



National Symposium



On

Synergies for Sustainability: Fostering Academia-Industry Collaboration in Plant Health Management

September 11-12, 2025



Organized by

Himalayan Phytopathological Society

&

Department of Plant Pathology

Dr YS Parmar University of Horticulture & Forestry

Nauri-173 2330 Solan (HP) INDIA

ABOUT THE SOCIETY

“Himalayan Phytopathological Society,” Department of Plant Pathology was formed in 2017 and has been registered under the Societies Registration Act, 2006 with Registration No. PSH/16/892/2018 dated 31.12.2018. The Society has been formed with a vision to create a forum for discussion, deliberations, communication for furthering the discipline of plant pathology to develop sustainable disease management practices for the crops grown in the Himalayan region and other areas. The Society is engaged in organizing various activities like Workshops, brainstorming sessions, guest lectures, field visits for farmer-scientist interaction, excursion visits, publication of E-Magazine- Technology Notes to further the science and technology output out of plant pathology.

Since its inception, the Society has organized important workshops and symposia either individually or in collaboration at the National and International level such as 1. National Symposia on ‘Biorational Approaches in Plant Diseases Management’ on October 27-28, 2017; 2. ‘Alternative Approaches in Plant Health Management for Enhancing Farmers' Income’ on November 2-3, 2018 at the main campus of the University at Nauni. The Society also organized a satellite Symposium on “Crop Protection in Horticulture” in collaboration with International Association for the Plant Protection Sciences (IAPPS), ICRISAT as one of the events during the XIX International Plant Protection Congress (IPPC 2019) on “Crop Protection to Outsmart Climate Change for Food Security & Environmental Conservation” at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) on 10-14 November, 2019, Hyderabad, Telangana, India. In May 2021 and 2022, the Society organized a hybrid national symposium on “Plant Health Management beyond 2020” and “Novel Strategies in Plant Stress Diagnosis and Management” at Dr YS Parmar University of Horticulture and Forestry, Nauni Solan. The IPS North Zone meet and National Symposium of Himalayan Phytopathological Society on “New Vistas in Plant Pathological Research was organized in collaboration with CSKHPKV Palampur on November 7- 8, 2024. In addition, to promote excellence in the field, the Society has instituted awards like: Dr R.L. Munjal Best Ph.D. Thesis Award, Young Scientist Award, Innovative Farmer Award, Lifetime Achievement Award. To apply for these awards this year, please follow the guidelines and instructions on the university website (https://www.yspuniversity.ac.in/mpp_society) To provide technology dissemination, E-Magazine “Technology Notes” is being published online on the University website and the 10th issue (January to June, 2025) of the same has been published during January this year.

ABOUT THE UNIVERSITY

Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Solan, was established on 1st December, 1985 to promote education, research and extension education in the fields of Horticulture, Forestry and allied disciplines. Its history lies in the erstwhile Himachal Agricultural College, Solan, established in 1962 and affiliated to the Punjab University. It became one of the campuses of the Agriculture Complex of Himachal Pradesh University on its formation in 1970. Consequent upon the establishment of Himachal Pradesh Krishi Vishvavidyalaya in 1978, this campus became its Horticulture Complex and finally in 1985, assumed the status of a State Agriculture University. Presently, the University has four constituent colleges, out of which, two are located at the main campus Nauni, one for horticulture and the other for forestry, having 9 and 7 departments, respectively. The third College i.e., College of Horticulture & Forestry is located at Neri, District Hamirpur. The college offers three Undergraduate Degree Programmes i.e. BSc (Hons.) Horticulture, BSc (Hons.) Forestry and B. Tech. Biotechnology and MSc degree programme in a few subjects. The fourth college i.e. College of Horticulture and Forestry, Thunag is located at Thunag, District Mandi. This college offers a BSc (Hons.) Horticulture and BSc (Hons.) Forestry degree programmes. In addition, there are five Regional Research Stations, 12 Satellite Stations and five Krishi Vigyan Kendras (KVKs) situated in different zones of the State.

The University is located at Nauni in Solan District of Himachal Pradesh, 13 km from Solan on Solan- Rajgarh Road, at an elevation of 1300 meters above mean sea level. Solan town is situated on the national highway (NH-22) and is well connected by train and bus services.

THEME OF THE SYMPOSIUM

The current agricultural landscape faces mounting challenges like climate change, land degradation, water scarcity, and declining soil fertility, all while trying to meet rising global food demand. Technological advancements such as precision farming, GM crops, and sustainable practices are improving productivity, but uneven adoption, particularly in developing regions, continues to create yield gaps. Bridging these gaps requires technological solutions, better policies, knowledge dissemination, improved infrastructure, and adaptable farming practices. Collaboration between academia and industry plays a crucial role in addressing these issues by fostering innovation, enhancing technology transfer, and creating scalable, practical solutions. Academic institutions contribute foundational research, while industries provide resources, infrastructure, and market insights to commercialize technologies, making them accessible and affordable. Joint efforts also address knowledge gaps through training, workshops, and internships, while developing region-specific solutions. Ultimately, these collaborations enhance productivity, promote sustainability, and improve resource efficiency, helping to effectively close agricultural productivity gaps. In addition, the symposium would also outline potential role of recent genomic tools in deciphering combined stress tolerance in plants. This symposium will therefore be helpful for researchers in assessing the possibilities of collaborations between Research Institutes and Industry in mitigating the various bottlenecks in securing the food safety. Further, the symposium will be helpful for scientists to design relevant strategies for the industrial needs in developing human resources ready to fit in the industry. Eminent Scientists engaged in Plant Health Management research in reputed Universities, ICAR-National Institutes and Agrochemical industry in India are being invited to share their knowledge on the themes of the symposium mentioned below.

1. Impact of climate change on plant diseases and their management
2. Organic farming, Natural farming, and bioresource management for plant stress amelioration
3. Role of biotechnological tools in sustainable farming
4. Nutritional value and cultivation techniques of mushrooms
5. New generation fungicides in plant disease management
6. Role of IoT and AI in present-day agriculture
7. Biosecurity and biosafety approaches in regulating the looming threats
8. Academia-Industry Interaction

CALL FOR ABSTRACTS

Abstracts in your area of expertise are invited in the following format:

Font	:	Times New Roman
Theme area Title	:	Font size 12 regular
Paper Title	:	Font size 14 bold
Author (s) Name	:	Font size 12, presenting author underlined
Affiliation	:	Font size 10 should include postal address & email address
Text	:	Font size 12 regular with single spacing
Word limit	:	250

Email ID for correspondence: hpssymposium2025@gmail.com

Last date for abstract submission: June 30, 2025

REGISTRATION FEE

Members: ₹ 2500/- **Non-members:** ₹ 3500/- **Students:** ₹ 2000/-

The participants can pay the Registration Fee in favour of A/C name: Himalayan Phytopathological Society; Bank Name- UCO Bank, UHF, Nauri, HP 173230; Account number: 09690100001689; IFSC code: UCBA0000969. After remitting the requisite fee, the intimation in the prescribed registration form may be sent to the Organizing Secretary through e-mail: hpssymposium2025@gmail.com

CHIEF PATRON

Dr Rajeshwar Singh Chandel

Hon'ble Vice Chancellor

Dr YS Parmar University of Horticulture & Forestry, Nauni, Solan (HP)

PATRONS

Dr Sanjeev Chauhan

Director of Research

Dr Manish Sharma

Dean, College of Horticulture

NATIONAL ADVISORY COMMITTEE

Dr TR Sharma
Dr RC Sharma
Dr BC Suman
Dr AK Gupta
Dr SC Bhardwaj
Dr SK Rana
Dr KD Sharma
Dr KP Singh
Sh Sanjiv Kanwar
Sh. Sandeep Gadre

Dr VS Thakur
Dr JN Sharma
Dr LN Bhardwaj
Dr HR Gautam
Dr PN Sharma
Dr SC Bhardwaj
Dr DK Banyal
Dr Sanjeev Sharma
Sh Ashish Dobhal
Dr Rajesh Sharma

Dr PK Chakraborty
Dr SK Sharma
Dr NP Dohroo
Dr Sunita Chandel
Dr SK Sugha
Dr Jyotsna Sharma
Dr MS Saharan
Dr AN Chandrani
Dr Ashutosh Bhaik
Sh Surender Agarwal

Dr VK Baranwal
Dr RL Sharma
Dr IM Sharma
Dr TS Thind
Dr YS Paul
Dr Dilip K Ghosh
Dr PS Sandhu
Sh Ajai Rana
Sh Hari Singh Chauhan
Dr Vijay Thakur

Dr VK Gupta
Dr KD Verma
Dr SK Gupta
Dr VP Sharma
Dr Kishore Khosla
Dr Dinesh Singh
Dr OP Gangwar
Dr VB Gade
Dr Rameshwar Rattan
Dr Vijay Khambare

ORGANIZING COMMITTEE

CONVENOR

Dr Satish Kumar Sharma

Professor and Head

President Himalayan Phytopathological Society

(Mobile: 9418059929)

ORGANIZING SECRETARY

Dr Bhupesh Kumar Gupta

Senior Scientist

(Mobile: 9418451881)

CO-ORGANIZING SECRETARIES

Dr Shalini Verma

Senior Scientist

(Mobile: 9816250009)

Dr Manica Tomar

Senior Scientist

(Mobile: 8219970255)

COMMITTEE MEMBERS

Dr Anil Handa
Dr Usha Sharma
Dr RS Jarial
Dr Aditi Sharma

Dr Dharmesh Gupta
Dr Arti Shukla
Dr DP Bhandari
Dr Kaushal Attri

Dr Sandeep Kansal
Dr Meenu Gupta
Dr Neelam Kumari
Dr Kishor Sharma

Dr RK Mandradia
Dr Kumud Jarial
Dr Savita Jandaik
Dr Ajay Bragta

Dr NK Bharat
Dr Monica Sharma
Dr Jaya Chaudhary

Department of Plant Pathology

Dr YS Parmar University of Horticulture & Forestry

Nauni 173 230 Solan (HP)

Phone: 01792 252140

E-mail: hpssymposium2025@gmail.com



Registration Form

Name : _____

Designation : _____

Organization : _____

Mailing Address : _____

Tel. : _____ Fax. : _____

E-mail: : _____

Title of the Paper : _____

Accompanying Person (s) : _____

Arrival date and time : _____

Departure date and time : _____

Accommodation required/ not required: _____

Registration fee details : _____

DD No. and Date/Online transfer details: _____

Bank name and Branch: _____ Amount: _____

Signature

Bank details for Demand Draft/Online Transfer:

Beneficiary Name : Himalayan Phytopathological Society

Bank Name & Address : UCO Bank, UHF, Nauni, HP 173230

Account No. : 09690100001689

IFSC Code : UCBA0000969

The intimation may be sent through email to

Dr. Bhupesh Kumar Gupta

Organising Secretary, National Symposium

Email hpssymposium2025@gmail.com ; Mobile No. **9418451881**