

The organizing committee cordially invites you to participate in Symposium on “**Sustainable disease management: Approaches and applications**” at College of Agriculture, G B Pant University of Agriculture & Technology, Pantnagar, Uttarakhand during **21-23 Dec 2017**. Plant protection is a major component in the endeavor for sustained and increased production of cereals, pulses, oilseeds, fruit and vegetables. In modern India, disease spectrum and intensity are changing continuously because of dynamic nature of agriculture. The future need in plant protection technologies for agricultural and horticultural crops is to develop, modify and advance the technologies of Pest Management by exploiting their complimentary role through production system approaches. A logical disease management program has to be normally based on the knowledge of the current disease profile in a given ecosystem, and management strategies need to consider the impact of disease severity on crop yield. Plethora of research is underway in the areas on biological control; manipulations in cultural practices, biofungicides, botanicals, resistant breeding, marker assisted selection, transgenic approach and integrated pest and disease management strategies, to tackle ever imposing plant disease problems. The symposium attempts to showcase advances made by researchers for disease management in the above areas and to integrate the spectrum management measures to reduce yield losses due to diseases

Scientific programme

Under the topic of the symposium “**Sustainable disease management: Approaches and applications**” following thematic areas would be covered :

1. Microbial diversity /biodiversity for crop improvement, sustainable utilization and conservation of natural resources
2. PGPR, Bio-inoculants, Nano-technology and their role in the management of diseases
3. Biotechnological approaches for disease management
4. Disease management in medicinal and horticultural crops
5. Biotic and abiotic stress management strategies under changing climate scenario
6. Climate change, disease dynamics, epidemiology and Disease forecasting
7. Host plant resistance: Biochemical and molecular mechanisms
8. Integrated management of Phytopathogens
9. Post-harvest disease management
10. Plant clinics and Extension Plant Pathology

The general aim is to bring together students, researchers and stakeholders dealing with all aspects of management of plant pathogens to discuss approaches that could increase IDM efficacy. Oral and poster presentations would be accommodated with ample time for discussion.

Venue: The first agriculture university of the nation, G.B.Pant University of Agriculture & Technology, (erstwhile U.P.Agriculture University) was established on Land Grant Pattern of United States at Pantnagar, Distt. Udham Singh Nagar (Uttarakhand), and inaugurated by the first prime minister of the country, Pt. Jawahar Lal Nehru, on November 17, 1960. Twice, the university has received ICAR Best Institution Award. The mean temperature during the symposium period is expected to range from 10°(min) to 24°C (max).

Call for papers: Interested participants should submit abstracts (250 words including title, author(s) name and institutional address ,in Times New Roman, Font size 12, Line Spacing 1.5) on one of the thematic areas and should be mailed at ipsmez2017@gmail.com latest by **30 November 2017**. Special emphasis would be laid on encouraging researchers by providing awards in different categories viz., Best oral presentation award, best poster paper award, etc.

APS Student Travel Award: American Phytopathological Society, USA has offered the first travel award to a Ph.D. student, who is a member of IPS in 2017. Competitions among Ph.D. students in IPS-MES region would be held during the symposium. Ph.D. students of MES Zone are invited to participate in this contest in single or joint authorship. There is no age limit for the presenting author. Final competition would be held at National Symposium.

M.J. Narasimhan Academic Merit Award Contest

- i. Contestants should submit extended abstracts.
- ii. Age limit would be 35 years for the contestants
- iii. Top two presentations would receive Commendation Certificates and would be recommended to the IPS for the contest to be held at Assam Agricultural University, Jorhat - 785 013, Assam, on 15th-17th February 2018.

Registration Fee

Corporate sector	Rs 5000
Delegates	Rs 3000
Research scholars/ SRF	Rs 2000
Students	Rs. 1000
Accompanying person	Rs. 1000
Foreign delegate	\$ 500

Mode of payment: All participants are requested to register for the National Symposium by paying the Registration Fee by November 31, 2017. An additional fee of Rs.1000/- would be charged for late registration. The registration fee can be paid in the form of account payee demand draft in favour of Plant Pathology Society payable at Pantnagar. Participants can also transfer the registration fee directly to SBI, Pantnagar in favour of Plant Pathology

Society, Account No.10773370681, IFSC Code: SBIN 0001133.

Accommodation: Limited guesthouse and dormitory accommodation is available for scientists and students, respectively on payment basis at Pantnagar on first come first served basis. Delegates may also like to stay at nearby hotels such as Radisson Blu, Ark Hotel, Hotel Sonia, Hotel Rudra Continental, Hotel Amber, Ginger Pantnagar, Rosewood Apartment Hotel etc. located at Rudrapur (14 kms from Pantnagar). Assistance for booking accommodation in the hotels shall be provided on prior intimation.

Post symposium tour:

Pantnagar, situated in the foothills of Himalayas, has an easy access to tourist places such as Nainital, Bhimtal, Almora, Mukteshwar, Ranikhet, Kausani, Jim Corbett National Park, etc. that are located in the range of 60 to 100 kms from University campus. Post symposium tour to above places could be arranged on payment basis or the interested participants on 24-12-2017.

Reaching Pantnagar :

Pantnagar is well connected by air, rail and road.

By air: The airport at Pantnagar is located in the University campus. Indian Airlines (www.airindia.com) operates four flights (Delhi-Pantnagar-Dehi)per week (Tuesday, Wednesday, Friday and Sunday).

By train: Several trains run from various corners of the country via Delhi and Lucknow railway stations. All Delhi (Ranikhet, Shatabdi, Sampark Kranti Exp), Lucknow (Bagh & LGNKGGM Exp) and Varanasi (LKU-HWH Exp) bound trains reach Haldi Road, Lalkuan and Pantnagar railway station that are about 2-7 kms away from the University Guest house.

By road: Regular bus service is available from Delhi, Lucknow/ Bareilly, Dehradun, Haridwar and other major destinations of Uttarakhand to Pantnagar.



**NATIONAL SYMPOSIUM ON
Sustainable disease management:
Approaches and applications and IPS-MEZ
Annual Meeting**

21-23 Dec 2017

Registration Form

Full Name: _____

Designation: _____

Organization: _____

Mailing Address: _____

Phone : _____

Email : _____

Please tick the appropriate boxes:

I am sending registration fee of Rs by
DD No. dated payable to the
**Indian Phytopathological Society (Mid-Eastern
Zone)** payable at Pantnagar preferably in PNB/ SBI.

I am interested in presenting paper(s) as

- Poster/oral in annual meeting/ symposium
 M.J. Narasimhan Academic Merit Award
contest
 The abstract of the paper is enclosed
herewith / sent vide our letter no.
dated

**Please convey your travel plan/confirmation of
participation by 30th November, 2017.**

Signature of the Participant

Address for submission of Abstracts

**Dr. K. P. Singh,
Zonal President & Organizing Secretary
Department of Plant Pathology, College of
Agriculture, G B Pant University of Agriculture
& Technology, Pantnagar, Uttarakhand
Email: ipsmez2017@gmail.com
Phone: 09412142537(KPS); 09411324813 (AKT)
Fax No. : 05944-233076; 23352150**

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ON
Sustainable disease management:
Approaches and applications
&
IPS-MEZ Annual Meeting**

21-23 Dec 2017



Organized by

**Department of Plant Pathology,
College of Agriculture,
G B Pant University of Agriculture &
Technology, Pantnagar
&
Indian Phytopathological Society,
New Delhi**