



21st- 27th December 2026
Delhi University Botanical Society,
and Department of Botany, University of Delhi



In continuation of

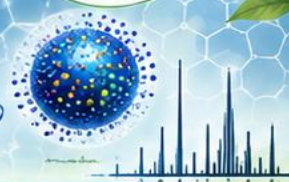
PLANT PROTEOMICS WORKSHOPS

we are organizing a Conference on

“Nanoproteomics: A Futuristic Approach for Sustainable Agriculture and Crop Stress Resilience”

And a Workshop in collaboration with USIC (University Science Instrumentation Centre) entitled:

“Tools and Techniques of Protein Corona Research in Plants”



Special Features

- ☐ Introduction to Nanoproteomics
- ☐ Poster presentation by young researchers



About

Climate change and environmental stress conditions pose major challenges to sustainable agriculture and food security. Nanoproteomics, integrating nanotechnology with proteomics, offers innovative approaches to understand plant stress responses and develop stress-resilient crops. The workshop will cover nanomaterials, nanoparticle characterization, Nanoproteomics, Nanoparticle-protein interaction, mass spectrometry, bioinformatics, and AI-nano-enabled agricultural applications. Emphasis will be on crop improvement, sustainable agriculture and future perspective of nano proteomics through expert lectures, practical demonstrations, and hands-on training.



THEMATIC SESSIONS

1. Climate Smart Agriculture and Nano based Sustainable Crop Production.
2. Nano Biosensors for Real Time Detection
3. Quantum Dots and Nanocarriers: Emerging Nano-Bio Platforms
4. Nanoproteomics in Precision Medicine and Next Generation Healthcare.
5. Molecular Design at Nano-Bio Interface: Protein Structure, Peptide Engineering and Nanomaterial Interactions
6. AI Guided Nanoproteomics: Integrating Artificial Intelligence with Next Generation Nano Bio Discovery

FEE STRUCTURE

	Conference	Workshop	Both
STUDENTS	2500/-	5000/-	6500/- *
FACULTY/ OTHERS	3500/-	6000/-	8500/- *

*A discount of ₹1000/- for attending both



LOCAL ORGANISING COMMITTEE

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CALL FOR ABSTRACT

An abstract highlighting major points of research work (upt to 250 words; font: Times New Roman, 12, single spaced) should be submitted. The abstract should include title, author's name and addresses with e-mail. Submitted research work should be original. The abstract to be sent to the below mentioned mail address:



nanoproteomicsworkshop2026@gmail.com

Last Date of Registration and Abstract Submission is
15th November '26 . Register at
<https://forms.gle/nAjJWbmxiXTcWLA67>



CHAIRPERSON

Sr. Prof. D.B. Sahoo
Head, Department of Botany
University of Delhi



CONVENOR

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MODE OF PAYMENT

Payment can be made through RTGS/NEFT/Cash to Delhi University Botanical Society. A copy of the bank receipt should be mailed to:  nanoproteomicsworkshop2026@gmail.com



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