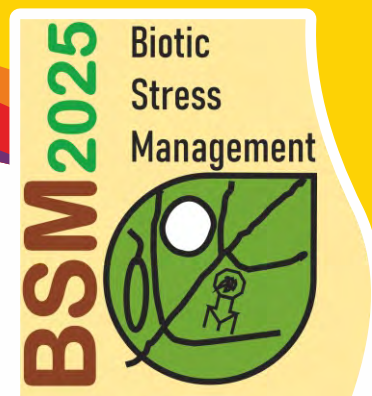


First Circular



National Conference on

Novel Strategies for Biotic Stress Management in Crop Plants

Venue

ICAR-National Institute of Biotic Stress Management, Raipur, Chhattisgarh

Date

11-12 December, 2025

Organisers

**Biotic Stress Management Society (BSMS)
Raipur, Chhattisgarh**



**Indian Phytopathological Society
New Delhi**





Conference Title

Novel Strategies for Biotic Stress Management in Crop Plants

Venue

ICAR-NIBSM, Raipur, CG

Date

11-12 Dec 2025

Organizers

Biotic Stress Management Society (BSMS), Raipur and Indian Phytopathological Society, New Delhi

About the conference

In today's world, the growing population demands matching food production and that in turn demands more crop acreage under cultivation, which is practically not feasible due to the rapid industrialization. Thus, to feed the growing population we have to reduce the crop losses caused by biotic and abiotic threats. Most of the abiotic threats like flood, draught is very uncertain and difficult to manage. However, crop losses caused by biotic threats including plant diseases, pests are manageable with timely adoption of appropriate control measures. Thus, the required food production can only be resorted to a greater extent through minimising the losses due to biotic factors. To address these challenges, the plant protectionist, globally, engage to devise novel low-input management options for biotic threats.

Biotic Stress Management Society (BSMS), Raipur and Indian Phytopathological Society, New Delhi have come together to address these challenges and emerging issues in the field of plant protection. The present national conference entitled "Novel Strategies for Biotic Stress Management in Crop Plants" w.e.f 11-12 Dec, 2025 is one of that kind that primarily focused to discuss and deliberate on research & development in Plant protection as a whole and to formulate the roadmap for future towards meeting the food security. The conference would deliberate the topic into six thematic sessions, including Detection, Diagnostics of biotic stresses; Population biology/ diversity/ genomics of biotic stresses; Novel genes, Resistance breeding & Host-pathogen Interaction; Innovative and novel biotic stress management strategies; Epidemiology & climate change effects and biotic stress related policy issues.



The Organizing Committee invite your active participation to this scientific event which would certainly add valuable insight for this novel cause of biotic stress management. We hope that deliberations during the two days conference would certainly lead to solid recommendation for the stakeholders towards protecting plant health for sustainable crop production.

Conference Themes

Session 1: Detection, diagnostics of Biotic stresses

- Emerging, re-emerging and exotic & invasive pests: Taxonomy, Biology, Characterization
- Robust & advanced detection/diagnostic kits
- AI & IoT based detection apps/gadgets

Session 2: Population biology/ Diversity/Genomics of Biotic Stresses

- Population dynamics
- Diversity/Similarity analysis
- Genomics, Bioinformatics, Transcriptomics and Metabolomics

Session 3: Novel genes, Resistance breeding & Host-pathogen Interaction

- Novel genes (*Executor/Resistance/Susceptibility*-genes) for biotic stress management
- Molecular host-biotic stress interactions/Effector mediated pathogenesis
- Molecular breeding, Pre-breeding, Speed breeding for host resistance

Session 4: Innovative and novel biotic stress management strategies

- Phytobiome/Microbiome/Endophytes in plant health management
- Novel Molecules: Biostimulents, botanicals, Nano-Formulations and Fungicides
- siRNA, TALEN, VIGs, CRISPR-Cas based editing technologies

Session 5: Epidemiology & Climate change Effects

- Climate Change Effects on pathogen growth, distribution and disease progression
- Remote sensing, imaging, models, tools for disease forecasting & monitoring
- Epidemiology, Forecasting, Monitoring and Crop Loss Assessment

Session 6: Biotic Stress related Policy Issues

- Entrepreneurship/Industry Engagement/Participatory programme of Farmers and Scientists towards *Viksit Bharat*
- Precision agriculture techniques, Drones, robotics and advanced automation
- Biosecurity, Phytosanitary Regulations, Quarantine, and IPR Issues

Registration

Category	Early bird (within Sept 30, 2025)	Normal (within Oct 30, 2025)	On-spot (11-12 Dec, 2025)
Scientist/Faculties	4,000/-	5,000/-	6,000/-
Students	2,000/-	2,000/-	2,500/-
RA/SRF/YP	3,000/-	3,500/-	4,000/-
Corporate representatives/others	8,000/-	10,000/-	12,000/-
Accompanying person	3,000/-		

Registration and special offer for membership: Registering to the BSM2025 within 30th October, 2025 will offer the life member to the BSMS without any added cost. Just hurry to register by the deadline.

Mode of payment

Payment should be made online as per the bank account detail given below. The online payment can also be made through the QR code of the bank ac provided below. Proof of payment should be sent through email at bsmsconf2025@gmail.com

A/c Holder name: **JAIVIC STRESS PRABANDHAN SANSTHA**
ICAR-NATIONAL INSTITUTE OF BIOTIC STRESS MANAGEMENT, Raipur

Savings bank A/c No.: **50200104760700**

Bank name and branch: **HDFC BANK LTD, GROUND FLOOR, NAVBODH TOWER,**
SHANKAR NAGAR, RAIPUR, RAIPUR-492007, CHHATTISGARH

IFSC of the bank: **HDFC0002496**



Pre-registration and abstract submission

The Organizing Committee invites the submission of abstracts of the paper for oral/poster presentation.

- Abstract submission opens: September 25, 2025
- Last date for abstract submission: October 25, 2025
- Acceptance of abstracts: November 15, 2025

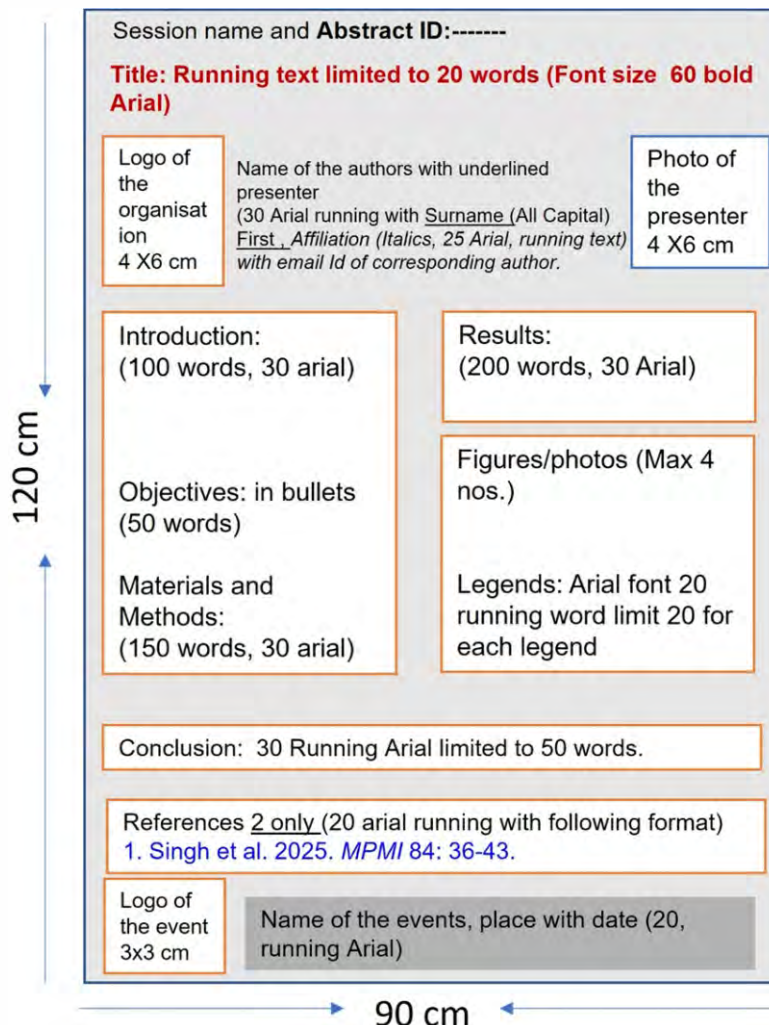
Abstract may be submitted as a MS Word file attached to an e-mail bsmsconf2025@gmail.com. Registration is mandatory for abstract acceptance. The final placement of the abstracts under oral or poster will be decided by the Programme Committee.

Guidelines for Abstract

- Abstract should include title, name, affiliation and address of all authors, email address of the corresponding author and the main text.
- Type text using single space in Times New Roman font: Title: 14-point bold font, Names of authors: 12-point bold font: Affiliation (name of Institute/university). 11-point font, Address: 10-point font and Main text: 10-point font.
- Name of the presenter should be underlined and name of corresponding author to be starred with an asterisk (*).
- Abstract should not exceed 250 words.

Posters

The Posters should be brief, self-explanatory and informative. The size of the poster should be such that it can fit well in the poster panel of 90 cm x 120 cm (width x height). For ready reference the format of poster is provided.





Oral Presentation

Each technical session will have two oral presentations. Paper(s) for oral presentation will be selected from among the abstracts contributed on before October 25, 2025.

Contributory Papers

The articles of the Lead and / Invited and Oral presentations would be published in a special issue of the *Journal of Biotic Stress Sciences*. The complete paper should not exceed 10 pages of A4 size typed in the format of the Journal. A soft copy of the papers should be submitted online at bsmsconf2025@gmail.com within 15 days of receiving the communication of selection.

Facilities Available

Projection Facilities: LCD projectors will be available for oral presentation. The presentations should be in the Microsoft PowerPoint format (ppt) or any other compatible format.

Poster Presentation

Boards for Poster presentations that can accommodate 90 x 120 cm posters will be provided at the Conference venue.

Awards

Best oral presentation award

Oral presentations will be evaluated by a committee for the selection of the best oral presentation awards.

Best poster presentation award

Displayed posters will be evaluated for the awarding the best poster presentations.

Accommodation, Travel and Local Logistics:

For accommodation, please contact:

Dr. Vinay Kumar, PS
Chairman, Accommodation Committee
E-mail: vinaybt_04@rediffmail.com
Mobile No. 9479038713

For travel & logistics please contact:

Dr. Pankaj Sharma, JD (SCHBR)
Chairman, Transport Committee
E-mail: pksvirus@gmail.com
Mobile No. 8949439288



Weather at Raipur:

The December month is very pleasant in Raipur with mild winter temperatures ranging from 14°C to 27°C. Light cotton and woollen cloths are recommended for a comfortable stay.

Reaching Raipur:

Raipur is well connected by road, rail, and air to all major cities in India. The ICAR-NIBSM campus is located 25 km away of the railway station and 35 km away from Swami Vivekananda Airport.

Sponsorships

Privileges	Platinum Rs 7.0 L	Diamond Rs 5.0 L	Gold Rs 4.0 L	Silver Rs 3.0 L	Bronze Rs 2.0 L
Company logo on Conference website	√	√	√	√	√
Promotional material in the delegate bags	√	√	√	√	√
Advertisement in Conference souvenir/abstract book	Full Page	Full Page	Half Page	Half Page	-
Special flex/banner in display zone	√	√	√	√	-
Free Registration for persons	3	2	1	1	-

Other Sponsorship Opportunities:

The organizers invite other sponsorship opportunities as follows:

- **Lunch/High Tea/Dinner sponsorship:** Sponsorships are open for hosting high tea (@Rs 200/- per person), lunches (@ Rs 700/- per person) and special dinner @Rs 1000/- per person) for a minimum of 300-500 participants.
- **Special flex/banner display zone:** Companies can display their new products on banners (5 x 2.5 feet) for 10000/- per banner.

Post-conference local sightseeing & major attraction of Raipur:

The organizer will provide a desk for local sightseeing to major attraction of the Raipur & nearby places. The package expenses will be paid directly to the tour operators at the desk only.



Doodhadhari Monastery



Mahadev Ghat Temple



Mahant Ghasidas Museum



Vivekananda Sarovar



Nandanvan Jungle Safari

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