

### ADVISORY COMMITTEE

**Patron:** Mrs. Ravneet Kaur, IAS  
Vice-Chancellor, Punjabi University, Patiala

Prof. S.R. Rao, Shillong (Advisor, DSA)  
Prof. J.P. Gour, Varanasi (Advisor, DSA)  
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Prof. C. Manoharachary, Hyderabad  
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Prof. A.K. Aggarwal, Kurukshetra  
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Dr. Chandralata Raghukumar, Goa  
Dr. J.R. Sharma, Dehradun  
Dr. S.K. Deshmukh, Mumbai  
Prof. J.S. Dargan, Chandigarh  
Prof. K.R. Sridhar, Mangalore  
Dr. V.P. Sharma, Solan  
Prof. M.V. Rajam, New Delhi

### LOCAL ORGANIZING COMMITTEE

Prof. Munruchi Kaur (Head & Convener)  
Prof. J.I.S. Khattar (Co-Convener)  
Prof. D.P. Singh  
Dr. Manish Kapoor  
Dr. Geetika Sirhindi  
Dr. Arneet Grewal  
Dr. Avneet Pal Singh (Organizing Secretary)

### OFFICE BEARERS OF MSI (2020)

Prof. Rupam Kapoor, President  
Prof. N.S. Atri, Past President & Editor-in-Chief, Kavaka  
Prof. N. Raaman, Secretary  
Prof. M. Mathivanan, Joint Secretary  
Prof. M.S. Reddy, Treasurer  
Dr. Avneet Pal Singh, Managing Editor Kavaka

### Contact Details

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**Department of Botany**  
**Punjabi University, Patiala**  
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## VIRTUAL NATIONAL CONFERENCE ON BIODIVERSITY AND BIOTECHNOLOGY OF FUNGI AND 47<sup>TH</sup> ANNUAL MEETING OF MYCOLOGICAL SOCIETY OF INDIA February 22-24, 2021

(Please mail this form latest by January 15, 2021)

### REGISTRATION FORM

Name of the Participant (Block Letters) \_\_\_\_\_

Designation \_\_\_\_\_

Sex: Male  Female

Address for communication \_\_\_\_\_

E-mail \_\_\_\_\_

Mobile \_\_\_\_\_

Members of MSI: YES/NO MSI Membership No. \_\_\_\_\_

Whether presenting paper YES  NO

Title of the Research paper \_\_\_\_\_

Theme area of the conference \_\_\_\_\_

Name of the presenting author: \_\_\_\_\_

Option for Merit Award for Young Scientists\* Yes  No

If Yes, Date of Birth with proof: \_\_\_\_\_

Date \_\_\_\_\_

Place \_\_\_\_\_

Signature

\*Only Research scholars/Students upto age of 35 years can present paper for Dr. M. J. Thirumalachar Awards for Young Scientists. The participants must submit the proof of age and a bonafide Research scholar/Student certificate from concerned Head of the Department or Guide.

### Address for Communication

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Book-Post

To

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## VIRTUAL NATIONAL CONFERENCE ON BIODIVERSITY AND BIOTECHNOLOGY OF FUNGI AND

47<sup>TH</sup> ANNUAL MEETING OF  
MYCOLOGICAL SOCIETY OF INDIA  
February 22-24, 2021



**Patron**

**Mrs. Ravneet Kaur, IAS**  
Vice-Chancellor, Punjabi University, Patiala  
**Convener**

**Professor Munruchi Kaur**  
**Co-Convener**

**Professor J.I.S. Khattar**  
**Organizing Secretary**  
**Dr. Avneet Pal Singh**

**Sponsored by**

**Botanical Society, Punjabi University, Patiala**  
&  
**Mycological Society of India**

Dear Colleagues,

The organizing committee extends a warm invitation to the fungal biologist all over the country to participate in the Virtual National Conference on **Biodiversity and Biotechnology of Fungi** along with **47<sup>th</sup> Annual Meeting of Mycological Society of India** being hosted by Department of Botany, Punjabi University, Patiala, Punjab, India from **February 22-24, 2021**.

#### ABOUT THE CONFERENCE

Fungi, the diverse group of distinctive organisms are crucial for life on earth as animal life depends primarily on plants and plants in turn depend upon fungi. In the modern context, one cannot think of life without bread, cheese, alcohol, antibiotics, cyclosporines, etc., which are the prime products of fungal activities. On the other hand fungi are also responsible for many of the serious diseases of plants and animals. About 1,44,000 species of fungi are named and classified so far. However, it is estimated that nearly two million species are yet to be described. The worldwide systematic studies are adding nearly 2000 fungal species each year. The discovery and naming fungal diversity is of fundamental importance to our understanding of biodiversity and its ecological function. Biotechnological interventions have further helped the mankind in better understanding of fungal system and sustainable use of Fungi. The world is witnessing revolutionary developments in the field of systematics, physiology, biotechnology and conservation of Fungi. Keeping in mind of the recent developments, a three day Virtual National Conference on Biodiversity and Biotechnology of Fungi along with 47th Annual Meeting of Mycological Society of India during February 22-24, 2021 is being organized with an aim of providing a common platform for deliberations and exchange of ideas among the scientists and budding Mycologists.

#### THEME AREAS OF THE CONFERENCE

The deliberations during the National Conference will be focused on the following major thematic areas.

- Fungal Diversity, Systematics, Evolution and Conservation
- Fungal Physiology, Biotechnology and Applications
- Mycorrhiza and Endophytes
- Medical Mycology, Plant Diseases and management

#### ABOUT MYCOLOGICAL SOCIETY OF INDIA (MSI)

Mycological Society of India is a scientific body constituted for the advancement of subject of Mycology, the study of fungi including mushrooms, molds, truffles, yeasts, lichens, plant pathogens, and medically important fungi. The Society was founded in January 1973 by a team of mycologists lead by Late Professor C.V. Subramanian, former Director, C.A.S. in Botany, University of Madras, Chennai, India and Former President of International Mycological Association, with a view to bring together mycologists of the country and with the broad objectives of promoting development of Mycology in India in all aspects and in the widest perspective. There are nearly 500 members, including professional and upcoming mycologists with varied interests including taxonomy, ecology, pathology, genetics, molecular biology and physiology. The international members are also encouraged to join in the society. The society

publishes its journal Kavaka being Transactions of Mycological Society of India. The word Kavaka represents the Sanskrit word for fungus. Kavaka is an international journal and publishes peer-reviewed, original articles and reviews on taxonomy, phylogeny, diversity, ecology, physiology, biochemistry, molecular biology and biotechnology of Fungi. The journal is published six monthly and free access to all the back volumes is available at the website of Kavaka and MSI. The society also elects its Fellow (FMSI) and Associate Fellow annually on the basis of thorough scrutiny of the applications by a review committee. Since 2006 as many as 32 Mycologists have been elected as Fellows and 2 as Associate Fellows of the society. Every year the Mycological Society of India organizes Annual Meeting along with conference organized by Universities and/or Scientific Organizations in various parts of India. Till now 46 Annual Meetings have been conducted throughout the country spreading scientific knowledge. The society and its journal have independent websites [www.fungiindia.co.in](http://www.fungiindia.co.in) and [www.kavaka.fungiindia.co.in](http://www.kavaka.fungiindia.co.in), respectively. For more details and membership form visit the websites.

#### AWARDS AND MEMORIAL LECTURES

Mycological Society of India has constituted following memorial lectures. The awardees are invited to share their research work in the form of invited lectures during the annual meeting of the society.

- Life Time Achievement Award
- Prof. C.V. Subramanian Memorial Lecture Award for Women Scientists
- Dr. V. Agnihothrudu Memorial Lecture Award
- Prof. K. Natarajan Memorial Lecture Award
- Dr. S.K. Shome Memorial Lecture Award
- Prof. K.G. Mukerji Memorial Lecture Award (for scientists up to age of 45 years)
- Prof. P.C. Jain Memorial Lecture Award
- Dr. M.J. Thirumalachar Merit Awards for Young Scientists

#### ABOUT PUNJABI UNIVERSITY PATIALA

Punjabi University, Patiala was established by Punjab Assembly under the Punjab Act No. 35 of 1961. Late Dr. S. Radhakrishnan, the then President of India laid foundation of Punjabi University on June 24, 1962. The University was established in the erstwhile princely state of Patiala with the objective of furthering the cause of Punjabi language, art and culture. This is the second University in the world to be named after a language, the first being Hebrew University of Israel. Its vision is to work for the advancement of Punjabi studies and development of Punjabi language as a medium of instruction or otherwise for providing instruction in humanistic and scientific subjects and generally for the promotion of education and research. The University started working from its present lush green, pollution free, 316 acres campus since 1965. Over the time since its inception, the University has evolved into a multi-faceted and multi-faculty educational institution for the promotion of higher education and research in Humanities, Arts, Sciences, Engineering Languages, Technology and many more.

Spread over 600 acres of land, its more than 1500 teachers are imparting instruction and guidance to more than 14,000 students in a multi-faceted, multi-pronged and multi-faculty environment comprising more than 70 teaching and research Departments/Chairs on its Campus, 27 Regional Centres/Neighbourhood Campuses/Constituent Colleges and 274 colleges affiliated to it.

#### ABOUT DEPARTMENT OF BOTANY

The Department of Botany at Punjabi University, Patiala was established on February 1, 1967. It was the fourth Department in the Faculty of Science being started after Mathematics, Physics and Chemistry. The work for its establishment and development was initiated by Late Prof. S. S. Bir assisted by a team of dedicated teachers. Presently the Department has 3 Professors, 2 Associate Professors and 2 Assistant Professors. The department caters to Post Graduate teaching to M.Sc. Hon's in Botany (2 year), M.Sc. Hon's in Botany (Five Year Integrated Course), M.Phil and Ph.D. students. So far, 110 students have been awarded Ph.D. Degree. The Department is recognized at DSA-I under SAP programme of University Grants Commission and FIST programme of Department of Science and Technology, Government of India with thrust areas in Cytogenetics, Mycology and Plant Pathology and Algal Physiology. The vibrant faculty of the Department has published 33 books and more than 1700 research papers in high impact journals. The faculty has also successfully completed many research projects funded by UGC, CSIR, DST, DBT, MOEF&CC, Department of Forest and Wild Life Conservation, Government of Punjab, etc. For the promotion of collaborative research, the Department has signed MoU with ICAR Directorate of Mushroom Research, Solan. The Department is also having an Internationally recognized Herbarium (PUN), Museum, Botanical Photo gallery and S.S. Bir Botanical Garden.

#### PARTICIPATION AND REGISTRATION

The faculty members, scientists and researchers engaged in various fields of Mycology and Plant Pathology are invited to participate in the Virtual National Conference. All the delegates must register for participation in the conference. **There is no registration fee for attending the conference.** The delegates can register themselves either by submitting the duly filled registration form through an email to [msi2021patiala@gmail.com](mailto:msi2021patiala@gmail.com). The delegates can also register online by clicking the link provided below: [https://docs.google.com/forms/d/1r\\_GUTIZGuwmW2axvvKQfFZ8WcjRuYzH3aIMq1J3tW0/edit?usp=sharing](https://docs.google.com/forms/d/1r_GUTIZGuwmW2axvvKQfFZ8WcjRuYzH3aIMq1J3tW0/edit?usp=sharing)

The interested Faculty members, Scientist and Researchers can also visit MSI website ([www.fungiindia.co.in](http://www.fungiindia.co.in)) for online registration.

#### ABSTRACT SUBMISSION

The delegates are invited to contribute the abstracts for oral/poster presentation. The abstract, maximum 300 words, should be typed in Times New Roman, 12 font, single space with 1" margins on all sides. The title of the abstract should be in CAPITAL BOLD followed by authors and their affiliation. The name of the presenting author should be underlined. The abstract should be provided with the theme to which the abstract belongs on top right of the abstract page. The abstract should be submitted in the form of an email attachment to [msi2021patiala@gmail.com](mailto:msi2021patiala@gmail.com) latest by January 15, 2021. The acceptance of the abstract will be communicated to the corresponding / presenting author thorough an email.

#### MODE OF PRESENTATIONS

The presentations during the virtual conference will be made through zoom/youtube platform details of which will be shared with the registered delegates. The presentations will include Presidential Address, Lifetime Achievement Award Lecture, Memorial Award Lectures, MSI Fellowship Awardees (2020) Lectures and Lead Lectures. Besides these lectures mid age Faculties/Scientists will be invited for oral presentations based on the abstract submitted. The Research Scholars/Students below age of 35 years will be considered for Dr. M.J. Thirumalachar Award for Young Scientists on the basis of quality of abstract submitted. Only Research scholars/Students upto age of 35 years can present paper for Dr. M. J. Thirumalachar Awards for Young Scientists. The participants must submit the proof of age and a bonafide Research scholar/Student certificate from concerned Head of the Department or Guide. In case of any query the delegates can contact the **Organizing Secretary** through an email to [msi2021patiala@gmail.com](mailto:msi2021patiala@gmail.com)

#### ABOUT PATIALA

Patiala, the capital of Punjab's most well-known earst - while Princely State, is a city situated in south-eastern Punjab of northern India. It is the fourth largest city in the state and is the administrative capital of Patiala District. Patiala is located around the Qila Mubarak (the Fortunate Castle) which was constructed by chieftain 'Baba Ala Singh' in 1763. In popular culture, the city remains famous for its traditional Patiala-Shahi Turban (a type of headgear), Paranda (a tasselled tag for braiding hair), Patiala Salwar (a type of female trousers), Jutti (a type of embroidered footwear) and Patiala Peg (a measure of liquor). Patiala also has a long tradition of excellence in education. Its magnificent forts, palaces, museums, places of worship, gardens and wildlife sanctuaries serve up a perfect melange of history, culture, art and craft. The city is well connected with road and rail with cities such as New Delhi (250 km), Chandigarh (70 km), Ambala Cantt (50 km) and Rajpura (25 km). The nearest airport, Chandigarh International Airport, is only 65 km away.