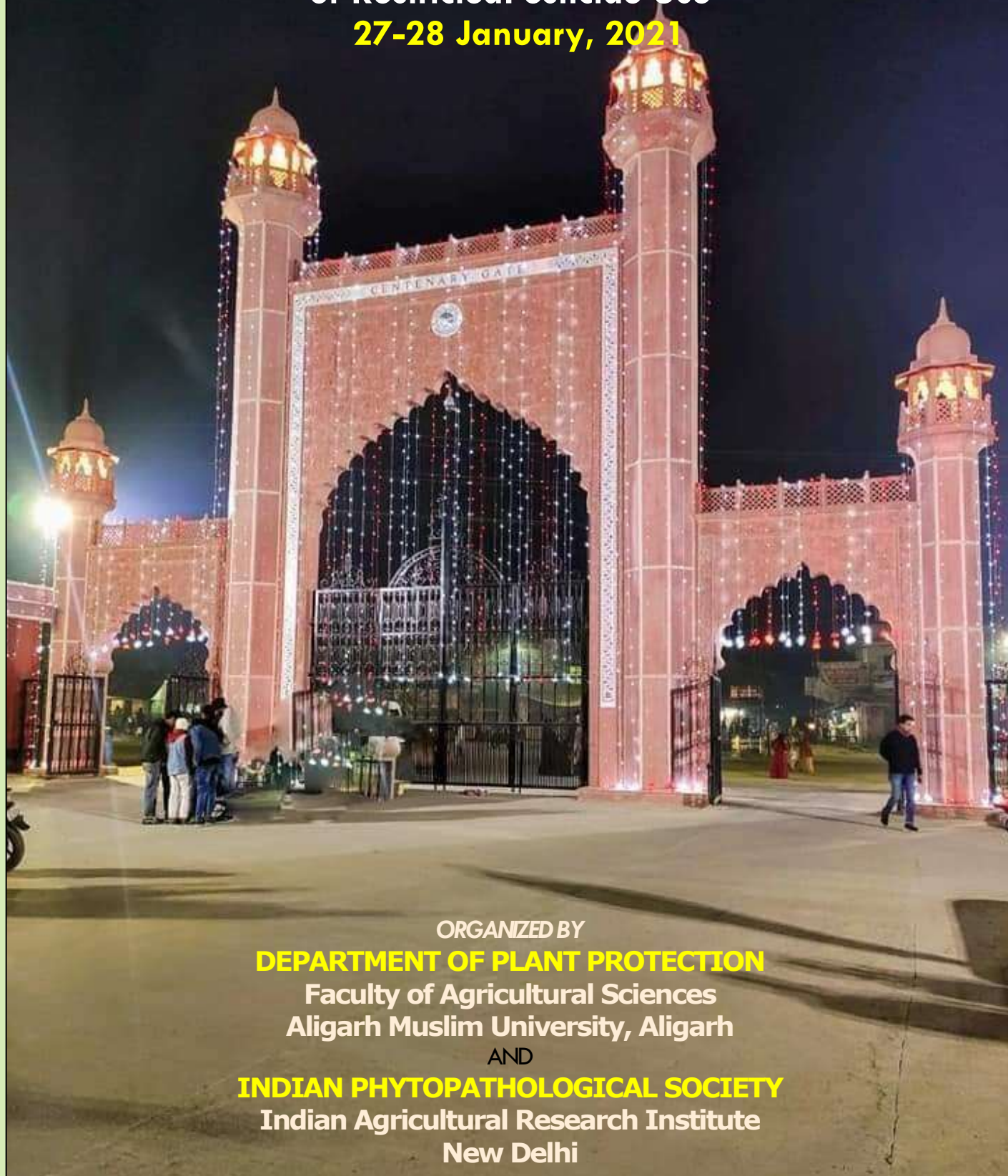




*On the Centenary Year of Aligarh Muslim University*  
**VIRTUAL CONFERENCE & IPS-MEZ ANNUAL MEETING**  
**“Biocontrol of Plant Diseases under Current Scenario  
of Restricted Pesticide Use”**  
**27-28 January, 2021**



ORGANIZED BY  
**DEPARTMENT OF PLANT PROTECTION**  
Faculty of Agricultural Sciences  
Aligarh Muslim University, Aligarh  
AND  
**INDIAN PHYTOPATHOLOGICAL SOCIETY**  
Indian Agricultural Research Institute  
New Delhi

## About the Conference

The existing consequences of climate change, frequent occurrence of pest/disease epidemics, and stagnation in the productivity of many crops, coupled with burgeoning human population have aggravated food crisis world over. In India, the average productivity is about 10-20% lower than the global averages for most of the crops. This is largely due to exceptionally small farm size, illiteracy, poverty and social backwardness among the farming community. Moreover, small/marginal farmers who constitute the major proportion of Indian farming community are exploited by the pesticide dealers who sell them the expired, adulterated and local pesticides, and as a result, pesticide treatments often fail to control the pest/disease problems. Apparently, for these reasons, frequent crop failures along with pesticide contamination occur in India. The crisis in crop production warrants appropriate plant protection planning at the national level in a way that small and marginal farmers get benefited.

Pests and diseases destroy around 30-40% of crop produce during pre-harvest and post-harvest phases. The discipline of plant protection may play a key role in increasing food production under the existing resources by protecting crops from pests and diseases. Further, due to increasing human consciousness and awareness towards pesticide toxicity, several efficacious agro-chemicals have been banned for use. In this situation, economically viable and ecologically sustainable pest and disease management approaches, such as bio-control methods are required to be commercially exploited to make the plant protection a low cost and eco-friendly practice. It is with these concerns and objective, a conference on **“Biocontrol of plant diseases under current scenario of restricted pesticide use”** is planned to bring together the entire national plant pathology fraternity and stakeholders to discuss and evolve bio-control package of practices for plant disease management.

## Aligarh Muslim University

Aligarh Muslim University (AMU) is a public university funded by the central government of India. The university is celebrating 2020 as a centenary year of its establishment. AMU was initially started as Madarstul Uloom Musalman-e-Hind in 1875 by Sir Syed Ahmad Khan, a great social reformer and nationalist. His vision that “Hindus and Muslims are two eyes of a beautiful bride” exemplifies the idea of national integrity and brotherhood. The Madarstul Uloom later became Mohammedan Anglo Oriental College. The MAO College became Aligarh Muslim University in 1920 with the status of a central university. The main campus of AMU is located in the city of Aligarh in Western Uttar Pradesh (10° and 12° N latitudes and 75° to 77° longitudes). The university has around 37,000 students on its rolls, of which around 11,000 are resident students. Besides the main campus, the university also have three fully functional off-campus centres located at Mallapuram (Kerala), Murshidabad (West Bengal) and Kishanganj (Bihar). The University is accredited by the UGC as A+ with 3.55 points, and the Faculty of Agricultural Sciences by ICAR with 3.03 points.

## Department of Plant Protection

The Department of Plant Protection, as a section of the Rafi Ahmad Kidwai Institute of Agricultural Sciences (named after the first Agriculture Minister in Independent India) was established on the recommendation of the ICAR Randhawa Committee in 1993. The section was elevated to the full fledged Department of Plant Protection under the Faculty of Agricultural Sciences in 2000. The Department offers Master's and Doctoral courses, namely M.Sc. (Ag.) Entomology, M.Sc. (Ag.) Plant Pathology, M.Sc. (Ag.) Nematology, and Ph.D. in Entomology, Plant Pathology and Nematology.

## About Indian Phytopathological Society, New Delhi

The Indian Phytopathological Society is the third largest society of plant pathologists in the world, having over 2000 members. It is an academic professional forum for promoting the science of plant pathology. The Society was established on February 28, 1947 at the Division of Mycology & Plant Pathology, Indian Agricultural Research Institute, New Delhi. The Society is devoted to the study of plant diseases and

controls, advancing modern concepts in plant health management in agriculture and forestry. The society publishes a well-refereed journal, "Indian Phytopathology" by Springer India, to share and disseminate information on the fundamental and applied aspects in the area of plant health science. It also circulates a quarterly IPS Newsletter. The society has eight zonal chapters (Delhi Zone, Northern Zone, Mid-Eastern Zone, Eastern Zone, Central Zone, Western Zone, Southern Zone and North-Eastern Zone), which organize zonal meetings and symposia/conferences annually besides the Annual Meeting.

### Call for papers

Interested participants should submit abstracts (200 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 on the online Google Form [https://ipsdis.org/index.php?route=common/home/viewnews&news\\_id=5](https://ipsdis.org/index.php?route=common/home/viewnews&news_id=5) by **25 December 2020**. Correspondence to the Organizing Secretary, Prof. Mujeibur Rahman Khan, Department of Plant Protection, Aligarh Muslim University, Aligarh U.P. may be made at [mrkhan.amu@gmail.com](mailto:mrkhan.amu@gmail.com)

### Scientific Sessions

The conference on "**Biocontrol of plant diseases under current scenario of restricted pesticide use**" shall mainly cover the following sessions on different thematic areas:

- Session 1:** Bio-control fungi and bacteria, diversity, commercial production and application methods
- Session 2:** Biotechnological, molecular and nano-technological tools for enhancing efficiency of bio-control agents
- Session 3:** Plant diseases caused by fungi, bacteria, viruses, mycoplasma etc. and their bio-management
- Session 4:** Nematode suppressive microbes and entomopathogenic nematodes
- Session 5:** Nematode problems in major crops and their bio-management

### Awards and recognitions

**Sir Syed Ahmad Khan Memorial Awards:** In fervor of centenary celebration of Aligarh Muslim University, three awards, one each in above 45 years, below 45 years and 35 years age under external and internal (AMU) categories would be presented in memory of Sir Syed Ahmad Khan, the founder of Aligarh Muslim University. Interested scientists working in any discipline of Plant Pathology & Nematology may submit detailed CV containing 100 words texts for citation, and information on employment, research publications (with Thomson & Reuter's impact factor), review articles/book chapters, books (authored/edited with ISBN number), awards, patents and research projects. Hard and soft copy (on CD) should reach the Organizing Secretary on or before 31 December, 2020, with a mention of "Age Group and External / Internal category" of the award on the top of application. Award is open for Indian Plant Pathologists from all zones. A jury of scientists will evaluate the nominations, and its decision will be final.

**APS Student Travel Award:** American Phytopathological Society (APS), USA offers a travel grant to an Indian Ph.D. student, who is a member of IPS in 2020 to attend the APS Annual Meeting. Oral presentation competitions among Ph.D. students in IPS-MEZ region would be held during the online conference. Ph.D. students of Mid-Eastern Zone are invited to participate in this contest under the category of single or joint authorship. There is no age limit for the presenting author. Two Ph. D. students would be selected for final competition that would be held at the Conference.

**Prof. M.J. Narasimhan Academic Merit Award Contest:** The oral presentation for M.J. Narasimhan Academic Merit Award contest is open to all the members of IPS under thirty-five years of age. The

interested candidates should submit the 500 words abstract of their bonafide research work on the online Google Form [https://ipsdis.org/index.php?route=common/home/viewnews&news\\_id=5](https://ipsdis.org/index.php?route=common/home/viewnews&news_id=5) latest by December 31, 2020. The abstract will be evaluated by a preliminary screening committee and only selected candidates will be allowed for oral presentation in the conference. Details for M.J. Narasimhan Academic Merit Award may be downloaded from the IPS website.

**Best e-Poster Presentation Awards:** Awards for best e-Poster presentation shall be given in each session to encourage young researchers under 35 years with a condition that there will be at least five contestants in each session.

### Registration Fee

To participate in any zonal symposium, registration is mandatory as per IPS guideline and the registration fee as mentioned on the IPS website ([https://ipsdis.org/index.php?route=common/home/viewnews&news\\_id=5](https://ipsdis.org/index.php?route=common/home/viewnews&news_id=5)), is as under.

Category	Registration fee	GST (18%)	Total
Members	500.00	90.00	590.00
Non-members	700.00	126.00	826.00
Students	300.00	54.00	354.00
Corporate	1500.00	270.00	1770.00

### Mode of payment

The payment can be made via PayTM (Mobile No.: 9999103422) or through NEFT/Internet banking.

The bank details are as follows:

**Name of the Account Holder:** Indian Phytopathological Society

**Name of the Bank and Branch:** Syndicate Bank, Pusa Campus, IARI, New Delhi

**Account Number:** 90292010005900

**RTGS/NEFT/IFS Code:** SYNB0009029

**Branch Code:** 009029

### IMPORTANT DATES TO REMEMBER AND FOLLOW

**Submission of abstract : 25 December, 2020**

**Submission of abstract M.J. Narasimhan Merit Award Contest: 31 December, 2020**

**Nomination for Sir Syed Ahmad Khan Memorial Awards: 31 December, 2020**

**Payment of registration Fee : 05 January, 2021**

### Address for correspondence

**Prof. Mujeebur Rahman Khan, FNAAS**

*Zonal President, Organizing Secretary & Convenor*

Ex-Chairman, Department of Plant Protection,

Dean, Faculty of Agricultural Sciences,

Aligarh Muslim University, Aligarh 202002, U.P., India.

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**Dr. Zeba Khan**, B. Sc. Agriculture

**Dr. R.P. Singh**, B. Sc. Agriculture

**Dr. Faheem Ahamad**, NBAIM

## **PROGRAMME SCHEDULE (Tentative)**

### **First Day - 27.01.2021 (Wednesday)**

<b>Time</b>	<b>Programme</b>
09.00-10.30 hrs.	Welcome and Inauguration
10.30-10.45 hrs.	TEA BREAK
10.45-12.15 hrs.	Keynote Lectures (03 lectures (each 30 min)
12.15-13.45 hrs.	e-Poster Session 1
13.45-14.30 hrs.	LUNCH BREAK
14.30-16.00 hrs.	Session 1: Bio-control fungi and bacteria, diversity commercial production and application methods
16.00-16.15 hrs.	TEA BREAK
16.15-17.45 hrs.	Session 2: Biotechnological, molecular and nano-technological tools for enhancing efficiency of bio-control agents.
17.45-18.45 hrs.	Concurrent e-Poster Session 2

### **Second day - 28.01.2021 (Thursday)**

<b>Time</b>	<b>Programme</b>
9.00 -10.30 hrs.	Session 3: Plant diseases caused by fungi, bacteria, viruses, mycoplasma etc. and their bio-management.
10.30-12.00 hrs.	Session 4:Nematode suppressive microbes and entomopathogenic nematodes
12.00-12.15 hrs.	TEA BEAK
12.15-13.30 hrs.	Session 5: Nematode problems in major crops and their bio-management
13.30-14.00 hrs.	Lunch break
14.00-15.00 hrs.	APS Student Travel Award competition
15.00-16.00 hrs.	Prof. M.J. Narasimhan Academic Merit Award
16.00-17.30 hrs.	Plenary and Valedictory Session