in mulberry ( <i>Morus</i> spp.) <b>G.S. Arunakumar</b> , M. Supriya, MM Harshitha, Nisarga, T.R. Rutha and S. Gandhi Doss	
17.20-17.25	Oral	Disease reaction dependable variation of defense enzymes in linseed genotypes against <i>Alternaria lini</i> under artificially inoculated conditions Geetika Mehta, Usha Soyal, M.S. Saharan, Vikender Kaur, Ashulata Kaushal, Nandan Mehta, Nalini Tiwari and <b>Lakshman Prasad</b>	
17.25-17.30	Oral	Diversity analysis and host-pathogen interactions of Southern corn leaf blight in maize <b>Nazia Manzar</b> , Abhijeet Shankar Kashyap	

17.30-17.35	Oral	Biochemical and metabolomic characterization of endophytic <i>Daldinia eschscholtzii</i> as potential growth promoting biocontrol agent in cotton and non-host crops <b>Pooja Verma</b> , Neelkanth S. Hiremani, Shailesh P. Gawande, Arjun Tayade and Y.G. Prasad	
17.35-17.40	Oral	Genetic Diversity of Cassiicolin in <i>Corynespora cassiicola</i> and its role in target spot disease in cotton <b>S.P. Gawande</b> , B.B. Fand, D.T. Nagrale, N.S. Hiremani, M. Meshr, S.K. Sain, Rakesh Kumar, G.T. Behere and Y.G. Prasad	
17.40-17.45	Oral	Genome sequencing and functional protein analysis for identifying putative effectors of <i>Bipolaris sorokiniana</i> , a fungus causing spot blotch of wheat Sirisha Thakare, K.J. Yashavanthakumar, Ravindra Patil and <b>Sudhir Navathe</b>	
17.45-17.50	Oral	Genome-wide association mapping for identification of genomic regions controlling root lesion nematode resistance in Chickpea <b>Ashish Kumar</b> , Yogesh Dashrath Naik, Vedant Gaut, Sunanda Patil, Vinod Valluri, Sonal Channale, Jayant Bhatt, Stuti Sharma, R. S. Rakrishnan, R. S. Sharma, Himabindu Kudapa, Rebecca S. Zwart, Somashekhar M. Punnuri, Rajeev K. Varshney, Mahendar Thudi	
17.50-17.55	Oral	Metagenomic insights into host metabolic disruptions caused by <i>Candidatus</i> Libribacter Asiaticus in Khasi mandarin <b>Prasanth Tej kumar J.</b> , Ruchi Bhate, Gopal N. Patil and Ashis K. Das	
17.55-18.00	Oral	New andean source of resistance to anthracnose: Fine mapping and expression studies of Co-18 gene in common bean landrace KRC-5 <b>Irtifa Lateef</b> , Shabn Katoch, Abhishek Katoch, Aasiya Nabi, Tuaha1, Usma, Gazala, Zainab, Adfar Bashir, PN Sharma, M. D. Shah and Bilal A. Padder	
18.00-18.05	Oral	Novel genomic region for Fusarium head blight (FHB) resistance in durum wheat ( <i>Triticum durum</i> L.) germplasm through genome wide association study (GWAS) <b>V.K. Vikas</b> , N. Budhlakoti, M.S. Saharan, A.K. Pradhan, S. Divya, D.C. Mishra, A.K. Singh, M. Sivas, P. Jayaprakash, K.J. Yashavathakumar, N. Sudhir, B. Suma, John Peter, C. Suganya, G. Vaishali, G.P. Singh and Sundeep Kumar	
18.05-18.10	Oral	Screening of germplasm of ber for resistance against Powdery mildew and <i>Alternaria</i> Leaf spot <b>Manoj Kumar Buswal</b> , Mukesh Kumar and N.K. Yadav	
18.10-18.15	Oral	Whole genome sequencing and comparative analysis of <i>Neopestalotiopsis clavispora</i> causing cashew leaf blight disease in India <b>H. Rajashekara</b> , R.T.P. Pandian, T.N. Raviprasad, K. Vanitha and Siddanna Savadi	
18.15-18.20	Oral	Deciphering the immune blueprint: A holistic view of <i>Arabidopsis</i> (host) responses to hemibiotrophic pathogen <i>Pseudomonas syringae</i> pv. tomato DC 3000 Pooja Singh and <b>Mohd Aamir</b>	
18.20-18.25	Oral	Characterization of endophytes for antimicrobial properties and <i>in silico</i> analysis of effective volatile compounds against millets pathogens <b>G. Rajesha</b> , I. K Das, Shankari Meena, P. G. Padmaja, Basavaraj Raigond, Ganapathy K N., Sooganna and Tara C. Satyavathi	
18.30		Departure from the conference venue to ICAR-CCRI Campus	
19.30- 21.00		<b>Cultural Programme and Dinner</b>	CCRI Lawn
21.00		Departure from ICAR-CCRI, Lawns to Hotels / Guest Houses	

### Concurrent Session - 3 (15.30 – 18.30)

Day 1: Sunday, 19<sup>th</sup> January, 2025

Time	Category	Activity	Place
		<b>Concurrent Technical Session 3</b>	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor
15.30-18.30	Technical Session - 3	<b>Theme – 3 : Innovative and Novel Management Strategies</b>	
		<b>Chairman - Dr. H. R. Pappu</b> <b>Co-Chairman - Dr. R. Selvarajan and Dr. S.N. Sushil</b> <b>Rapporteurs - Dr. Y. V. Ingle and Dr. Sajad Un Nabi</b>	
15.30-15.40	Lead Lecture	Biological control in plant disease management <b>R. Sarada Jayalakshmi Devi</b>	
15.40-15.50	Lead Lecture	Looming threats of invasive pests to Indian Agriculture-present challenges and way forward <b>S.N. Sushil</b>	
15.50-16.00	Lead Lecture	Current status and innovative management strategies for the major diseases of banana in India <b>R. Selvarajan</b>	
16.00-16.10	Lead Lecture	Emerging paradigms in mycotoxin research, a potent agent of concern for one health <b>Sujay Rakshit, Alla Singh and Suryakant Manik</b>	
16.10-16.20	Lead Lecture	Disease scenario, pathogen population structure and management strategies in bacterial blight of rice in India <b>G. S. Laha, T. Dilip Kumar, P. Prashanth, A. Yugander, B. Sailaja, D. Ladhakshmi, V. Prakas, M. S. Prasad and R. M. Sundar</b>	
16.20-16.30	Lead Lecture	Exploring PGPRs and green synthesized nanoformulations in mitigating diseases of soybean and productivity enhancement in India <b>Sharao Jahagirdar, K. Kavanashree, K.S. Brunda, Vivekanand K. Karagi, D.N. Kbrekar, Gurudatt Hegde, P.U. Krishnaraj, M. S. Patil and G. T. Basavaraja</b>	
16.30-16.40	Lead Lecture	Ancient pest control practices: A viable option for plant and soil health management <b>Krishna Kumar, Sanjay M. Bandi and RK Mishra</b>	
16.40-16.50	Lead Lecture	Bio-intensive integrated disease and pest management in Indian mustard <b>M.S. Yadav, Suresh Kumar, S.K. Singh, Rekha Balodi, K.V. Raghvendra and Neel Mehta</b>	
16.50-17.00		<b>Tea Break</b>	
17.00-17.05	Oral	Dual-Action biocontrol strategies against <i>Colletotrichum</i> leaf disease in rubber ( <i>Hevea brasiliensis</i> ) <b>C. Bindu Roy, V.B. Soumyol and G.R. Theertha</b>	
17.05-17.10	Oral	Exploring <i>Trichoderma</i> spp. for the management of wilt disease in Okra <b>C. Jeyalakshmi, D. Shanmuga Priya and R. Renuka</b>	
17.10-17.15	Oral	Impact of chemical fungicides and growth hormones on Nagpur mandarin pre-harvest pathological fruit drop <b>Y.V. Ingle, D.H. Paithankar, S.B. Bramhankar and R.M. Gade</b>	
17.15-17.20	Oral	Identification, Pathogenicity, and Ecofriendly Management of Blue Mold of apple caused by <i>Penicillium crustosum</i> <b>Santosh Watpade, Isha Devi, Sadhan Yuvraj Bagul, G.N. Khadke, Dinesh Kumar, Hema Kumari, Rishav Kumar, Jitender Kumar, Kallol Kumar Pranick, Dhar Pal, Priyank H. Mhatre and Santosh Kedar</b>	
17.20-17.25	Oral	Bacterial-based synthetic volatiles as a novel control strategy for sucking pests in cotton and their potential for plant disease management <b>Kulandaivelu Velmourougane and Yenumula Gerard Prasad</b>	
17.25-17.30	Oral	Building citrus germplasm warehouse using 3 tier architecture <b>V.V. Sumanth Kumar, Guntukogula Pattabhi Sandeep, I.P. Singh, D.D. Banerjee and Sneha Patel</b>	
17.30-17.35	Oral	Digital technologies: Changing face of plant health management in India <b>Sanjeev Kumar</b>	

17.35-17.40	Oral	Induced resistance in Tomato against early blight cause by <i>Alternaria solani</i> (Sorauer) through homeopathic medicines <b>S. K. Biswas</b> and Naimish Kumar	
17.40-17.45	Oral	Efficiency of drone-assisted pesticide spraying for management of brown spot disease and stem borer in rice <b>Sreenath Ragiman</b> , Talluri Kiran Babu, R. Gopal Varma and B. Vidya Sagar	
17.45-17.50	Oral	Endophytic <i>Trichoderma reesei</i> and its secondary metabolites can effectively manage the major fungal diseases of organic tea ecosystem of Meghalaya <b>Madhusmita Mahanta</b> and Pranab Dutta	
17.50-17.55	Oral	Evaluation of novel seed dressing fungicides on seed quality and seed health against <i>Macrophomina phaseolina</i> in Mungbean and Urdbean <b>M. Madhavi</b> , B. Pushpavathi, V. Bharathi, B. Rajeswari, P. Jagan Mohan Rao and Atul Kumar	
17.55-18.00	Oral	Harnessing Microbial Volatile Organic Compounds for Postharvest Disease Control in Strawberry <b>Gaurav Yashwant Rakhonde</b> , K.S. Shivashankara and S. Sriram	
18.00-18.05	Oral	Harnessing seed health through exploration of newer molecules as seed dressers in Pigeonpea ( <i>Cajus cajan</i> (L.) Millsp). <b>B. Pushpavathi</b> , V.Bharathi, M.Madhavi, B. Rajeswari, P.Jagan Mohan Rao and Atul Kumar	
18.05-18.10	Oral	Status and screening of brown leaf spot of rice from different districts of Madhya Pradesh <b>Pramod Kumar Gupta</b> , Mohit and Yogita Gharde	
18.30		Departure from the conference venue to ICAR-CCRI Campus	
19.30- 21.00		<b>Cultural Programme and Dinner</b>	CCRI Lawn
21.00		Departure from ICAR-CCRI, Lawns to Hotels / Guest Houses	



## Special Concurrent Session (15.30 – 18.30)

**Day 1: Sunday, 19<sup>th</sup> January, 2025**

Time	Session	Activity	Place
		<b>Synergy (Industry-Academia Interface)</b>	
15.30-17.00	Special Session - A	<b>Chairman - Dr. Y. G. Prasad</b> <b>Co-Chairman - Dr. A. A. Murkute</b> <b>Convenor - Dr. Sujoy Saha</b>	Sammelan (S P Raychaudhuri Hall) 1 <sup>st</sup> floor
		<b>Panellists</b> – R.G. Agarwal (Dhanuka Agritech Ltd), K. S. Thyagrajan (PI Industries), Komal Shah Bhukhanwala (SML Ltd), Ravi Hegde (UPL), Narendra Pal Gangwar (IPL Biologicals), M. Ramasami (Rasi seeds), Ashwin Kasikar (Ankur Seeds), Anirban Gangopadhyay (BASF), V. B. Reddy (ATGC Biotech), Sumit Banerjee (AGMA Energy Pvt. Ltd), Yashwant Patil, (Syngenta), Yogesh Mohite (Bayer Crop Sciences Ltd.), Uday Philar (Sequoia Bio Sciences Pvt. Ltd.), Pradeep Kumar (East-West Seed), Satish Yadav (Crystal Crop Care)	
		<b>Tea Break</b>	
		<b>Prospects (Career Opportunities for Students)</b>	
17.15-18.30	Special Session - B	<b>Chairman - Dr. R. Sarada Jayalaxmi Devi</b> <b>Co-Chairman - Dr. Sujay Rakshit and Dr. R. Thangavelu</b> <b>Rapporteurs - Dr. Bishnu Maya Bashyal and Dr. Pranab Dutta</b>	Sammelan (S P Raychaudhuri Hall) 1 <sup>st</sup> floor
17.15-17.30	Special Lecture 1	Professional development for early career scientists in plant pathology: Mantras to be successful in academia in the United States <b>Bhabesh Dutta and H. R. Pappu</b>	
17.30-17.45	Special Lecture 2	Why the education in agriculture in India is an excellent choice for students? <b>P. K. Chakrabarty</b>	
17.45-18.00	Special Lecture 3	Admission Requirements for Indian Students for Their Scope in Agribusiness and Marketing Opportunities <b>Subodh Kumar Gupta</b>	
17.45-18.15	Special Lecture 4	Opportunities for Entrepreneurship Development for Agricultural Graduates <b>Vilas Vishnu Shinde, MD, M/s Sahyadri Farm, Nashik</b>	
18.15-18.30		Interaction / Discussion	
18.30		Departure from the conference venue to ICAR-CCRI Campus	
19.30- 21.00		<b>Cultural Programme and Dinner</b>	
21.00		Departure from ICAR-CCRI, Lawns to Hotels / Guest Houses	CCRI Lawn

**Day 2: Monday, 20<sup>th</sup> January, 2025**

Time	Session	Activity	Place
		<b>Plenary Session C</b>	
9.30-13.30	Plenary Session - C	<b>Chairman - Dr. Ravi Khetrupal</b> <b>Co-Chairman - Dr. B. N. Chakraborty and Dr. Lava Kumar</b> <b>Rapporteurs - Dr. Sanjeev Kumar and Dr. Malkhan Singh Gurjar</b>	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor
9.30-10.00	Plenary Lecture 7	Molecular manipulation of a formidable foe into a trusted friend: the case of the Citrus <i>Tristeza</i> Virus <b>Siddarame Gowda, Subash Hajeri and Nabil Killiny</b>	
10.00-10.30	Plenary Lecture 8	The use of seaweeds in crop production: Dual benefits as plant biostimulants and elicitors of defense <b>Balakrishnan Prithiviraj</b>	
10.30-11.00	Plenary Lecture 9	Recent evolution of tomato leaf curl New Delhi virus, factors involved in host acquisition and host loss <b>Maruthi M. N. Gowda</b>	
11.00-11.15		<b>Tea Break</b>	
11.15-11.45	Plenary Lecture 10 (Virtual)	RNA-based biopesticides for sustainable crop protection <b>Neena Mitter</b>	
11.45- 12.15	Plenary Lecture 11	Emerging pathogens and their multi-trophic interactions: Pioneering technologies to strengthen food safety and biosecurity <b>Mohammad Arif</b>	
12.15- 12.45	Plenary Lecture 12 (Virtual)	Utilization of genome editing tools to develop HLB tolerant citrus trees <b>Manjul Dutt</b>	
12.45- 13.15	Plenary Lecture 13 (Virtual)	Diversity and challenges associated with citrus leprosis <b>Juliana Freitas-Astúa</b>	
13.15- 13.30	Special Lecture (Virtual)	Plant health networking opportunities through APAARI-EUPHRESKO III project <b>K. S. Varaprasad</b>	
13.30- 14.30		<b>Lunch Break</b>	Millenium (Manoranjan Mitra Hall) 1 <sup>st</sup> floor

### Concurrent Session - 3 (12.15 – 16.00)

Day 2: Monday, 20<sup>th</sup> January, 2025

Time	Category	Activity	Place
		<b>Concurrent Technical Session 3</b>	
		<b>Theme – 3 : Innovative and Novel Management Strategies</b>	
12.15-16.00	Technical Session - 3	<b>Chairman - Dr. S. M. Santra</b> <b>Co-Chairman - Dr. M. Krishna Reddy and Dr. Bhabesh Dutta</b> <b>Rapporteurs - Dr. Ramesh Sunder and Dr. Neelkanth Hiremani</b>	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor
12.15-12.30	Keynote Lecture	Crop grouping: A stepping-stone to harmonise off-label use of pesticides <b>P. K. Chakrabarty</b>	
12.30-12.40	Lead Lecture	Recent advances in the study and management of <i>Fusarium</i> wilt disease in banana <b>R. Thangavelu, M. Loganathan and R. Selvarajan</b>	
12.40-12.50	Lead Lecture	Harnessing rhizomicrobiome for management of biotic and abiotic stresses in plants and elucidation of their mechanisms of action <b>Usha Chakraborty</b>	
12.50-13.00	Lead Lecture	Use of Secondary Metabolites from Beneficial Microbes for Plant Disease Management <b>S. Sriram</b>	
13.00- 13.10	Lead Lecture	<i>Citrus tristeza virus</i> is important factor for citrus decline in Northeast India and development of biotechnological based management strategies <b>Kajal Kumar Biswas</b>	
13.10-13.20	Lead Lecture	Integrated biocontrol strategies to enhance soil health and combat key plant pathogens <b>R. M. Gade</b>	
13.20-13.30	Lead Lecture	Eco-friendly shields: Bio-intensive strategies for grape disease management <b>Sujoy Saha and Ratna Thosar</b>	
13.30- 14.30		<b>Lunch Break</b>	Millenium (Manoranjan Mitra Hall) 1 <sup>st</sup> floor
14.30-14.40	Lead Lecture	<i>Trichoderma</i> spp. a potential arsenal for management of phytopathogens in the agroecological conditions of North East India <b>Pranab Dutta</b>	
14.40-14.50	Lead Lecture	Application of <i>Trichoderma</i> for sustainable Crop Management with special reference to rice Harekrushna Swain, Totan Adak, Pratap Bhattacharyya and <b>Arup K. Mukherjee</b>	
14.50-15.00	Lead Lecture	Efficacy, compatibility of pesticides and host resistance against Turcicum leaf blight of maize <b>S.I. Harlapur and K.S. Iliger</b>	
15.00-15.10	Lead Lecture	Integrated management of <i>Rhizoctonia solani</i> and <i>Meloidogyne incognita</i> complex under field conditions in tomato <b>B. Vidya Sagar</b>	
15.10-15.20	Lead Lecture	Growth Promotion and antifungal activity of endophyte <i>Chetomium globosum</i> strain <b>Sanjay Kumar Goswami</b>	
15.20-15.25	Oral	Mechanistic insight into the antimicrobial activity of <i>Bacillus velezensis</i> BAC3 against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> through multi omic approach <b>Popy Bora, Abhisek Rath, Phuleswar Nath, Arunima Bharali, Sanjib Ranjan Borah, Safiqul Hussain, Mayuri Baruah, Parinda Baruah, Milan Jyoti Konwar, Jyoti Lekha Borah and Rituraj Saikia</b>	
15.25-15.30	Oral	Innovative Seaweed-Based Formulations for Sustainable Plant Virus Management <b>Sumit Bhose, Narendra Kumar, Sri Sailaja Nori and T.R. Girish</b>	

15.30-15.35	Oral	Management of powdery mildew disease of grapevine using endophytic <i>Trichoderma</i> and <i>Bacillus</i> species bio-formulations <b>Somnath K. Holkar</b> , Shweta Chandrakant Nanekar, Sakshi Jagdish Patil, Sagar Balaso Bhondave, Sudarshan Gat, Nishant A. Deshmukh, Sujoy Saha and Kaushik Banerjee
15.35-15.40	Oral	Mitigation of Huanglongbing: Implications of a biologically-enhanced nutritional programme on yield, pathogen localization and host gene expression profiles <b>Srinivas N. Makam</b> , Moudou Setou, Olufemi J. Alabi, Willi Day, Douglas Cromey and Chika Nwugo
15.40-15.45	Oral	Novel Bacteriophage formulations for sustainable management of bacterial diseases <b>Manoj Choudhary</b> , Mukesh Kumar Khokhar <sup>1</sup> , Rakesh Kumar, Jeffrey B. Jones and Mathews L. Paret
15.45-15.50	Oral	Phytochemical analysis and profiling of ethyl acetate extracted antimicrobial secondary metabolite produced by endophytic <i>Acremonium falciformae</i> inhabiting <i>Citrus macroptera</i> Montr. <b>Deepanwita Deka</b>
15.50-15.55	Oral	Response of integrated application of biocontrol agents against soft rot disease ( <i>Pythium aphanidermatum</i> ) of ginger ( <i>Zingiber officinale</i> Rosc L.) in the north-eastern Himalayan region of India <b>Utpal Dey</b> , Mukesh Sehgal, Durga. P. Awasthi, Febri Doni, R.C. Joshi, Shatabhisa Sarkar, A.K. Mohanty, Ph. Ranjit Sharma and Subhash Chander
15.55-16.00	Oral	Vector borne virus diseases of chilli crop and its integrated management for Chhattisgarh plains region <b>C.P. Khare</b> , D. Sharma, J. Trivedi, M.K. Pradhan and M.P. Thakur
16.00-16.05	Oral	Effect of plant biostimulants on root and plant health and the Rhizosphere microbiome of citrus trees using CALBROZEN <b>Satish Kumar Yadav</b> , Saurabh Tripathi, Sonam Singh and Thakurendra Vashistha
16.05-16.10	Oral	Management of bacterial wilt in potato crop <b>G. Biswal</b> and A. Mishra
16.10-16.15	Oral	New World record of <i>Colletotrichum cobbittiense</i> causing fruit drops on Nagpur mandarin in Central India <b>U.R. Sangle</b> , Yogesh Kharbikar, Pralay Ambagade and A.K. Das
16.15-16.30		<b>Tea Break</b>

### Concurrent Session - 4 (14.30 – 15.30)

Day 2: Monday, 20<sup>th</sup> January, 2025

Time	Category	Activity	Place
		<b>Concurrent Technical Session 4</b>	Sapphire – I (B B Mundkur Hall) Ground floor
		<b>Theme – 4 : Epidemiology and Climate Change Effects</b>	
14.30-15.40	Technical Session - 4	<b>Chairman - Dr. Chirantan Chattopadhyay</b> <b>Co-Chairman - Dr. R. M. Gade and Dr. K. K. Mondal</b> <b>Rapporteurs - Dr. S. Holkar and Dr. Sumit Bhoose</b>	
14.30-14.45	Award Lecture	<b>Mundkur Memorial Award</b> Red rot of sugarcane: Travelling the path on the epidemics, pathogen variation, host resistance and management <b>R. Viswanathan</b>	
14.50-15.00	Lead Lecture	Scenario of Plant diseases under changing climate situation in humid tropics <b>Makarand Joshi</b>	
15.00-15.10	Lead Lecture	Varietal diversity in sugarcane to manage biotic and abiotic stresses for sustainable yield and quality <b>Dinesh Singh, Ajita Singh, Sanjay Lal Srivastava, A.K. Mall and M.K. Tripathi</b>	
15.10-15.15	Lead Lecture	Mathematical modeling for weather- based forewarning of powdery mildew disease of kharif mungbean <b>Ashwini Marotirao Charpe</b>	
15.15-15.20	Oral	Influence of Weather Factors on Pokkah Boeng Disease Incidence in Sugarcane in the Vidarbha Region of Maharashtra <b>Vidyasagar K. Biradar, Gopala and V. Nandkishor Lavhe</b>	
15.20-15.25	Oral	Disease scenario of tomato and muskmelon in Andhra Pradesh <b>Sesha Kiran Kollipara and B.Govindarjulu</b>	
15.25-15.30	Oral	Polerovirus disease complex – an emerging threat to cucurbit cultivation in Maharashtra <b>Savarni Tripathi, Raj Verma and Anil Khar</b>	
15.30-15.35	Oral	Etiological, weather parameters and role of sucking pests: A key factor in boll rot disease complex in upland cotton and its management <b>D.T. Nagrale, B.B. Fand, S.P. Gawande, N.S. Hiremani, M.D. Meshram, G.T. Behere and Y.G. Prasad</b>	
15.35-15.40	Oral	Climate change and Disease Shifts: A Looming Threat to Pigeonpea Cultivation and Nutritional Security <b>Mallikarjun Kenganal, Gururaj Sunkad, B. K. Desai and B.M. Doddamani</b>	



### Concurrent Session - 5 (14.30 – 15.30)

**Day 2: Monday, 20<sup>th</sup> January, 2025**

Time	Category	Activity	Place
		<b>Concurrent Technical Session 5</b>	Palacio – II (J F Dastur Hall) 1 <sup>st</sup> floor
		<b>Theme – 5: Regulatory and Policy Issues</b>	
14.30-15.45	Technical Session - 5	<b>Chairman - Dr. S. S. Chahal</b> <b>Co-Chairman - Dr. Celia Chalam and Dr. Balakrishnan P.</b> <b>Rapporteurs - Dr. Nazia Manzar and Dr. Utpal Dey</b>	
14.30-14.45	Award Lecture	<b>J.F. Dastur Memorial Award</b> Back to roots: Natural farming for better plant and human health <b>Nareshkumar Manilal Gohel</b>	
14.45-15.00	Keynote Lecture	Proclivity and popularity of agri-entrepreneurship and agribusiness in biologicals <b>Pratibha Sharma</b>	
15.00-15.15	Keynote Lecture	Phytosanitary regulations and diagnostics for crop biosecurity against regulated pathogens <b>Celia Chalam, Vasimalla, Jeel Akhtar, Pooja Kumari, Pardeep Kumar, Pareswari Balasubrani, Kalaiponmani Kalaimughilan, Aradhika Tripathi, Priya Yadav, Ashok Kumar Maurya and Smita Lenka</b>	
15.15-15.30	Keynote Lecture	Stringent biosecurity and biosafety for ensuring plant protection <b>S.C. Dubey</b>	
15.30-15.35	Oral	Assessing the Knowledge Level and Extent of Adoption of Plant Protection Measures amongst Citrus Growers of Vidarbha Region of Maharashtra <b>Sangeeta Bhattacharyya</b>	
15.35-15.40	Oral	Assessing the Seed Transmissibility of Tomato Leaf Curl New Delhi Virus in Cucurbits <b>Pooja Purushotham, N. Nagaraju and M. N. Maruthi</b>	
15.40-15.45	Oral	Opportunities for an Entrepreneurship in <i>Trichoderma</i> based Biopesticide in India <b>Sanjeev Kumar</b>	

**Day 2: Monday, 20<sup>th</sup> January, 2025**

Time	Activity	Place
15.30- 17.00	Poster Evaluation	Sapphire – II (K C Mehta Hall) Ground Floor
17.00-18.30	IPS General Body Meeting	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor
18.30-21.30	Cultural Programme and Dinner	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor

**Day 3: Tuesday, 21<sup>st</sup> January, 2025**

Time	Activity	Place
	<b>IPS Award Lectures</b>	
<b>9.30-10.30</b>	<b>Chairman - Dr. K. V. Subbarao</b> <b>Co-chairman - Dr. V. K. Baranwal and Dr. V. V. Nargund</b> <b>Rapporteurs - Dr. D. T. Nagrale and Dr. Raghunath Mondal</b>	Palacio – I <b>(E J Butler Hall)</b> 1 <sup>st</sup> floor
9.30-9.45	<b>Sharda Lele Memorial Award - Dr. Raj Kumar Mishra - Trichoderma: A Journey from Pulse Crops to Broader Agricultural Applications</b>	
9.45-10.00	<b>A. K. Sarbhoy Memorial Award - Dr. Manas Kumar Bag - Current understanding and advances in research of false smut disease: a threat to rice growers</b>	
10.00-10.15	<b>Jeersannidhi Award - Dr. Sanjay Kumar Singh - Metabolic and Genomic Analysis of Target Fungi Provide Significant Information for use in Agriculture and Allied Sectors</b>	
10.15-10.30	<b>S. Sinha Memorial Award - Dr. Bishnu Maya Bashyal - Root cause analysis and sustainable management strategies for an emerging bakanae disease of rice in India</b>	
10.30-11.00	<b>Tea Break</b>	
	<b>APS/IPS Travel sponsorship Award Contest for Ph.D. Students</b>	
<b>11.00-12.30</b>	<b>Chairman - Dr. M. P. Thakur</b> <b>Co-chairman - Dr. Usha Chakraborty and Dr. S. Jahgirdar</b> <b>Rapporteurs - Dr. Basavraj Raigond and Dr. Santosh Watpade</b>	Palacio – I <b>(E J Butler Hall)</b> 1 <sup>st</sup> floor
11.00-11.15	<i>Bacillus</i> -Mediated Zinc-chitosan nanohybrid: a novel approach to combat <i>Ralstonia solanacearum</i> , a soil-borne nemesis of tomato plants <b>Abhisek Rath (North-Eastern Zone)</b>	
11.15-11.30	Biosynthesized Silver nanoparticles can be an option for management of citrus greening diseases <b>Lydia Vanlaltani (North-Eastern Zone)</b>	
11.30-11.45	Exploring diverse sowing dates and epidemiological factors on the severity of mungbean Anthracnose <b>Ms. Rengima Nambiar (Southern Zone)</b>	
11.45-12.00	Rapid detection of tobacco streak virus in sunflower using crude sap-based RT-RPA assay <b>Chaitra G.V. (Central Zone)</b>	
12.00-12.15	Exploration of genome editing, effector-protein prediction modelling and transcriptomic tools for understanding the <i>Phaseolus vulgaris</i> - <i>Colletotrichum lindemuthianum</i> interface <b>Aasiya Nabi and B.A. Padder (Northern Zone)</b>	
12.15-12.30	Harnessing actinomycetes for agricultural biocontrol: A path to reducing chemical dependence <b>Roshan Sanjay Chandurkar (Western Zone)</b>	
	<b>Prof. M.J. Narasimhan Merit Academic Award Contest</b>	
<b>11.00-15.45</b>	<b>Chairman - Dr. B. N. Chakraborty</b> <b>Co-chairman - Dr. Mohammad Arif and Dr. Manash K. Bag</b> <b>Rapporteurs - Dr. Nikita Gupta and Dr. Abhijit Kashyap</b>	Palacio – II <b>(J F Dastur Hall)</b> 1 <sup>st</sup> floor
11.00-11.15	Efficacy of Silver and Gold Nanoparticles against wilt of Potato caused by <i>Ralstonia solanacearum</i> Smith <b>Rajni Raj (North-Eastern Zone)</b>	
11.15-11.30	Compatibility Study of Biocontrol agents with Homeopathic medicines for their Combined use to Manage Plant Diseases <b>Pritam Das, Pranab Dutta, Madhusmita Mahanta and Dwipendra Thakuria (North-Eastern Zone)</b>	
11.30-11.45	Formulation of effective natural plant extracts and their exploitation for repressing diseases of lentil under field condition <b>Krishnendu Kundu (Eastern Zone)</b>	
11.45-12.00	Topical application of Nanoconjugated dsRNAs to combat the groundnut bud necrosis virus infection in host plants <b>Suryakant Manik (Eastern Zone)</b>	
12.00-12.15	<i>Microbacterium testaceum</i> : An unexplored rice leaf-associated bacterium for blast disease suppression in rice <b>Asharani Patel (Eastern Zone)</b>	

12.15-12.30	Development of microbial consortia to mitigate the soil-borne pathogens in glory lily <b>D. Shanmuga Priya (Southern Zone)</b>	
12.30-12.45	Unraveling mango defense responses to anthracnose: screening, genetic, biochemical and pathogenicity insights <b>M.L. Supriya (Southern Zone)</b>	
12.45-13.00	First Report of Indigenous <i>Bacillus thuringiensis</i> Exhibiting Lipopeptide-Mediated Antifungal Activity Against <i>Rhizoctonia Solani</i> <b>Aditya Kukreti (Central Zone)</b>	
13.00-13.15	Exploring the role of PGPR in enhancing the resistance of Tomato plants against <i>Fusarium</i> Wilt pathogen <i>Fusarium oxysporum</i> f.sp <i>lycopersici</i> <b>Lopudra Giri (Central Zone)</b>	
13.15-13.30	Mapping resistance genes against loose smut ( <i>Ustilago tritici</i> ) of wheat ( <i>Triticum aestivum</i> L.) <b>Divya Bhandari (Northern Zone)</b>	
13.30-14.30	<b>Lunch Break</b>	Millenium (Manoranjan Mitra Hall) 1 <sup>st</sup> floor
14.30-14.45	Induction of plant resistance against bean common mosaic virus (BCMV) using multiple application of nanoparticle conjugated dsRNA <b>Nulevino Iralu, Farhana Wani, Dasari Meghanath, Sumiah Wani, Shahjahan Rashid and Aflaq Hamid (Northern Zone)</b>	
14.45-15.00	Harnessing <i>Bacillus</i> spp. for groundnut resilience: Enzymatic fortification and yield enhancement <b>Rohini Verma, Anita Puyam, P.P. Jambhulkar and Shubha Trivedi (Mid-Eastern Zone)</b>	
15.00-15.15	Eco-friendly biofumigation: Harnessing brassica tissues and mustard cake for effective management of soilborne fungal pathogens <b>Shashank P. Patel, P.P. Jambhulkar, Shubha Trivedi and Priyanka Varun (Mid-Eastern Zone)</b>	
15.15-15.30	Molecular Characterization of <i>Alternaria solani</i> (Ellis and Martin) Jones and Grout causing early blight of potato and its eco-safe management <b>Jaina Vinodchandra Patel (Western Zone)</b>	
15.30-15.45	Isolation, characterization and management of <i>Xanthomonas campestris</i> pv. <i>campestris</i> causing black rot in cabbage <b>D. R. Prajapati (Western Zone)</b>	
15.45-16.00	<b>Tea Break</b>	
16.00-17.00	<b>Valedictory Function</b>	Palacio – I (E J Butler Hall) 1 <sup>st</sup> floor

**Note:** All the delegates are requested to submit their ppt presentations to the Media Desk

## Poster Presentations

### Theme 1: Plant Pathogens Detection, Diagnostics and Diversity

Code	Abstract Title	Authors
P-T1-01	Assessing the resistance of safflower genotypes to <i>Fusarium</i> Wilt in wilt sick plots	<b>H.N. Aiwale</b> , D. R. Murumkar, S. V. Kolase, A. M. Navale and D. H. Sarnobat
P-T1-02	Bacterial leaf spot in grape: A looming threat in viticulture	<b>Sujoy Saha</b> and Sneha Bhosale
P-T1-03	Biological and molecular characterization of <i>Ustilaginoidea virens</i> , an emerging pathogen of rice in India	<b>Sapna Sharma</b> , Bishnu Maya Bashyal, Gaurav Kumar Yadav, Chetna Chugh, Sunil Kumar Sunani, Mohamad Ayham Shakouka and Gopala Krishnan S
P-T1-04	Development of diagnostic tools and discovery of two novel Indian citrus ringspot virus species: insights into the global phylogeography of mandariviruses	<b>Rushikesh D. Bharsakale</b> , Mrugendra G. Gubyad, Krishanu Mukherjee, Amol D. Kokane, Sunil B. Kokane, Pragati Misra and Dilip Kumar Ghosh
P-T1-05	Diseases of medicinal and aromatic plants in West Bengal with special emphasis on Aloe vera, Betelvine, Curry leaf, Kalmegh, Punarnava, Sarpagandha, Tulsi and Vasaka	<b>Goutam Mondal</b> , Siddharth Singh, Bandana Mayanglambam, Ankur Mukhopadhyay, Soumik Mukherjee, Sanjog Chhetri, Susmita Oraon and Ujjal Kisku
P-T1-06	Diversity and community analysis of plant parasitic nematodes in Sathgudi sweet orange orchards of Nalgonda district, Telangana	<b>K. Kiran Kumar</b> , Naresh M. Meshram, A. Thiruganavel, Darshan M. Kadam and Ashis K. Das
P-T1-07	Effective DNA extraction from nematodes using an automated magnetic bead technique	<b>Dipali Rane</b> , Sneha Thakur, Sunil Kokane, Alok Gupta, Sujata Hajra and Kavita Khadke
P-T1-08	Elucidating genetic variability and detection of <i>Wilsonomyces carpophilus</i> causing shot hole of stone fruits using SSR markers	<b>Sehla Khursheed</b> , Mahiya Farooq, Asha Nabi, Mehraj D. Shah, Bilal A. Padder, Imran Khan, Rizwan Rashid and F.U. Khan
P-T1-09	First report of <i>Fusarium acutatum</i> causing root rot and wilt disease in grapevine in India	<b>S. K. Holkar</b> , S. B. Bhondve, S. J. Patil, S. C. Nanekar, R. K. Bhosale, S. Saha and K. Banerjee
P-T1-10	Genetic diversity and population structure analysis of <i>Tilletia indica</i> inciting Karnal bunt of wheat	<b>Smita Sangale Bhausaheb</b> , Tej Pratap, Jitender Kumar and Malkhan Singh Gurjar
P-T1-11	Grain discoloration in popular rice varieties ( <i>Oryza sativa</i> ) released from Indira Gandhi Krishi Vishwavidyalaya, Raipur of Chhattisgarh in Chhuikhadan, and associated mycoflora	<b>Rajeshwari Kurre</b> and Bhumika Koma
P-T1-12	Harnessing artificial intelligence for the detection of citrus diseases	<b>Himanshu G. Pachare</b> , Ashok Kumar and Ashis K. Das
P-T1-13	Innovative diagnostic tool: duplex RPA assay for detecting CTV and CLAs in Citrus	<b>Mrugendra G. Gubyad</b> , Rushikesh D. Bharsakale, Sunil B. Kokane, Amol D. Kokane and Dilip Kumar Ghosh
P-T1-14	Localized blight of pigeonpea caused by <i>Rhizoctonia solani</i> – A possible future threat	<b>Durga Prasad Awasthi</b> , Partha Das, Biman De, B.C. Thangjam & Debashish Sen
P-T1-15	Morpho-cultural, Pathogenic and Molecular variability of <i>Macrophomina phaseolina</i> (Tassi.) Goid. causing Root & Stem rot of Sesame	<b>Shubham Mishra</b> and K.N. Gupta

**Note:** All the poster presenters are requested to fix their posters at **Sapphire – II (K C Mehta Hall)** at the Venue before 16.00 hrs. on 19<sup>th</sup> January, 2025

P-T1-16	Morphological and molecular variability of <i>Alternaria</i> spp. causing Sunflower leaf blight	<b>S. Chaitanya</b> , M. Reddi Kumar, K. Sakthivel Krishnan, K. Venkataramanama, P. Lavanya Kumari
P-T1-17	Next gen-detection: fusion of microfluidics with molecular tools	<b>Selva Kumar S</b> , Hima Bindu S and Pooja Rangnath Veer and Neelkanth S Hiremani
P-T1-18	Occurrence and distribution of pea diseases in major growing districts of Central India	<b>Pramod Kumar Gupta</b> , Sanjay Kharte and Yogita Gharde
P-T1-19	Pathogenicity test of <i>Rhizoctonia solani</i> isolates collected from naturally infected soybean plants on different geographical location of Chhattisgarh	<b>Suresh Kumar Sahu</b> and Ashwarya Lalit Tandon
P-T1-20	Race analysis of blast pathogen population suggests the use of <i>Pik</i> and <i>Pik-s</i> (R genes) for devising resistance-breeding strategy for three agro-climatic zone of Chhattisgarh	<b>Jahaar Singh</b> , R.K. Dantre and M. Srinivas Prasad
P-T1-21	RT-RPA coupled CRISPR-Cas12a based detection of Bean Common Mosaic Virus (BCMV)	<b>Shahjahan Rashid</b> , Sumiah Wani, Nulevino Iralu, Dasari Meghanath, Gowhar Ali and Aflaq Hamid
P-T1-22	Severe recurrence of tomato big bud disease caused by ' <i>Candidatus Phytoplasma australiaticum</i> ' and ' <i>Candidatus Phytoplasma trifolii</i> ' in Madhya Pradesh and Andhra Pradesh, India	<b>Shivani Gupta</b> , Sessa Kiran Kollipara, T.M. Hemalatha, Hemavati Ranebennur, Rahul Patidar and Govind Pratap Rao
P-T1-23	Status and screening of sheath blight of rice from different districts of Madhya Pradesh	<b>Pramod Kumar Gupta</b> , Deeksha Yadav and Yogita Gharde
P-T1-24	Status of Tosopovirus Isolates Infecting Vegetables in Andhra Pradesh	<b>Ch. Ruth</b> and K. Swarajyalakshmi
P-T1-25	Studies on diversity of <i>Macrophomina phaseolina</i> (Tassi.) goid causing <i>Macrophomina</i> blight disease in Mungbean in Madhya Pradesh	<b>Shivani Nagpure</b> , Sanjeev Kumar and Ashish Kumar
P-T1-26	<i>Trichoderma</i> takeover: Exploring the diverse fungal inhabitants of apple rhizosphere from the North-western Himalayan temperate region of India	<b>Sana B. Surma</b> , Mehraj D. Shah, Sumaira Hamid, Misbah Muzaffar, Bilal A. Padder, Imran Khan and Khalid Mushtaq
P-T1-27	Triplex PCR assay for the concurrent detection of fungal pathogens <i>D. longicolla</i> , <i>Diaporthe phaseolorum</i> and <i>Macrophomina phaseolina</i> in soybean	<b>Aradhika Tripathi</b> , Jameel Akhtar and V Celia Chalam
P-T1-28	Rhizosphere microbial profiles in Glory Lily: Metagenomic and <i>In Vitro</i> Insights into soil-borne pathogen dynamics	<b>D. Shanmuga Priya</b> , M. Karthikeyan Muthusamy, I. Johnson, V. K. Parthiban and Sambasivam Periyannan
P-T1-29	Cultivation of different strains of <i>Pleurotus pulmonarius</i> on wheat and paddy straw	<b>Raut Ravindra Sunderrao</b> , Suresh Kumar Sahu, Ananya Rao and C.S. Shukla

## Theme 2: Genomics, Host-Pathogen Interaction and Host Resistance

Code	Abstract Title	Authors
P-T2-01	Anatomical study on interactions between <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i> and <i>Cicer arietinum</i>	<b>Dr. D. H. Sarnobat</b> , Dr. A. M. Navale, Dr. R. T. Gaikwad and Dr. S. V. Kolase
P-T2-02	Assessing the tolerance of citrus rootstocks to root rot caused by <i>Phytophthora nicotianae</i>	<b>Y.V. Ingle</b> , D.H. Paithankar, V.K. Kharche and Prakash Patil
P-T2-03	Assessment of enzymatic and non- enzymatic resistance mechanisms of cherry tomato genotypes and hybrids along with correlation studies of some important soil parameters against bacterial wilt incidence in the foothills of Arunachal Pradesh, India	<b>Rituraj Dutta</b> , Nangsol Dolma Bhutia, P. Raja, Siddhartha Singh, A. S. Mailappa, Chandra Deo and Khrizho Sakhamo



P-T2-04	Comparative leaf anatomy of Turcicum leaf blight resistant and susceptible maize genotypes	<b>V.S Shinde.</b> , V.A Wabale., S.B Latake. and U.S. Dalavi
P-T2-05	Elucidating the comparative biochemical and physiological changes in mosaic disease infected and healthy leaves from different cultivars of apple ( <i>Malus domestica</i> )	Subaya Manzoor, <b>Sajad Un Nabi</b> , Tariq Rasool Rather, Javid I Mir and Shugufta Parveen
P-T2-06	Exploration of genome editing, effector-protein prediction modelling and transcriptomic tools for understanding the <i>Phaseolus vulgaris</i> - <i>Colletotrichum lindemuthianum</i> interface	<b>Aasiya Nabi</b> and Bilal A Padder
P-T2-07	Exploring historical Indian wheat germplasm under the purview of resistance and susceptibility genes for spot blotch	<b>Sirisha Thakare</b> , Sakshi Prakash, Yashavanthakumar K. J., Ravindra Patil and Sudhir Navathe
P-T2-08	Identification of resistance germplasm in sesame against root & stem rot <i>Macrophomina phaseolina</i> of Sesame	<b>K. N. Gupta</b> , A. K. Vishwakarma, Rajani Bisen, Rashmi Yadav, G. P. Rao and Sanjay Kalia
P-T2-09	Integrative field and molecular screening methodologies to unravel the multiple disease resistance in soybean germplasm lines	<b>Kumar Jai Anand</b> , Pawan K. Amrate, M. K. Shrivastava and Teena Patel
P-T2-10	Isolation and characterization of <i>Fusarium fujikuroi</i> and evaluation of rice landraces for resistance to Bakanae disease in North India	<b>Shashi Pandey</b> , Deepak Ganjewala, Swagata Thakur, Gopala Krishnan S. and Bishnu Maya Bashyal
P-T2-11	QTL Mapping and candidate gene identification for loose smut resistance in wheat near isogenic population PBW 343 × W 3951	<b>Divya Bhandhari</b> , Ritu Bala, Puja Srivastava, Vineet K Sharma and Jaspal Kaur
P-T2-12	Scouting resistance for bunts and smuts affecting the Wheat production in India	<b>Ritu Bala, Jaspal Kaur and Puja Srivastava</b>
P-T2-13	Screening & selection for resistant sources of linseed against <i>Alternaria</i> blight ( <i>Alternaria lini</i> ) at Raipur location	<b>Aradhana Singh Paikra</b> , Nandan Mehta, Ashulata Kaushal and Tarun Pradhan
P-T2-14	Seed pathology studies on different varieties of Rajmash ( <i>Phaseolus vulgaris</i> L.) under dryland conditions of Kashmir Karewas	<b>Efath Shahnaz</b> , Z. A. Dar, A. A. Lone, F. A. Bahar, Mehfuza Habib, Seerat un Nisa, Sabeena Naseer, Shabeena Majeed, Zahida Rashid, Saba Banday, Ali Anwar and Shahida Iqbal
P-T2-15	Standardizing blotter paper technique for soybean against charcoal rot disease caused by <i>Macrophomina phaseolina</i> (Tassi) Goid	<b>Manjusha Sidar</b> , Ashulata Kaushal, Ruparani Diwakar and Aradhana Singh Paikra
P-T2-16	Studies on plant growth promoting (PGP) activity of bacteria isolated from Cucumber rhizosphere	<b>Upma Dutta</b>
P-T2-17	Tissue-specific metabolic signatures in rice against emerging bakanae disease caused by <i>Fusarium fujikuroi</i>	<b>Swagata Thakur</b> , Jagdish Yadav, Aditi Kundu, Gopalakrishnan S. and Bishnu Maya Bashyal
P-T2-18	<i>Trichoderma</i> –plant–pathogen interactions strategies for selection of potential isolate and biocontrol applications	<b>Ayushi Dole</b> and A. S. Kotasthane
P-T2-19	Molecular and metabolic insights into <i>Trichoderma</i> 's role in combatting soil-borne pathogens of <i>Gloriosa superba</i>	<b>D. Shanmuga Priya</b> , M. Karthikeyan Muthusamy, I. Johnson, V. K. Parthiban and Sambasivam Periyannan
P-T2-20	Exploring the molecular basis of plant-pathogen interactions through transcriptomics	<b>Gnanasing Jesumaharaja L</b> , Ahila Devi P, Hembram S., P. M. Bhattacharya., A. Roy and A. K. Chowdhury
P-T2-21	An investigation into rice phyllosphere microbiome in relation to blast disease	<b>Kuleshwar Prasad Sahu</b> , Asharani Patel, Ashajyothi M. , Prashant P. Jambhulkar and Aundy Kumar
P-T2-22	Development of near isogenic line of Lr28 in PBW343 background of bread wheat by marker assisted backcross breeding	<b>Ashwini Marotirao Charpe</b> , Kumble Vinod Prabhu and Jyoti Saxena

### Theme 3: Innovative and Novel Management Strategies

Code	Abstract Title	Authors
P-T3-01	Efficacy of fungicides, bioagents and plant extract against seed borne mycoflora of Chickpea	<b>Sandip Dipakrao Ingole</b> , Tini Pillai, R. W. Ingle and K. L. Ugalmugale
P-T3-02	An integrated approach to disease management of field pea ( <i>Pisum sativum</i> L.) ascochyta leaf blight in India	<b>Bishal Roy</b> , Kailash Pati Singh Kushwaha and Rajshree Verma
P-T3-03	Antimycotic activity of biosynthesized copper nanoparticles against fungal plant pathogens of chickpea	<b>Gitanshu Tarendra Dinkwar</b> , Vijay Kumar Yadav, Tini Pillai and Shital Pudake
P-T3-04	Assessment of fungicides, bio-agent and botanicals against <i>Fusarium</i> wilt of betelvine	<b>Samir Babarao Zade</b> , Swapnil M. Wankhade, C. U. Patil and Shrikant B. Bramhankar
P-T3-05	Bioefficacy of symbiotic bacteria associated with entomopathogenic nematodes against sucking pests of cotton	A. B. Pohankar, N.V. <b>Lavhe</b> , P.R. Panchbhair., S.V. Dhonde, V.K. Biradar, S.L. Borkar, H.R. Sawai and V.J. Rathod
P-T3-06	Bioengineered nanomaterials, phytoextracts and biocontrol agent-based management of <i>Sclerotinia sclerotiorum</i>	<b>Uma Shankar Rajput</b> , Atul Upadhyay, Subhash Chandra, Munni Kumari, Jashanpreet Singh and Kartikey Pandey
P-T3-07	Biogenic synthesis and application of chitosan-stabilized copper nanoparticles for managing damping-off disease in Chilli	<b>S. B. Bramhankar</b> , Tanvi S. Khobragade, Y. V. Ingle, S. A. Kakad, D. G. Tathod and S. B. Zade
P-T3-08	Biogenic synthesis of chitosan-stabilized copper nanoparticles for management of damping-off disease in Brinjal	<b>S. B. Bramhankar</b> , Nileshkumar Ramendlawar, M. V. Totawar, S. A. Kakad, D. G. Tathod and S. B. Zade
P-T3-09	Characterization of major diseases of Onion and evaluation of important biocontrol agents from Southern districts of Karnataka	Haritha Mohan M, <b>Sriram S</b> and Sandeep Kumar G. M.
P-T3-10	Chitosan-stabilized copper nanoparticles: A novel approach to controlling damping-off disease in Tomato	<b>S. T. Ingle</b> , M. V. Totawar, S. B. Bramhankar, Jaya D. Chavhan, S. A. Kakad, S. B. Zade and D. G. Tathod
P-T3-11	Comparative study of button mushroom and digri mushroom on the bases biochemical characteristics.	<b>Priyanka Rajpoot</b> , Mamta Rathore, C.L. Maurya and Shakti Singh
P-T3-12	Compatibility of <i>Bacillus amyloliquifaciens</i> against different biocontrol agents in grapes	Shital Pharate, Sumant Kabade, Mangesh Shirke and <b>Sujoy Saha</b>
P-T3-13	Decomposition of agriculture wastes by using microorganisms	<b>Tini S. Pillai</b> , Roshani S. Katre, P. N. Rakhonde, Gitanshu Dinkwar and Shejal V. Khadse
P-T3-14	Developing <i>Trichoderma</i> -plant-pathogen interaction screening strategies in natural habitat to select potential bioagent	<b>Ayushi Dole</b> , Puja Kundu and Anil Kotasthane
P-T3-15	Dynamics of soil borne fungal pathogens and their management in the mid hills of Meghalaya	<b>Tasvina R. Borah</b> , Shruti Sing, Mahasweta Chakraborty and Pankaj Baiswar
P-T3-16	Effect of foliar application of plant growth promoting <i>Pseudomonas fluorescens</i> strain 9704 on rice yield and its deployment in large grower fields	<b>Anil Kotasthane</b> , Sakshi Priya Awadh and B.P. Tripathi

P-T3-17	Effect of <i>Trichoderma</i> based copper nanoparticles on seed germination and viability of Pigeon Pea	<b>Nitin V. Gurav</b> , Sunil T. Ingle, Mohan V. Totawar, Shrikant B. Bramhankar and Prachi Kalane
P-T3-18	Efficacy of bioagents, botanicals and fungicides against watermelon wilt incited by <i>Fusarium oxysporum</i> sp. niveum under <i>in vitro</i> condition	<b>Sandip Ranjale</b> , Dr. Sanjay Kolase and Chaitra Veeresh
P-T3-19	Efficacy of chitosan nanoparticles and <i>Bacillus subtilis</i> against chickpea wilt disease	<b>S. B. Latake</b> , Bana Sravani and T.K. Narute
P-T3-20	Efficacy of plant extracts against seed and soil borne disease of Green Gram	Dr. S.D. Somwanshi, <b>Hasna Hakeem</b> , Dr. Sunita. J. Magar and S.G Bhat
P-T3-21	Endophytes induced profuse rice root enables rice plant to reduce infection by root-knot nematodes <i>M. graminicola</i> .	<b>Smriti Dhruw</b> , Akanksha Shukla and A. S. Kotasthane
P-T3-22	Endophytic fungi in citrus: A sustainable approach to combat root rot pathogen <i>Phytophthora nicotianae</i>	<b>Himanshu G. Pachare</b> , Ashok Kumar and Ashis K. Das
P-T3-23	Evaluation of bioagent and organics-based products for management of diseases of <i>Aloe vera</i>	<b>R. T. Gaikwad</b> , S.R. Shinde and D. H. Sarnobat
P-T3-24	Evaluation of different microbial consortia for decomposing different wastes in <i>in vitro</i> and <i>in vivo</i>	<b>Mali Rajashri Harishchandra</b> and Dr. P. H. Ghante
P-T3-25	Evaluation of fungicides, botanicals and bio-agents against <i>Alternaria alternata</i> incitant of leaf spot of soybean	<b>Samir Babarao Zade</b> , Yogesh V. Ingle and Shrikant B. Bramhankar
P-T3-26	Evaluation of microbial consortia for enhancing seedling quality and biocontrol efficiency of Brinjal	<b>Y. V. Ingle</b> , P. V. Singrup and A. D. Harne
P-T3-27	Evaluation potential of PGPR to protect tomato against <i>Ralstonia solanacearum</i> and promote plant growth	<b>Pardeep Kumar</b> , Sachin Kumar and Twinkle
P-T3-28	Exploring citrus-associated bacterial endophytes for biocontrol of <i>Phytophthora</i> -induced root rot and gummosis	<b>Himanshu G. Pachare</b> , Nidhi H. Tabhane, Ruchira Chilbule, Ashok Kumar and Ashis K. Das
P-T3-29	Extraction and characterization of secondary metabolites from <i>Trichoderma harzianum</i> isolate using spectroscopic techniques	<b>Shital P. Pudake</b> , R. W. Ingle, Tini S. Pillai, S.S. Isokar and Gitanshu T Dinkwar
P-T3-30	Field evaluation of antimicrobials 2S Albumin Protein and Nano-ZnO formulation for management of citrus greening disease (HLB)	<b>Mrugendra G. Gubyad</b> , Gurudayal Ram Guru, Rushikesh D. Bharsakale, Sunil B. Kokane, Amol D. Kokane, Ashwani Kumar Sharma, Swadeshmukul Santra and Dilip Kumar Ghosh
P-T3-31	Harnessing defence inducers and biological agents for the management of powdery mildew and wilt in linseed	<b>Gopala</b> , Beena Nair, J.M. Parbat, V. K. Biradar, Rathnakumar A. L and Divya Ambati
P-T3-32	Harnessing microbial biofilms for sustainable plant disease management	<b>Pooja Rangnath Veer</b> , Dipak T. Nagrale, Sreenath Ragiman, Hima Bindu S and Selva Kumar S
P-T3-33	Harnessing the potential of <i>Trichoderma</i> spp. for biocontrol against <i>Sclerotinia sclerotiorum</i> and plant growth promotion of cauliflower	<b>Usha Suyal</b> and Lakshman Prasad
P-T3-34	Impact of fungicide for the management of seed borne mycoflora of black gram [ <i>Vigna mungo</i> (L.) Hepper]	<b>Kiran Netam</b> , Sachin Shankar Gote, Sushma Verma and Aradhana Singh Paikra
P-T3-35	<i>In vitro</i> and <i>in silico</i> analysis of effective volatile compounds of bacterial endophytes against <i>R. solani</i> and <i>M. phaseolina</i> infesting millets	<b>Rajasha G.</b> , I. K. Das, Shankari Meena, P. G. Padmaja, Basavaraj Raigond, Ganapathy K N., Sooganna and Tara C. Satyavathi

P-T3-36	<i>In vitro and in vivo</i> activity of bioagents, fungicides and chemicals against <i>Neoscytalidium lignicola</i> causing stem canker disease in dragon fruit	<b>Janaka datta reddy. K</b> , Dhanya M. K, Ayisha. R, Sajeena. A, and Radhakrishnan N. V
P-T3-37	<i>In vitro</i> compatibility of phosphorus and potassium solubilizing bacteria with fungicides	<b>Patil N.H</b> and Dr. S. J. Magar
P-T3-38	<i>In vitro</i> efficacy of zinc sulphate nanoparticles in mycelial growth of <i>Pleurotus sajor-caju</i>	<b>Sunita Janardhan Magar</b> , A. Padhi and S.D. Somwanshi
P-T3-39	<i>In vitro</i> evaluation of green synthesized copper nanoparticles against <i>Phytophthora drechsleri</i> f. sp. <i>cajani</i> inciting stem canker of Pigeonpea	Sunita J. Magar, <b>S. Sahu</b> and S.D. Somwanshi
P-T3-40	Indigenous plant-based solutions for sustainable citrus disease mitigation in Northeast India	<b>Deep Narayan Mishra</b> , U. K Bhattacharyya, A. Kirankumar Singh, Vikas B. Srishailam and Amit Kumar
P-T3-41	Innovative solution for the management of citrus greening vector : Citrus Psylla <i>Diaphorina citri</i> (Kuwayama)	<b>Naresh Meshram</b> , Darshan Kadam, A. Thirugnanavel, Vaishnavi Berad, Bhavika Chaudhari, Manoj Selkar and Dilip Kumar Gosh
P-T3-42	Integrated disease management of rice blast disease in drought prone rainfed ecosystem	<b>Someshwar Bhagat</b> , Amrita Banerjee, Somnath Roy, N P Mandal, BC Verma and Arunkumar C G
P-T3-43	Integrated management of charcoal rot and anthracnose in soybean: harnessing endophytic bacteria for sustainable agriculture	R. K. Singh Aman Gupta and <b>Laxman Singh Rajput</b>
P-T3-44	Integrated management of dry root rot of Chickpea using endophytes	Rekha Y, <b>V. R. Kulkarni</b> , M.S. L Rao and B.S. Patil
P-T3-45	Integrated management strategies for mitigating the red rot of sugarcane in subtropical India	<b>Sujeet Pratap Singh</b> , S.P. Singh and V.K. Shukla
P-T3-46	Interaction of <i>Trichoderma harzianum</i> isolates against soil borne plant pathogens in Chickpea	Shejal V. Khadse, Tini S. Pillai and R. W. Ingle
P-T3-47	Interaction of <i>Trichoderma harzianum</i> isolates in different area soil against soil borne plant pathogens in Tomato	<b>Tini S. Pillai</b> , Shejal V. Khadse, R. W. Ingle and Roshani S. Katre
P-T3-48	<i>In-vitro</i> and <i>in-vivo</i> management of mango anthracnose caused by <i>Colletotrichum gloeosporioides</i> (Penz. & Sacc)	<b>Sushma Verma</b> , Kiran Netam and Sachin Shankar Gote
P-T3-49	<i>In-vitro</i> efficacy of fungicide against sudden death syndrome (wilt) disease of soybean caused by <i>Fusarium oxysporum</i> f. sp. <i>virguliforme</i>	<b>Sachin Shankar Gote</b> , Kiran Netam, Sushma Verma and Aradhana Paikra
P-T3-50	Laboratory evaluation of chemical fungicides against <i>Ganoderma Lucidum</i> causing mandarin basal stem rot	K A. Lengare, <b>Y. V. Ingle</b> , Meena D. Koche and V. P. Pardey
P-T3-51	Management of early blight of Potato under central plain condition	<b>Shikha Sharma</b> , Sandhya Bakode and Karun Meshram
P-T3-52	Management of macrophomina blight disease of Mungbean using botanicals	<b>Shivani Nagpure</b> , Sanjeev Kumar and Ashish Kumar
P-T3-53	Management of powdery mildew of green gram by using chemical and biocontrol agents	<b>P. N. Rakhonde</b> , D. J. Anvikar, S. S. Mane and A. D. Harne
P-T3-54	Management of stem rot of Groundnut by antagonistic microorganisms	<b>Annasaheb Maruti Navale</b> and Shubhangi Subhash Kadam
P-T3-55	Microbial inoculum infused solid matrix priming (SMP) of seed affects microbial colonization and improves seedling vigor	<b>Shambhavi Rana</b> and Anil S Kotasthane
P-T3-56	Natural Defense: exploring antifungal compounds from biocontrol agents to combat spinach diseases	<b>Uditi U. Raval</b> and Sanjay S. Ingle

P-T3-57	Post harvest management of anthracnose of mango under <i>in vitro</i> condition	Sanjay Kolase and Supriya Nikam
P-T3-58	Potential of indigenous lignocelluloses degrading synthetic microbial communities (SynCom) to accelerate crop residue decomposition and development of suppressive soil for disease management in regenerative agriculture	<b>G.P. Jagtap</b> and V.S. Shinde
P-T3-59	<i>Pyricularia oryzae</i> expresses reduced sensitivity to ergosterol biosynthetic inhibitor and two site non-specific fungicides: Some speculations	<b>Nidhee Yadav</b> and R.S. Netam
P-T3-60	Red seaweed-based, eco-friendly formulation for sustainable management of plant fungal diseases	<b>Narendrakumar Sekar</b> , Sri Sailaja Nori and Girish T R
P-T3-61	Role of varieties and chemical insecticides in the management of yellow mosaic disease of Soybean	<b>Shlokeshwar Raj Sharma</b> , Prashant Srivastava, Nidhi Verma, Aashutosh Sharma and Vishal Meshram
P-T3-62	Seedling root treatment with an endophyte <i>Pseudomonas fluorescens</i> strain 9704 for deployment in large grower fields	<b>Anil Kotasthane</b> , T. Agrawal, Sandhya Sahu, Amit Mahilang, Parshuram Rathod, Upendra K. Nag, B. P. Tripathi and R S Netam
P-T3-63	Sesame phyllody causes and management	<b>K. N. Gupta</b> , A. K. Vishwakarma, Rajani Bisen, Rashmi Yadav and Shubham Mishra
P-T3-64	Soybean root rot complex and their biological management	<b>Amol S. Zape</b> and Rajendra. M. Gade
P-T3-65	Sustainable synthesis of zinc oxide nanoparticles from <i>Trichoderma harzianum</i> and its antifungal effect against <i>Alternaria brassicae</i>	<b>Deep Narayan Mishra</b> and Lakshman Prasad
P-T3-66	Synthesis, characterization and efficacy of bioinspired copper nanoparticles against <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i>	<b>Nitin V. Gurav</b> , Sunil T. Ingle, Mohan V. Totawar, Shrikant B. Bramhankar and Milind S. Joshi
P-T3-67	VNMKV Biomix- A novel product in management of plant health	<b>C.V. Ambadkar</b> , S.L. Badgujar and K. P. Nirwal
P-T3-68	Integrated management of macrophomina stem blight and dry root rot in pigeonpea: efficacy of biocontrol agents and fungicides	<b>Mallikarjun Kenganal</b> Rahul Gadde Gururaj, S., Yenjerappa S.T and Muniswamy S
P-T3-69	Non-target and harmful effects of fungicides and their management for eco-friendly and sustainable crop production	<b>Sanjay Kumar Goswami</b>

#### Theme 4 : Epidemiology and Climate Change Effects

Code	Abstract Title	Authors
P-T4-01	Epidemiology and management of <i>Fusarium</i> head blight, an emerging disease of wheat in West Bengal	<b>Arkadeep Sarkar</b> , Raghunath Mandal, Subrata Dutta, Anirban Maji and Subham Dutta
P-T4-02	Cotton leaf curl virus disease: Potential threat in Punjab - horizontal analysis through Turkey's HSD post hoc tests	<b>Rupesh Kumar Arora</b> , G.S. Walia, R.K. Pal, Paramjit Singh and Sony Bora
P-T4-03	Distribution, key influencing factors and management of Anthracnose/pod blight a key soybean disease in central India	<b>Pawan K. Amrate</b> , Priyanshi Raghuvanshi, Sanjay Kharte, Kumar Jai Anand and M. K. Shrivastava
P-T4-04	Exploring the potential of <i>Colletotrichum musae</i> to infect a wider range of tropical fruit crops and a weed host <i>ageratum</i> spp.	Durga Venkata Ravi Teja Amulothu and <b>Subbaraman Sriram</b>



P-T4-05	Remote sensing, imaging, models, tools for disease forecasting and monitoring	<b>Dinesh Chand</b> and Jyoti Jhirwal
P-T4-06	Spray inoculation technique of <i>Rhizoctonia solani</i> causing sheath blight disease in rice	Monika Naik, Amit and Anil <b>Sudhakar Kotasthane</b>
P-T4-07	Study the effect of weather parameters on sheath blight disease development in Chhattisgarh plains, India	<b>Sant Ram Sahu</b> , Dayasagar, P K Tiwari and Deepak Gauraha
P-T4-08	Weather based empirical forewarning model for powdery mildew disease of kharif Urdbean	<b>Ashwini Marotirao Charpe</b>
P-T4-09	Wheat blast: A global agricultural crisis unfolding	<b>Hima Bindu S</b> , Sreenath Ragiman, Selva Kumar S and S.P. Gawande
P-T4-10	Influence of climate change on plant diseases and their management in Sagar district of Madhya Pradesh	<b>Ashish Kumar Tripathi</b>

### Theme 5 : Regulatory and Policy Issues

Code	Abstract Title	Authors
P-T5-01	A modified micro-grafting technique for production of pathogen-free citrus planting material	<b>D. M. Kadam</b> , K. Nimbalkar, A. K. Das, N. M. Meshram, A. Thirugnanavel, S. S. Roy and D. K. Ghosh
P-T5-02	Exploring agripreneurial opportunities in the phytopathology sector	<b>Subhra Saikat Roy</b> , Manju Gurjar, Sharanya Paliwal, Sunil Kumar UT, Ashis Kumar Das and Dilip Kumar Ghosh

**Note:** All the poster presenters are requested to fix their posters at **Sapphire – II (K C Mehta Hall)** at the Venue before 16.00 hrs. on 19<sup>th</sup> January, 2025

## Exhibition Stalls

Day 1: 11.30 – 17.30 Hrs.  
Day 2 : 9.30 – 17.30 Hrs.  
Day 3 : 9.30 – 13.30 Hrs.

Sapphire – II  
**(K C Mehta Hall)**  
Ground Floor





**IPS National Conference - 2025 @ Nagpur**