

National Workshop

on

Modern Tools and
Techniques in Plant
Sciences (MTPS-2023)
15 – 18th February 2023



ORGANIZED BY

Department of Botany
Mahila Mahavidyalaya
Banaras Hindu University,
Varanasi, India

About Varanasi

Varanasi is an ancient city on the bank of the river Ganges in Uttar Pradesh, Northern India. It is one of the most sacred sites in India because it is believed to have been the home of Lord Shiva. The city has been one of the most popular tourist destinations in India due to its endless ghats, famous temples, fascinating rituals, and vibrant religious festivals. For nearly three thousand years, the city has been a hub of scholars and civilization. Varanasi has many historical monuments which reflect its rich cultural heritage. Among the eminent ones signifying the national unity and integrity are the Ashoka-pillar (340 B.C.), Lord Vishwanath Temple (1752 A.D.) and the holy Buddhist place Sarnath where Lord Buddha preached for the first time after attaining the enlightenment. In general, the temperature in Varanasi during February remains between 16°C to 29°C.

About the Institution

Banaras Hindu, University is an internationally acclaimed educational institution located in one of the most ancient cities and cultural capitals of the world, Varanasi. The University was established by Mahamana Pandit Madan Mohan Malviya in the year 1916. Mahila Mahavidyalaya (MMV) was established in the year 1929.

It acts as an excellent platform for higher education and research. It also provides better opportunities for inter disciplinary research due to the presence of different disciplines in same building.

About the Department

Teaching of Botany in MMV, Banaras Hindu University started in 1948. Currently the Department is involved in teaching of Under Graduate (Botany Hons.), Post Graduate (M.Sc. Bioinformatics) and research. The department has received financial support under DST-FIST and DBT Star College Scheme. The frontier areas of research are plant tissue culture, plant-microbe interactions, stress phycology, plant natural products, plant developmental genetics and effect of climatic change on crops.

Aim of the Workshop

The workshop aims for the training of research scholars. The participants will learn modern plant techniques by the experts of different fields. It will enable research scholars to understand various techniques and its practical applications. This will develop research interest amongst students and will help in selecting the areas of their interest.

Training under the Workshop

The workshop will focus on experimental part of the following techniques:

- DNA isolation, primer designing and cloning
- Gene Amplification, Restriction digestion
- Ligation and transformation, Blue white selection
- Plasmid isolation, Verification of insert

Important Instructions

- Registration is open only for PhD students, Post Doc. Fellows and faculty members
- Registration is compulsory.
- The numbers of seats are limited.
- A confirmation mail will be sent to the selected participants.
- Participation certificate will be provided to all registered participants

Registration Details

- The last date of registration is **December 31, 2022**
- Registration Fee- **Rs 2,500/-**
- Click on the given link to fill the registration form:
<https://forms.gle/cTDtLDzijvMs6eWH7>

Organizing Committee:

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Prof. S. K. Jain,
Hon'ble VC, Banaras Hindu University

Patron

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Dr. Rakesh Pandey, Bioinformatics, MMV
Dr. Suparna Basu, Statistics, MMV
Dr. Moumita Das, Geology, MMV

Accommodation

Accommodation to participants will not be provided by organizers. However, assistance regarding booking accommodation at nearby places will be given on demand.

Address for Correspondence

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