



NATIONAL CONFERENCE ON FUNGI FOR BHARAT

FUNGI FOR BETTER HEALTH, AGRICULTURE,
REMEDICATION, AND TECHNOLOGY



52nd Annual Meeting of Mycological Society of India

**Platinum Jubilee Celebrations of
Delhi University Botanical Society (DUBS)**

Organized by
Delhi University Botanical Society (DUBS), Department of Botany
University of Delhi
Delhi-110007, India

Venue: University of Delhi

November 20–22, 2025



University of Delhi

The University of Delhi, established in 1922, is a premier university of the country with a venerable legacy and international acclaim for highest academic standards, diverse educational programmes, distinguished faculty, illustrious alumni, varied co-curricular activities and modern infrastructure. Over its entrust, the University has sustained the highest global standards and established best practices in higher education. Its long-term commitment to nation building and unflinching adherence to universal human values are reflected in its motto: '*Nishtha Dhriti Satyam*' (Dedication, Steadfastness and Truth). To know more about the university, visit www.du.ac.in





Department of Botany, University of Delhi

The Department of Botany, University of Delhi, established in 1947 under the leadership of Dr. J. J. Chinoy, has completed 78 years in 2025. Since its inception, the Department of Botany has remained at the forefront of teaching and research in Plant Sciences, both nationally and internationally. Based on exemplary performance, the Department was recognized as a University Grants Commission Centre for Advanced Studies (CAS) in Botany and also as a Centre of Excellence by UGC, New Delhi. At present, the strength of faculty stands at 21. There are currently 155 students enrolled for M.Sc. program, and 175 research scholars including Ph.D., and Post-Doctoral Fellows. The contributions of faculty members are evident through their high quality research publications in reputed international journals and recognitions by various national and international academic bodies.

Quite a few collaborative international research projects and a large number of research projects funded by DBT, ANRF, CSIR, ICMR, DoE, DRDO, and UGC are being handled by the faculty to pursue excellence in Plant Biology research. In addition, the Department organizes training programmes for teachers, scientists, and research scholars in frontier areas of Plant Sciences on a regular basis. Currently, with unique mix of focus on classical as well as modern area of Plant Science research, the faculty is showing excellent progress in research at par with various established international laboratories. Alumni have gone on to become acclaimed teachers, scientists, administrators, and managers in corporate institutions.

For more details on Department of Botany, visit <https://botany.du.ac.in/botany>

Delhi University Botanical Society (DUBS)

CELEBRATING 75 YEARS OF EXCELLENCE (1950 to 2025)

Delhi University Botanical Society was established in 1950 by legendary late Prof. P. Maheshwari, FRS, who was a leading plant scientist of international repute. Since then, the society has grown and has members across the world. The objectives of the society are to introduce students to various aspects of Plant Sciences that are not usually dealt within the classroom and to give them a well-rounded education by organizing co-and extra-curricular activities such as field trips for plant collection, as well as lectures and training workshops by eminent scientists, seminars, debates, quizzes, & paper presentation competitions.

Mycological Society of India

Mycological Society of India (MSI) is a scientific body constituted for the advancement of Mycology in India. The society was founded in January 1973 by a team of mycologists led by Prof. C.V. Subramanian, former President, International Mycological Association, with a view to bring together the mycologists of the country. One of the objectives of the MSI is to establish, maintain, and strengthen partnerships and linkages with institutions and organizations within India and abroad for the welfare and benefit of mycologists. Its broad objectives are to promote development of mycology for the prospects and in the widest perspectives. At present, there are more than 675 Life Members in the society.

“KAVAKA,” the official transactions of the Mycological Society of India (the word 'Kavaka' represents the Sanskrit word for fungus), publishes original articles and reviews on all aspects of mycology including conventional and molecular taxonomy, phylogeny, diversity, ecology, physiology, biochemistry, molecular biology, and biotechnology. Till now, 61 volumes of Kavaka have been published. MSI publishes quarterly issues of Kavaka since 2022.

The Mycological Society of India seeks applications from prospective candidates to be elected as Fellows of the Mycological Society of India (FMSI) each year through a review process. 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, 51 Annual Meetings have been conducted throughout the country spreading scientific knowledge.

For more details and membership form, visit MSI website: www.fungiindia.co.in & www.kavaka.fungiindia.co.in



Office bearers of MSI: 2025

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Prof. Anil Kumar (Joint-Secretary)

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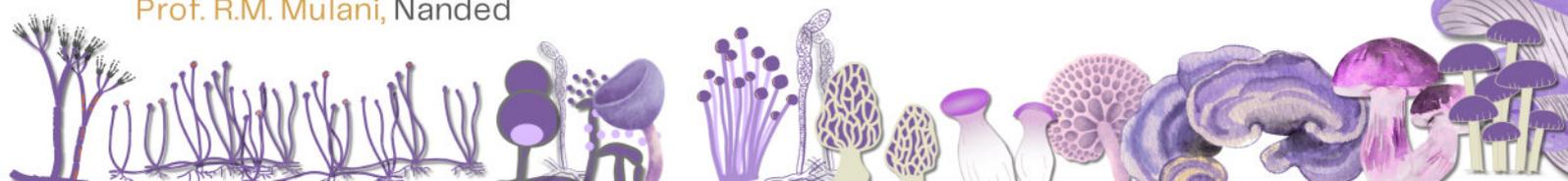
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ABOUT The Conference



Since ages and epochs, fungi have traversed the evolutionary timescale as primordial, yet indispensable ecological architects. Much before modern science acknowledged their prowess, fungi found a revered place in ancient Ayurvedic texts for their medicinal and therapeutic properties. Their ubiquity and ecological importance have repositioned fungi from the margins to the centre stage of scientific discourse. As the global colloquy pivots towards ecological conservation, climate resilience, and sustainable development, fungi remain at the helm, redefining the trajectory of progress. Mycology as a discipline, once delimited to the confines of taxonomical and pathological studies, is now transcending the domains of modern science – from metabolomics to biotechnology, synthetic biology, and environmental sustainability. From the humble mushroom farms to fungus-derived antibiotics to yeast-mediated fermentation, fungal biotechnology has catapulted revolutions across various sectors. Yet, amid pressing developmental challenges, ‘fungi’ as a resource remains largely underutilized, especially in India, which is a cradle to an impressive wealth of fungal diversity. To deliberate on the frontiers of fungal advances and explore future directions, this conference on the theme “FUNGI for BHARAT” seeks to gather leading mycologists as well as budding and established researchers to engage in cross-disciplinary dialogue and exchange research ideas. As India marches towards development, it is important to reimagine fungi not merely as capsules of academic curiosities, but as keystones in achieving sustainable development and national progress.

FUNGAL DIVERSITY, SYSTEMATICS AND PHYLOGENY

- Fungal diversity
 - New identification techniques for fungal species
 - Conservation strategies for threatened fungal species
 - Fungal genomics and population genetics
 - Fungal interactions with other organisms
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FUNGI FOR SUSTAINABLE AND RESILIENT AGRICULTURE

- Fungal diseases in plants and animals – diagnostics and control strategies
 - Plant-fungus interactions – strategies for enhanced yield and disease resistance
 - Strategies for reduced chemical dependency – fungi as biocontrol agents, biopesticides, biofertilizers
 - Climate-resilient agricultural practices – enhancing nutrient uptake, soil health, supporting organic alternatives, carbon sequestration using fungal species
 - Fungi in crop stress management – drought, salinity, and other abiotic stresses
 - New fungal technologies for farming and addressal of impediments in their application
-

FUNGI FOR HUMAN HEALTH

- Antibiotics, antimicrobials, statins, immunosuppressive, and anticancer drugs from fungi
 - Fungi as food and food supplements – nutraceuticals, nutrition, probiotics, and gut health
 - Fungal compounds in mental health and neurology
 - Fungal metabolites in targeted therapies
 - Fungi in cosmetics
 - Understanding and combating fungal infections in humans
-

FUNGI FOR INDUSTRIES: INNOVATION AND APPLICATIONS

- Fungi as source of enzymes for food, detergents, textile, leather, and paper industries
 - Fungal application in brewing, wine making, and bioethanol production
 - Fungi in biofuel production and lignocellulose breakdown
 - Advances in genetic engineering for industrially valuable fungal species
 - Addressing scalability, efficiency and innovation in industries
 - Ethical considerations in fungal bioengineering
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REGISTRATION FEE DETAILS

Category	Early-bird Registration (Till 25 th October 2025)	Late Registration (After 25 th October 2025)
MSI Members	₹ 3500	₹ 4000
Delegates (Faculty and Scientists)	₹ 4000	₹ 4500
Foreign Delegates	150 USD	250 USD
Research Scholars (DUBS/MSI-Members)	₹ 3000	₹ 3500
Research Scholars (Non DUBS/MSI-Members)	₹ 3500	₹ 4000
PG/UG students	₹ 2000	₹ 2000
Participants from Industry	₹ 5000	₹ 6000
Accompanying person	₹ 2500	₹ 3500

* On-the-spot registration is highly discouraged.

Registration kit will not be provided to the UG/PG Students and accompanying person (except conference ID card).

Kindly mention the online transfer details in the registration form.

For queries, please email Organizing Secretary: 52MSIDU@gmail.com

MODE OF PAYMENT

- All delegates must register for participation and pay registration fee. Payment can be made online /RTGS/NEFT/Cash to Delhi University Botanical Society. A copy of the bank receipt should be mailed to 52MSIDU@gmail.com.

Bank details are as follows:

Account no. : 10851298479

IFSC code : SBIN0001067

SWIFT code : SBININBB544

Bank : State Bank of India, Delhi University Branch

SUBMISSION OF ABSTRACTS

- The conference is open to all involved in R&D, teaching, consultancy, planning etc., in the areas of conference themes.
- Interested participants are requested to contribute their papers for oral or poster presentations.
- Abstracts should be typed in MS Word on A4-size paper with 3 cm margins on all sides. Each abstract should be at least 300 words long.
- The theme of the conference, title of the paper, name(s) of presenting author and co-author(s), and their address(es), e-mail IDs, and contact number should be typed in capital letters.
- The abstract should be properly edited and typed with 1.5 line spacing (Times New Roman, 12 font).
- The last date for submission of the abstract is **October 25, 2025**.
- Those who are invited to deliver Award Lectures/Lead Lectures are requested to submit a 1-2-page comprehensive abstract on or before **October 25, 2025**.
- The name of the presenting author should be underlined.
- The abstracts should accompany the Registration Fee.
- No participant is expected to be a presenting author of more than two abstracts.
- Those who are competing for Awards for Mid-Aged Scientists (36 to 50 years) and Young Researchers (up to 35 years) should mention their age proof in the registration form.
- The recommended poster size is 1.00 m × 0.75 m (L × W) portrait.
- English will be the official language of the conference.
- No remuneration shall be paid for any oral/poster presentation.
- E-mail the abstract to 52MSIDU@gmail.com

HOW TO REACH UNIVERSITY OF DELHI (NORTH CAMPUS)

The Department of Botany (University Gate No. 4) is located near Vishwavidyalaya metro station, easily accessible via various modes of transport:

- **By Air:** The University is about 26 km from Indira Gandhi International Airport (DEL).
- **By Train:** Major railway stations nearby include New Delhi (11 km), Old Delhi (7 km), Delhi Sarai Rohilla (4.8 km), and Hazrat Nizamuddin (20 km).
- **By Bus:** Use Delhi's bus network to reach stops like Vishwavidyalaya or Mall Road.
- From Vishwavidyalaya metro station or nearby bus stops, the Department is just 1.6 km away and can be reached by an E-rickshaw.

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Registration Form I

& 52nd Annual Meeting of Mycological Society of India

Platinum Jubilee Celebrations of Delhi University Botanical Society (DUBS)

PERSONAL INFORMATION

Full Name :

Designation:

Institution:

Date of Birth: / / Age:

Email : Mobile:

Address for Correspondence:

State: Country:

DUBS/MSI Member: Life Member: Yes No

PRESENTATION DETAILS

Mode of Presentation: Award Lecture Lead Lecture Oral Poster Only Participation

Whether Competing for Award for Mid-Aged Scientists (36–50 years)/ Young Researchers (up to 35 years):

Yes No If yes, specify the Award:

Title of the Paper:

Presenting Author:

Name of accompanying person (If any):

Details of Registration Fee : ₹ /USD

TRAVEL PLANS

Dated: / / Transaction No.:

Mode of Travel: By Air By Train By Road

Arrival Date / / Time

Departure Date / / Time

Accommodation Required: Yes No Signature:

Name:



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November 20–22, 2025

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