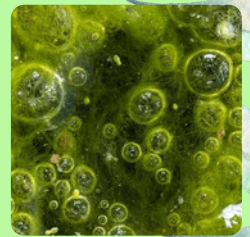
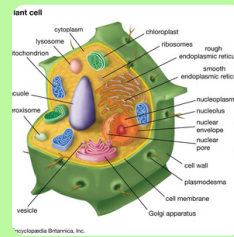
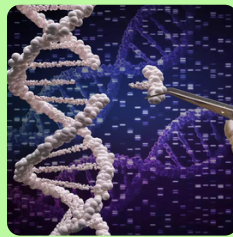


# National Conference on Plant “Omics”: Recent Trends and Applications

21<sup>st</sup> – 22<sup>nd</sup> Feb. 2024



**Organized by**  
**Department of Botany,**  
**Savitribai Phule Pune University, Pune**

## About Conference

Multiple “omics” approaches have emerged as successful technologies for plant systems over the last few decades. Advances in next-generation sequencing (NGS) have paved a way for a new generation of different omics, such as genomics, transcriptomics, and proteomics. However, metabolomics, ionomics, and phenomics have also been well-documented in crop science. Multi-omics approaches with high throughput techniques have played an important role in elucidating growth, senescence, yield, and the responses to biotic and abiotic stress in numerous crops. The integration of functional genomics with other omics highlights the relationships between plant genomes and phenotypes under specific physiological and environmental conditions. The purpose of this Conference is to dissect the role and integration of multi-omics technologies for crop improvement and to understand the plant metabolism.

### Conference venue

Dr. T.S. Mahabale Hall,  
Department of Botany,  
SPPU, Pune

**CONTACT US**



<http://www.unipune.ac.in/dep/t/science/Botany/default.htm>



botanysppu@gmail.com



020-25622290/99

# ABOUT DEPARTMENT OF BOTANY

The Department of Botany, established in 1952, is one of the leading Departments of India in the field of teaching and research in plant sciences. For about four decades after its establishment, the Department was recognized for teaching and research in the areas of Paleobotany, Algology, Mycology and Experimental Botany. After that, in keeping pace with the advances in various aspects of Plant Sciences, the department faculty has started research in molecular biology, development of transgenics, pathway dissection & engineering through transcriptome analysis, next generation sequencing & whole genome sequencing approaches. The Department faculty has received funding from various funding agencies under the programs like DST-FIST, UGC-ASIST, UGC-DSA. The faculty has received several prestigious awards, fellowships & published their research in high impact journals like Nature Genetics, Nature Plants, PNAS etc. & have collaborations with various reputed national and international institutes.

## THEME AREAS

Omics related research areas in the following topics

- Biodiversity and Bioprospecting
- Taxonomy of Lower and Higher Plants
- Plant Physiology and Biochemistry
- Plant Genetics and Breeding
- Plant - Organism interactions
- Medicinal Plants
- Plants Biotechnology
- Climate Change
- Biotic and Abiotic Stress

## REGISTRATION & ACCOMMODATION

### Registration Fees:

- Research Scholars: ₹ 1500/-
- Scientists /Academicians: ₹2000/-

### Registration link:

<https://events.unipune.ac.in/Apps/Applicant/Registration.aspx>

Accommodation available for registered participants on sharing basis.  
Contact at: confeaccomdation23@gmail.com, 9011045067

•Last Date of Registration: 15<sup>th</sup> February 2024

\*No Spot Registration \*



## CALL FOR ABSTRACTS

### Abstract Submission Details

Abstract should be written in MS word, not exceeding 250 words using Times New Roman in 12 pt. The title of the abstract should be concise and do not exceed 16 words. Abstract should be uploaded in the given link **latest by 15<sup>th</sup> February 2024.**



## PRESENTATION AWARDS

**Best Oral and Poster presentations will be awarded.**



## ORGANIZING COMMITTEE

### Chief Patron

**Prof. Suresh Gosavi**

Hon'ble Vice- Chancellor, SPPU

### Patron

**Prof. Parag Kalkar**

Hon'ble Pro-Vice Chancellor, SPPU

### Co-Patron

**Prof. Manohar Chaskar**

Dean, Faculty of Science & Technology,  
SPPU

### Convenor

**Prof. A. B. Nadaf**

Head, Department of Botany

### Co-Patron

**Prof. Smita Zinjarde**

Director, School of Life Science,  
SPPU

### Organizing Secretary

**Dr. Vitthal T. Barvkar**

Assistant Professor, Dept. of Botany

## KEYNOTE SPEAKERS



**Dr. A. A. Mao**

Director, Botanical Survey of India, Kolkata



**Dr. A. K. Shasany**

Director, CSIR – National Botanical Research Institute  
(NBRI), Lucknow



**Prof. Manoj Prasad**

Professor and JC Bose Fellow,  
University of Delhi South Campus, Delhi



**Dr. R. M. Sundaram**

Director, ICAR-Indian Institute of Rice  
Research, Hyderabad



**Dr. M. Sheshu Madhav**

Director, ICAR-Central Tobacco Research  
Institute, Andhra Pradesh



**Dr. Divya Chandran**

Regional Centre for Biotechnology (RCB),  
Haryana



**Dr. Humira Sonah**

Central University of Haryana, Haryana



**Prof. M. B. Siddiqui**

Aligarh Muslim University, Uttar Pradesh



**Dr C. Viswanathan**

ICAR-Indian Agricultural Research Institute, Delhi

## CONFERENCE COMMITTEE MEMBERS

**Prof. A. B. Ade**

Senior Professor

**Prof. A. C. Kamble**

Professor

**Prof. M. M. Sardesai**

Professor

**Prof. D. N. Mokate**

Professor

**Dr. A. A. Naik**

Assistant Professor

**Mr. M. V. Hajare**

Assistant Professor

**Dr. B. G. Meshram**

Assistant Professor

**Dr. M. Y. Borde**

Assistant Professor

**Dr. A. A. Kulkarni**

Assistant Professor

**Dr. H. M. Kotkar**

Assistant Professor

**Dr. S. S. Mitra**

Assistant Professor

**Non-Teaching Faculty members**

**Research Students**

