



National Conference on
'Recent Advances in Biodiversity, Biology and
Biotechnology of Fungi'

&
46th Annual Meeting of
Mycological Society of India (MSI)

November 7-9, 2019



Pre-Conference Workshop on
'Methods to Study Marine Fungi'
November 6, 2019



Organized by

The Department of Biotechnology, School of Life Sciences,
Pondicherry University,
Kalapet, Pondicherry-605014, India.

Prof.V. Arul

Convenor

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ABOUT THE CONFERENCE

The National Conference on "Recent Advances in Biodiversity, Biology and Biotechnology of Fungi" will be organized by the Dept. of Biotechnology, Pondicherry University at Puducherry, India during 7-9, November, 2019 as part of the 46th Annual Meeting of Mycological Society of India (MSI-MEET 2019) under the auspices of MSI. This conference will provide a platform for researchers, educationists, industrialists, research scholars and young students to share, learn and exchange research ideas, experiences, innovations on different aspects of mycology. The MSI-MEET 2019 will also provide scientifically enriching programs including keynote addresses, lecture sessions and poster presentations on topics related to recent developments in fungal biodiversity, biology and conservation. Fungal research encompasses several important realms such as biodiversity, biotechnology, plant and medical mycology, agricultural biotechnology, biofuels, bioremediation, food microbiology, pharmaceuticals and nano-technology.

Genomics and proteomics of fungi are gaining enormous amount of importance and momentum in modern science. On the other hand, traditional and basic research on fungi are becoming less attractive. Many well-known centers of life sciences are losing systematics and fungal taxonomists have become an endangered species. Hence, it is necessary to bridge the gap between conventional and modern scientific research of fungi and molecular systematics is one such route. The conference being organized will provide opportunities to share and exchange newer ideas, research experiences and interactions on various aspects of fungi with experts in mycology.

THEMES OF THE CONFERENCE

The organizers welcome presentations from participants broadly focused on the following themes:

1. Biodiversity, conservation, taxonomy and systematics of Fungi
2. Host-Parasite Interactions and Plant Pathology of Fungi
3. Bioinformatics and Molecular Mycology
4. Fungi as Biocontrol agents and Biofertilizers
5. Food and Industrial Mycology
6. Bioactive compounds from Fungi
7. Biotechnological potential and applications of Fungi in industry, agriculture and environment
8. Fungal Genomics, Proteomics and Metabolomics

PRE-CONFERENCE WORKSHOP

A one-day pre-conference workshop on "Methods to study marine fungi" scheduled during MSI-MEET 2019 will be conducted on 6.11.2019. This will provide an opportunity to learn some of the most recent advances made in isolation, identification and taxonomy of marine fungi and related aspects, from experienced and renowned marine mycologists. Besides, bioinformatics tools and sequencing technologies to characterize marine fungi will be the additional major attraction of the workshop.

ABOUT MSI

Mycological Society of India (MSI) is a scientific body constituted for the advancement of mycology in India. The study of fungi includes mushrooms, molds, truffles, yeasts, lichens, plant pathogens and medicinally important fungi. The society was founded in January 1973 by a team of mycologists led by Prof. C.V.Subramanian, Former Director, Centre for Advanced Studies in Botany, University of Madras, Chennai, India and former President, International Mycological Association, with a view to bring together the mycologists of the country and with the broad objectives of promoting development of mycology in all the prospects and in the widest prospective.

The MSI and its office bearers, both past and present, and life members and annual members have contributed significantly in the development and improvement of Mycology since its inception at Chennai in 1973. A good number of Indian mycologists have also been active in presenting papers, creating collaborations, and even actively participating in the affairs of several international associations. 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. At present, there are more than 450 life members in the society. Journal "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 51 volumes of Kavaka have been published. The Mycological Society of India each year seeks applications from prospective candidates to be elected as fellows of the Mycological Society of India (FMSI) 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 45 Annual Meetings have been conducted throughout the country spreading scientific knowledge. For more details and membership form please visit website: www.fungiindia.co.in & www.kavaka.fungiindia.co.in

AWARDS & MEMORIAL LECTURES

The Mycological Society of India has constituted various awards including Life-time Achievement Award, Memorial Lecture Awards and Young Scientist Awards, which are given every year during the Annual Meeting. The awardees deliver their research work as invited lectures in the conference.

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

Dr. M.J. Thirumalachar Merit Awards for Young Scientist

ABOUT PONDICHERRY UNIVERSITY

Pondicherry University is one of the outstanding among the Central Universities in India. Established through an Act of Parliament in 1985, Pondicherry University has completed its 34 years of existence. Teaching and research are its primary functions as in other Central Universities. The university represents a mini India with students, staff and faculty representing from all the states of the country. The Main campus of the University has an area of 830 acres spread on either side of the East Coast Road with the large chunk on the landward side of the road. The land is an invaluable gift from the people and the Government of Puducherry for the establishment of the University. The land gently rolls down to the beaches and is interspersed with lovely woods. Cut by a picturesque and deep ravine, the pleasant campus is on the fast track to developing into an ideal breeding ground for innovation and creativity. The University is fully supported by the University Grants Commission. The teaching faculty consists of 450 active and erudite members in different Schools, Departments and Centres. Currently, there are around 6,000 students representing different parts of the Country. The University is academically organized at several levels for efficient functioning. The University has a state-of-art Library with remote access to digital information resources through a dedicated library portal (www.pondiuni.edu.in). The teaching and research carried out in the various Schools facilitate and promote inter-disciplinary work. Each School consists of several departments where teaching programs in specific subject areas are conducted. The University's commitment to innovation in the field of education is reflected in several spheres. It was the first University in India to provide the students with choice of the elective courses in addition to the major subject under the Choice Based Credit System (CBCS). The students can choose courses from other

Departments and Schools to augment their knowledge base, so that they can face the world upon their graduation with confidence.

ABOUT DEPARTMENT OF BIOTECHNOLOGY

Established in 1992 as a Centre for Biotechnology, it was upgraded into a full-fledged Department in 1999. The Department offers M.Sc. Programme, PG Diploma and Ph.D. in Biotechnology. Students with master's degree in any branch of biological sciences are admitted to Ph.D. program through Entrance Examination conducted by the University all over the country and those who have secured JRF awards are admitted directly throughout the year. Students are admitted into one-year PG Diploma (20 seats) on the basis of their qualification marks in UG level. For master's program, the students are selected through All India combined entrance examination in Biotechnology (CEEB) conducted by Jawaharlal Nehru University and Department of Biotechnology (GOI), New Delhi

The faculty members of the Department are involved in basic and applied research in emerging areas of Biotechnology. Thrust Areas of Research include: Bioprospecting of Natural Products, Synthesis, characterization and application of Biogenic nanomaterials, Marine Biotechnology and Aquaculture, Plant Genomics and Genetic Engineering, Medical Biotechnology, Bioconversion and Biodegradation of Agro-Wastes and pollutants, Stem Cell Biology, Epigenetics and Protein Engineering, Standardization and Scientific Validation of Indian system of Medicine Drugs. The department is well equipped with instruments necessary for basic and applied research in biotechnology. Some of the facilities include: Real Time-PCR, Flow cytometer, Bioreactor, Blotting apparatus, Deep Freezer, Ice Flaker, Electrophoresis and Gel Documentation systems, High Speed Centrifuges, ELISA reader FT-IR, GC, HPLC, LC-MS, LP column chromatography, Lyophilizer, Phase contrast photomicroscope, Uta-sonicator and UV-Vis Spectrophotometer. The Department is also equipped with cold-room, plant tissue culture, animal cell culture and Biosafety containment facilities. To augment the infrastructure facility and to develop a vibrant research group the members of the faculty have attracted extramural funding from both national (UGC, DBT, DST, CSIR, ICMR, AICTEA, MOES and DAE) and International (Rockefeller foundation and Danish government) funding agencies based on the credentials obtained over the years. The department has been recognized for infrastructure development programmes viz., FIST by DST, New Delhi and SAP by UGC, New Delhi.

CONFERENCE PARTICIPATION AND ABSTRACT SUBMISSION

The conference is open to all involved in R&D, teaching, consultancy, planning etc., in the areas of conference themes. Interested participants are invited to contribute their papers for oral or poster presentation. Abstracts should be prepared (about 250 words) using MS-Word (Times New Roman, 12 font) and sent to the Organizing Secretary (msi2019pu@gmail.com), as file attachment **on or before 15 September, 2019**. The name of presenting author should be underlined. Those invited for delivering Keynote Lectures and Invited Talks should submit 1-2-page comprehensive summary of their Lecture/ Talk. The recommended poster size is 1.00 m X 0.75 m (L x W)
ENGLISH WILL BE THE OFFICIAL LANGUAGE OF THE CONFERENCE.

REGISTRATION Category

	Until 15thSeptember 2019	After 15thSeptember 2019	
Delegates	Rs. 4000	Rs. 4500	Rs. 5000
MSI members	Rs. 3000	Rs. 3500	Rs. 4000
Research scholars/ Students	Rs. 2000	Rs. 2500	Rs. 3000
Industry Sponsored	Rs. 5000	Rs. 5500	Rs. 6000
Accompanying person*	Rs. 2000	Rs. 2500	Rs. 3000
Foreign delegates	150 USD	180 USD	200 USD

* **Registration kit will not be provided to the accompanying person**

Pre-Conference Workshop [No. of Seats 30]

Registration Fee for Participants

Until 30thSeptember 2019
Rs. 2000

After 30thSeptember, 2019
Rs. 3000

For payment and bank details please refer to the registration application given towards the end.

ABOUT PONDICHERRY

Pondicherry, officially known as Puducherry, also fondly called as Pondy, is the most populous Indian union territory with one of the highest levels of quality of life in the country with excellent physical infrastructure. It is surrounded by Tamil Nadu with which it shares most of its culture. Auroville, the brainchild of the mother, of Aurobindo ashram, is a unique experimental city, whose inhabitants hail from different parts of the world, is situated on the outskirts of the city. Puducherry still carries several marks of French culture and heritage as it was once a French colony. It is also the place where the national poet Shri Subramania Bharathiar wrote several of his master pieces that fanned the flames of freedom and also enriched modern Tamil literature. The climate of Pondicherry is tropical wet and dry, akin to coastal Tamil Nadu. The summer lasts from middle of March to early June followed by a period of high humidity and occasional thundershowers from June till September. The northeast monsoon sets in during October, and Pondicherry gets the bulk of its annual rainfall during the period from October to December. The winter is from middle of December to February. The city is well connected by air, train and road.

In Pondicherry the following are the tourist attractions: ManakulaVinayagar temple, Aurobindo Ashram, Sandy and Rocky Beaches, Auroville International Meditation Centre and Township. In addition, Pichavaram mangroves, Chidambaram Nataraj Temple, Thirunallar temple in Karaikal, Mahabalipuram are tourist attractions around the Pondicherry within 2 to 3 hours' drive.

Very few flights by Spicejet are operated from Pondicherry (Spicejet from New Delhi, Hyderabad, Bangalore). As otherwise the nearest major city Chennai, which is 3½ hours drive from Pondicherry, is well connected both nationally and internationally for air travel. Few trains operate from Pondicherry. Chennai is well connected with trains to entire India and takes 3½ hours drive from Chennai to Pondicherry by bus. Also several trains heading towards south Tamil Nadu cross Villupuram station and stop there briefly. Villupuramis 40 km from Pondicherry city and is around 50 km from the venue of the conference. Buses ply from different parts of Tamil Nadu, Andhra Pradesh, Telangana, Karnataka and Kerala to Pondicherry.

Contact Details

Dr.V.Venkateswara Sarma,
Organizing Secretary – MSI-Meet 2019

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Phone : 91-9444467787

Email: sarmav@yahoo.com; msi2019pu@gmail.com

National Conference on Recent Advances in Biodiversity, Biology and Biotechnology of Fungi & 46th Annual Meeting of the Mycological Society of India November 7 - 9, 2019

Please e-mail this form latest by 15th September, 2019

REGISTRATION FORM

PERSONAL DETAILS

Name: _____

Designation: _____ Gender _____

Institution : _____

Address: _____

Telephone/Mobile number _____ E-mail: _____

PRESENTATION DETAILS

Mode of Presentation: Oral/Poster

Title of the Presentation _____

Theme Area/Session: _____

Participation in best poster presentation award: Yes / No

REGISTRATION FEE

Category

Delegates	Rs. 4000	Rs. 4500	Rs. 5000
MSI members	Rs. 3000	Rs.3500	Rs.4000
Researchscholars/ Students	Rs. 2000	Rs. 2500	Rs. 3000
Industry Sponsored	Rs. 5000	Rs. 5500	Rs. 6000
Accompanying person*	Rs. 2000	Rs. 2500	Rs. 3000
Foreign delegates	150 USD	180 USD	200 USD

**Conference kit will not be provided to accompanying person.*

PAYMENT DETAILS:

The registration fee can be paid using online transaction mode of NEFT/DD in favour of 'Organizing Secretary, 46th MSI – 2019 B3 Mycology Conference'

Name of account: "Organizing Secretary, 46 th MSI – 2019 B3 Mycology Conference"

Bank A/C Number: 6735079358

IFSC CODE: IDIB000P152

Bank Name: Indian Bank

Branch Name: Pondicherry University Branch

Demand Draft Number/ online transaction number _____ Date _____

Amount _____

Date _____ Place _____

Signature

The completed form may be mailed to:
Dr.V. Venkateswara Sarma
Organizing Secretary
Department of Biotechnology,
Pondicherry University, Kalapet, Pondicherry – 605 014, India.
Email: msi2019pu@gmail.com

National Conference on Recent Advances in Biodiversity, Biology and Biotechnology of Fungi & 46th Annual Meeting of the Mycological Society of India November 7-9, 2019

Please e-mail this form latest by 15th September, 2019

ACCOMMODATION FORM

PERSONAL DETAILS

Name: _____

Designation: _____

Gender _____

Institution : _____

Address: _____

Telephone/Mobile number _____ E-mail: _____

ARRIVAL DETAILS

Date of arrival: _____ Time of arrival: _____

Mode of arrival: _____ Flight/Train no.: _____

Date of departure: _____ Time of departure: _____

Mode of departure: _____ Time of departure: _____

ACCOMMODATION DETAILS

The accommodation for the participants, if requested in time will be arranged on first come first basis with advance payment. The room tariffs are given below:
Dormitories: Rs. 200-400 per bed per night ; Shared accommodation: Rs. 1,000 – 1,400 per night Hotel accommodation: Rs 2000/ onwards/ per night
Hotels: Jayaram, Surguru, Atithi, Shenbaga, Accord, Ashoka Beach Resort, Annamalai International, Ganesh Residency, Radha Residency, A.K. Sea View Residency,.
The request for accommodation along with requisite amount should be sent as online payment mode favouring "Organizing Secretary, 46th MSI – 2019 B3 Mycology Conference". On spot request for accommodation is not guaranteed.

Name of account: "Organizing Secretary, 46th MSI – 2019 B3 Mycology Conference"

Bank A/C Number: 6735079358

IFSC CODE: IDIB000P152

Bank Name: Indian Bank

Branch Name: Pondicherry University Branch

Demand Draft Number/ online transaction number _____ Date _____

Amount _____

Date _____ Place _____

Signature

The complete form may be mailed to:
Dr.V. Venkateswara Sarma
Organizing Secretary
Department of Biotechnology,
Pondicherry University, Kalapet, Pondicherry – 605 014, India.
Email:msi2019pu@gmail.com