



Department of Botany, Chaudhary Charan Singh University,  
Meerut

Organizes

**TWO DAYS FACULTY DEVELOPMENT PROGRAMME**  
On

*MOLECULAR TOOLS & TECHNIQUES  
IN LIFE-SCIENCES*



**Chief Patron:**  
*Prof. Sangeeta Shukla*  
Vice Chancellor, CCSU,  
Meerut



**Patron:**  
*Prof. M. K. Gupta*  
Dean Science, CCSU, Meerut



**Convener:**  
*Prof. Vijai Malik*  
Head, Dept. of Botany, CCSU,  
Meerut



**Organizing Secretary:**  
*Dr. Ashok Kumar*  
Associate Professor, Dept. of  
Botany, CCSU, Meerut



**Date:**  
02-03 Dec, 2022



**Timings:**  
09 HRS to 17 HRS



**Location:**  
Seminar Hall,  
Dept. of Botany,  
CCSU, Meerut

**Invited Speakers**

**Day 1:**

- ❖ *Prof. P. K. Gupta*  
(Emeritus Professor, CCSU Meerut)
- ❖ *Dr. Ashwani Kumar*  
(Associate Professor, Dr. HSG University,  
Sagar, M.P.)
- ❖ *Dr. R. S. Sengar*  
(Head, Dept. of Agriculture,  
Biotechnology, SVPUAT, Meerut)

**Day 2:**

- ❖ *Dr. Sundeep Sharma*  
(Principal Scientist, Biotechnology,  
NBPGR, New Delhi)
- ❖ *Dr. Neeraj Budlakoti*  
(Scientist, ICAR-IASRI, New Delhi)
- ❖ *Prof. Navneet*  
(Head Dept. of Botany & Microbiology,  
GKV, Haridwar)

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**SPEAKERS**

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**CONVENER**

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**ORGANIZING SECRETARY**

*Dr. Ashok Kumar*

Associate Professor, CCSU, Meerut

**MEMBERS**

*Prof. Y. Vimala*

Professor, CCSU, Meerut

*Prof. Rup Narayan*

Professor, CCSU, Meerut

*Dr. Rama Kant*

Assistant Professor, CCSU, Meerut

*Dr. Bhawna Bajpai*

Assistant Professor, CCSU, Meerut

*Dr. Ishwar Singh*

Assistant Professor, CCSU, Meerut

*Ms. Sadiya Samar*

Research Scholar

*Ms. Jyoti Chaudhary*

Research Scholar

*Mrs. Vandana Sharma*

Research Scholar

**Link for Registration/Google Form:**

<https://forms.gle/hd8uxH8h6sME2uFR6>

Preferable Browser: Google Chrome

**VENUE:**

*Seminar Hall,  
Department of  
Botany, CCSU,  
Meerut*

**FREE  
REGISTRATION!!**

**Contact Person: Dr. Ashok Kumar**

**Phone No.: 9411984873**

## Introduction:

The Faculty Development Programme (FDP) is a skill development programme intended specifically for academic educators. The FDP has been designed specifically for candidates to improve their skills and knowledge in technology, management, or any other area of expertise. The goal of the FDP is to keep participants up to date on the most recent research and development by exposing them to real-world issues and solutions.

## About the Programme:

Molecular approaches have been widely employed in the clinical laboratory during the last decade to enhance sensitivity, specificity, and turn-around time. Molecular biotechnology technologies can be used to create and enhance medications, vaccines, treatments, and diagnostic tests that will benefit human, plants and animal health. Advances in technologies such as Multi-omics, GWAS, Bioinformatics etc. will provide newer techniques in genotype identification, epigenetic profiling, data management and modelling. This FDP enables a higher education educator to understand the recent advances in biological approaches, specifically Microbial, Plant, and Animal Biotechnology.

## About the University:

The Chaudhary Charan Singh University (formerly Meerut University) was established in 1965 as a State University of Uttar Pradesh and it situated in the heart of Meerut city. The University campus spans 222 acres of land comprising auditoria, central library, rose garden, indoor stadium, playground etc. Initially, the M.Phil and Ph.D. programmes were started in 1969 taking credit of becoming first University in the country to introduce M.Phil. programme. In 1973, Post Graduate level courses were also introduced with the modernized syllabi. Now, there are five faculties with 22 UGC sponsored and 35 self financed/job oriented courses being run in the campus. 252 professional colleges/institutions 109 colleges and one constituent college are affiliated to Chaudhary Charan Singh University.

## About the Botany Department:

The Department of Botany established in 1969, earlier catered to M.Phil. and M.Sc. (Botany) programmes. In the year 2000, the Department introduced M.Sc. in Industrial Biotechnology. The Department has so far produced over 400 Ph.D. and 550 M.Phil. students. Over 600 research and review articles have been published. Besides running U.G.C teacher fellowship programme, U.G.C leadership project, U.G.C sponsored refresher courses, the Department provides

excellent facilities for research in the areas of Algal Biotechnology, Cytogenetics, Ecology, Environmental Pollution, Heavy metal toxicity, Mycology & Plant Pathology, Nanotechnology, Nitrogen fixation and *Rhizobium* Physiology, Plant Tissue culture, Plant Taxonomy, Reproductive Biology and Stress Physiology.

## How to Reach University:

Meerut is well connected by road and rail to all the major cities of Uttar Pradesh. The University is 9.8 km away from Meerut City Railway Station and 7.2 km away from Meerut, Cantt. Taxi/ Auto service is available from the Railway station as well as from Bus stand.



## Accommodation:

Accommodation will be provided by first come, first serve at the University guest house.