



14th National Level Workshop on TAXONOMY, BIODIVERSITY, EX SITU CONSERVATION AND APPLICATIONS OF FUNGI

05 - 14 November 2024

MACS' Agharkar Research Institute, Pune

NFCCI proposes to conduct national level workshop for providing advanced training and help in developing competence in the thrust area of mycology and related disciplines. The workshop will be of great value to students, who are willing to pursue their career in fungal systematics and biology, plant pathology & quarantine, industrial mycology and biotechnology. This workshop would also be useful for the personnel working in pharmaceutical, food, biopesticides and biofertilizer industries.

- Introduction to current biological status, classification and nomenclature of fungi
- Introduction to asexual and sexual morphs in identification of fungi
- Hands on training in selective isolation, culturing and identification of fungi
- Hands on training in isolation and culturing of plant pathogens, terrestrial litter & soil fungi
- Hands on training in isolation, in vitro culturing, induction of sporulation of endophytic fungi
- Hands on training in morphological identification and taxonomy of micro & macrofungi
- Hands on training in selective isolation, culturing and identification of selected aquatic fungi
- Introduction to DNA barcoding, multigene phylogeny and their relevance in fungal taxonomy and identification
- Hands on training in DNA isolation, PCR and DNA sequencing
- Hands on training in sequence analysis and phylogeny
- Hands on Training on analysis of Volatile Organic Compounds of selected endophytic fungi using GCMS
- Introduction to different methods used in conservation of different groups of fungi
- Hands on training in lyophilization, cryopreservation, and other classical methods
- Hands on training in preparing voucher culture and mycological herbarium
- Introduction to the Indian Biodiversity Acts and Rules and other important regulatory frame work

01 WHO CAN APPLY :
Postgraduates in Science/Life Sciences, Ph. D. students, Post Doc Researchers, College and University teachers, Scientists, etc.

02 WORKSHOP FEE :
Rs. 14,500/- + GST @18% (participants from academia & research institutions)
Rs. 18,500/- + GST @18% (participants from industry)

03 NOTE :

- Workshop fee includes workshop kit, laboratory expenses and food (breakfast and lunch). Due to limited availability, accommodation will be arranged on request of the selected candidates. The approximate charges of accommodation would be Rs 750/- (+ GST@12%) per person, per day (twin sharing basis). Participants may utilize ARI canteen facility for dinner on payment basis.
- Selection of candidates and cancellation of workshop will be solely at the discretion of the organizer, and no further correspondence shall be entertained in this regard.

04 IMPORTANT DATES
Receipt of duly filled-in application form: 18th October 2024
Intimation to selected candidates: 22nd October 2024
Receipt of fee from selected candidates: 30th October 2024

05 CONTACT :
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