



National Symposium
On
Confluencing Indigenous and Modern
Strategies for Plant Health Management
May 26-27, 2023



Organized by
Himalayan Phytopathological Society
&
Department of Plant Pathology
Dr YS Parmar University of Horticulture & Forestry
Nauni -173 230 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. 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, 2023) 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

World population is continuously increasing at an alarming rate. To achieve global food security pressure on agriculture production systems has also increased. Therefore, plant health plays a vital role in ensuring sustainable agriculture and food security across the globe. Plants are continuously challenged by a number of biotic and abiotic factors that reduce the quality and quantity of produce. Thus, sustainable management strategies are pivotal to ensure plant health. The national symposium aims to provide deep insights on different aspects of plant health management. This forum will focus on advocating the importance of plant health among the scientists, farmers and industry. The platform will further cover the expertise of different plant pathologists, plant breeders, entomologists, biotechnologists, and microbiologists to collaborate research on precision farming for optimum profitability, sustainability and protection of resources. In addition, emerging plant health challenges such as impact of climate change, loss of biodiversity, rapid emergence of new pests and diseases, soil health, and other challenges will also be addressed. The symposium would further outline potential role of traditional and current technologies in deciphering combined stress tolerance in plants. Point of care detection methods and artificial intelligence based technologies would further strengthen the knowledge among scientific community for adoption of need-based management tactics. Further, the symposium will be helpful for researchers working on biochemical, physiological and molecular aspects of plants to blueprint sustainable approaches for ensuring plant health. Eminent scientists and researchers working on different areas of plant health management from ICAR-National Institutes, reputed Universities and Agrochemical industries in India are being invited to share their knowledge and experience on the themes of the symposium mentioned below.

1. Plant health management under natural and organic crop production
2. Bioactive compounds in botanicals and plant defense
3. Plant health management strategies under changing climate scenario
4. Mushroom cultivation for nutrition and livelihood
5. Biotechnological approaches for plant disease management
6. Artificial intelligence and IoT based approaches in plant disease management
7. Plant quarantine, biosecurity, certification and seed health
8. Farmers-Scientist-Industry interaction and technology demonstration

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: symposiumhps2023@gmail.com

Last date for abstract submission: May 15, 2023
Poster Size: 36 x 48 inches

REGISTRATION FEE

Life Members: ₹ 1000/- Members: ₹ 2000/- Non-members: ₹ 2500/- Students: ₹ 1500/-

Online Presentation: ₹ 1000/-

The participants can pay the Registration Fee in favour of A/C name: Himalayan Phytopathological Society; Bank Name- UCO Bank, UHF, Nauni, 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 Secretary HPS through e-mail: secretaryhps2018@gmail.com. Participants unable to attend the symposium offline can join online after paying the requisite fee.

CHIEF PATRON

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Hon'ble Vice Chancellor

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

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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. Dharmesh Gupta

Organising Secretary, National Symposium

Email: symposiumhps2023@gmail.com; Mobile No. 9418030489