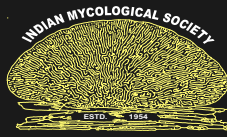


# INTERNATIONAL SYMPOSIUM ON NATURE, MICROBES AND SOCIETY

February 06-08, 2020



*Organized by*  
**Indian Mycological Society**



*In collaboration with*  
**Department of Botany  
University of Calcutta**

**Venue : Science City (Mini Hall), Kolkata**

(For detailed information visit our website: [www.imskolkata.org](http://www.imskolkata.org))  
Email: [ims.kolkata@yahoo.com](mailto:ims.kolkata@yahoo.com) / [indianmycologicalsociety@gmail.com](mailto:indianmycologicalsociety@gmail.com)



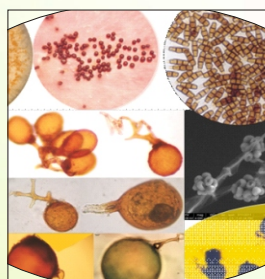
**The Indian Mycological Society (IMS)** was established in 1954 at the Department of Botany, University of Calcutta, Kolkata- 700019, West Bengal by some of the great mycologists of the time such as Prof. S.R.Bose, Dr. S.N. Banerjee, Dr. S.N. Dasgupta, Dr. S.N.Bhaduri, Dr. S.B.Chattopadhyay, Dr. T.Ghosh and some others. For the last 65 years the Society has been actively functioning. It actively organizes National and International Conferences, brings out the Journal of Mycopathological Research quarterly.

Sustainable plant health management is the key issue of global development with regard to food safety, food security and environmental preservation as well as protection. Plant is indispensable part of our human civilization and welfare. Presently, this plant health is at great risk. Plant health management is most important task for us under climate change scenario. Biotic stress and abiotic stresses of plant have adverse effect on productivity, nutritional security, global economy as well as human health and environmental safety. Hence, a concerted effort towards plant health management is urgently required for betterment of our farming community. Greater emphasis on organic agriculture and eco-sustainability would benefit Indian Agriculture in many ways.

Over all development of allied sciences like environmental sciences, biotechnology, nanotechnology, meteorology, diagnostics, statistics/mathematics and even sociology are shaping and influencing the course of plant health management. Today instead of farmers alone the nonfarmers also have a say in what we do in the name of research and development and public opinion matters more in using the agriculturally important microorganisms as an option of plant health management. It is most logical to stress on such important microbes available in nature for eco-sustainability paradigm as the theme of the conference.

The present conference will serve to address major important issues like microbial wealth available in nature and their biodiversity and various microbial technology developed for improvement of soil, plant and human health, bio-inoculants and bio-stimulants, their formulations and deliverable products for induce immunity in plants, alleviation of abiotic stress with microbes under climate change conditions and microbes as a tool in translational research for societal upliftment/development.

Deliberations in the aforesaid conference under the themes given below will throw new out-of-box ideas in this area which will help in formulating suitable recommendations for sustainable organic mode of plant health management.



## THEMES

- ◆ Microbial Diversity
- ◆ Microbes and Soil Health
  - Vermicomposting
  - Biostimulants
- ◆ Microbes and Seed Health
- ◆ Microbes and Plant Health
  - Endophytes
  - Plant Growth Promoting Rhizobacteria (PGPR)
  - Arbuscular Mycorrhizal Fungi (AMF)
  - Biocontrol agents (BCA)
- ◆ Microbes and Human Health
- ◆ Microbial Technology
- ◆ Host Pathogen Interaction
- ◆ Climate change and Microbes
- ◆ Alleviation of Abiotic stress with Microbes
- ◆ Microbes in Societal Upliftment
  - Waste Management
  - Organic Farming
  - Domestication of edible mushroom
  - Food Fermentation

### Chief Patron

Prof. Sonali Chakravarti Banerjee, Vice-Chancellor, University of Calcutta

### Patrons

Prof. Anupam Varma (IARI), Prof. A.R. Podile ( Vice-Chancellor, University of Hyderabad), Prof. Asis Kr. Chattopadhyay, Pro- Vice Chancellor, (Academic Affairs), University of Calcutta, Prof. Minakshi Ray ( Pro-Vice Chancellor, (Business Affairs & Finance), University of Calcutta, Prof. Chirantan Chattopadhyay (Vice-Chancellor, Uttar Banga Krishi Viswavidyalaya), Prof. Pranjib Kumar Chakraborty (ICAR), Dr. P.K. Maiti (Dept. of Microbiology, SSKM Hospital, Kolkata)

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		V.S.Trimurthy (Chattisgarh)

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Surya K.Beura  
Swapan Kumar Roy  
Tusar K.Bag

### Venue

The Venue of the Symposium is the Science City (Mini Hall), Kolkata.

Kolkata, the capital of West Bengal, being one of the Metros of India needs no introduction. Abounding in Culture and History, Kolkata has several unique offerings to any tourist. Situated at the banks of the Hooghly river, it is connected by two major Bridges across the river, both of which are engineering marvels. Kolkata boasts of the First underground Metro in India and is a literary hub. It has produced a number of world famous personalities. Calcutta University, set up in 1857, is one of the oldest Universities of India.

The city is well connected Nationally and Internationally by Air and to other parts of the country by rail and road as well.

### Places of interest in and around Kolkata

Within and around the city, important places of interest would be Victoria Memorial, Birla Planetarium, Indian National Museum, Kalighat Temple, the famous Indian Botanical Garden across the Hooghly river ,Dakshineswar temple, to name a few, and the several unique markets. Situated at a distance of few hours from Kolkata is Mayapur, the headquarters of ISCON, and a number of places of historical significance.

Digha Beach, Sunderbans and Darjeeling within West Bengal, are also tourist attractions.



### **Climate**

The weather in Kolkata in February is generally warm and pleasant with daytime temperature of 25-30°C and night temperature of 16-20°C.

### **Transport**

Public transport in Kolkata is very efficient. Metro is a major mode of transport, along with buses and cabs. Uber and Ola cabs ply in the city at all hours.

### **Scientific programme**

**February 06, 2020 :** Inauguration, Award Lectures, Plenary Lectures

**February 07, 2020 :** Technical Sessions (1-6): Lead Lectures, Oral and Poster presentations

**February 08, 2020 :** Technical Sessions (7-10): Lead Lectures, Oral and Poster presentations

### **Abstract Submission**

Submission of abstracts is necessary for all presentations. Abstracts of only those who have paid Registration Fee will be included in the publication. Full papers of the presented papers will be published in the Journal of Mycopathological Research, after review if possible.

Abstract should be prepared not exceeding 350 words (electronically typed on A4 paper with 3 cm margins, Times New Roman, 12 pt. Font). The title of the paper, name(s) of author(s) and their address (es) should be typed in Capital letters, along with email id and phone no. of the corresponding author. Two copies of abstract must be accompanied by a copy on CD, word processed on MS-Word and sent to the Convenor. Soft copy may also be sent by email.

**The deadline of receipt of abstract is December 15, 2019**

### **Presentations**

In case of oral presentations, facilities will be provided for Power Point presentations

Poster presentation will form an integral part of the Symposium and will be on display throughout the duration of the Symposium. Posters will be grouped under the major themes.

Specifications of the poster board are 140 cm x 90 cm ( length x breadth). The title, names of authors and the institutional address should be placed in a panel across the top of the poster using letters of not less than 40 mm high. The contents of the posters should be legible from a distance of 1 m while heading and text letters should be not less than 15 mm and 10 mm high, respectively. It should be properly laid out for assisting the viewers to follow the order of the information presented.



## Registration Fee

Category	Early Registration (Up to December 31, 2019)		Late Registration	
	India/SAARC Countries	Other Countries	India/SAARC Countries	Other Countries
Scientists/Faculty	Rs. 6000/-	US \$200.00	Rs. 6,500/-	US \$ 300.00
IMS Members	Rs. 5000/-	US \$ 200.00	Rs. 5,500/-	US \$ 250.00
Research Scholars*	Rs. 3000/-	US \$ 150.00	Rs.3500/-	US\$ 200.00

Registration Fee covers admission to all the scientific sessions, other programmes of the Symposium, Registration Kit, tea/coffee and lunch.

\*Research Scholars will have to get their Registration Form forwarded by their Supervisor

### Payment details

All payments (Registration Fees/ Accommodation Fees/Membership Fees) can be paid by Cash/ Demand draft/Online.

- (a) In case of DD ( Indian Rupees for India and SAARC countries or US\$ for other countries), it should be made payable at Kolkata, in favour of **Indian Mycological Society, payable at UCO Bank, Ballygunge Circular Road branch, Kolkata**. Those sending DD are requested to provide their full name, contact number and email id at the back of the DD.
- (b) For online payment, details are as follows:

Account Name : INDIAN MYCOLOGICAL SOCIETY  
 Bank & Branch : UCO bank, Ballygunge Circular Road Branch  
 Address : 40/1 Ballygunge Circular Road  
 Kolkata- 700 019

Account No. : 08370110001257  
 IFS Code : UCBA0000837

Please confirm payment with transaction receipt in our email ID – [ims.kolkata@yahoo.com](mailto:ims.kolkata@yahoo.com)

### Accommodation

Accommodation may be booked directly or through the organizers by paying advance charge along with Registration. For booking accommodation, valid ID card is required

### Contact persons (Convenors)

Prof. Usha Chakraborty ( 09002002096); Prof. B. N. Chakraborty ( 09800266298)



**International Symposium  
On  
NATURE, MICROBES AND SOCIETY  
February 06-08, 2020**

**REGISTRATION FORM**

First Name Prof./Dr./Mr./Ms.....

Middle Name..... Surname.....

Gender (M/F/Other).....

Institution ..... Designation.....

Affiliation.....

Address (pin code) .....

Contact Details (Mob.No.)..... Land Phone No.....

Email ID..... Fax No.....

Food habit (Veg/Non-Veg).....

Are you submitting a paper ( Maximum of two sections) (Please Tick )

- ◆ Microbial Diversity
- ◆ Microbes and Soil Health
- ◆ Microbes and Seed Health
- ◆ Microbes and Plant Health
- ◆ Microbes and Human Health
- ◆ Microbial Technology
- ◆ Host Pathogen Interaction
- ◆ Climate change and Microbes
- ◆ Alleviation of Abiotic stress with Microbes
- ◆ Microbes in Societal Upliftment

Title of the paper (s).....

Category ( Oral/Poster).....

**Accompanying person (if any)**

Yes/No

If yes, give details

Name;

Address:

Contact No:

**Details of Amount Enclosed**

Registration Fee (Rs.)	IMS Membership Life/ Annual Fees (Rs)	Total Amount (Rs)	DD / NET BankingNo.	Dated	Bank Name with Branch

• **For online payment, details are as follows:**

Account Name : INDIAN MYCOLOGICAL SOCIETY  
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- For student registration, the form has to be forwarded by the Supervisor.
- For accommodation, fill in the accommodation form and please include booking amount Rs.500/- as advance along with Registration Fees.
- The Registration form, along with DD/Transaction slip must be sent to :

Indian Mycological Society  
 Department of Botany  
 35, Ballygunge Circular Road  
 Kolkata- 700 019, West Bengal, India

Date.....

Signature .....

## ACCOMMODATION REQUEST FORM

### Personal Particulars

Name ( Prof./Dr./Mr./Ms).....

Gender (M/F/Other).....

Institution.....

Designation.....

Address (with pin code).....

.....

.....

Contact Details (Mob.No.).....Land PhoneNo.....

Email ID..... Fax No.....

Sl. No.	Hotel Type	Room	Tariff/day (Rs.)	Booking advance (Rs.)	Booking dates From-to	No.of days
1.	Luxury	Single/Double	5600-7000	4000		
2.	Premium	Single/Double	2700-4500	2000		
3.	Economy	Single/Double	1300-1600	1000		
4.	Youth Hostel*	Dormitory		250/-per bed		

- Kindly send the photocopy of accommodation request form as and when you finalize your plan
- Accommodation requests received after December 31, 2019 are not guaranteed
- \* For accommodation in Dormitory of Moulali Yuba Kendra, registered students/research scholars are requested to contact The Directorate of Youth Services, 32/1 BBD Bag South, Standard Bldg. 1<sup>st</sup> Floor, Kolkata- 700001, through The Law Officer in Administrative Charge, SYC, Moulali Yuba Kendra directly. Contact phone no. 033-22653231. Payment receipt has to be produced to avail the dormitory.

Date.....

Signature .....



Venue of the Symposium

