



**MAHATMA GANDHI CENTRAL  
UNIVERSITY**

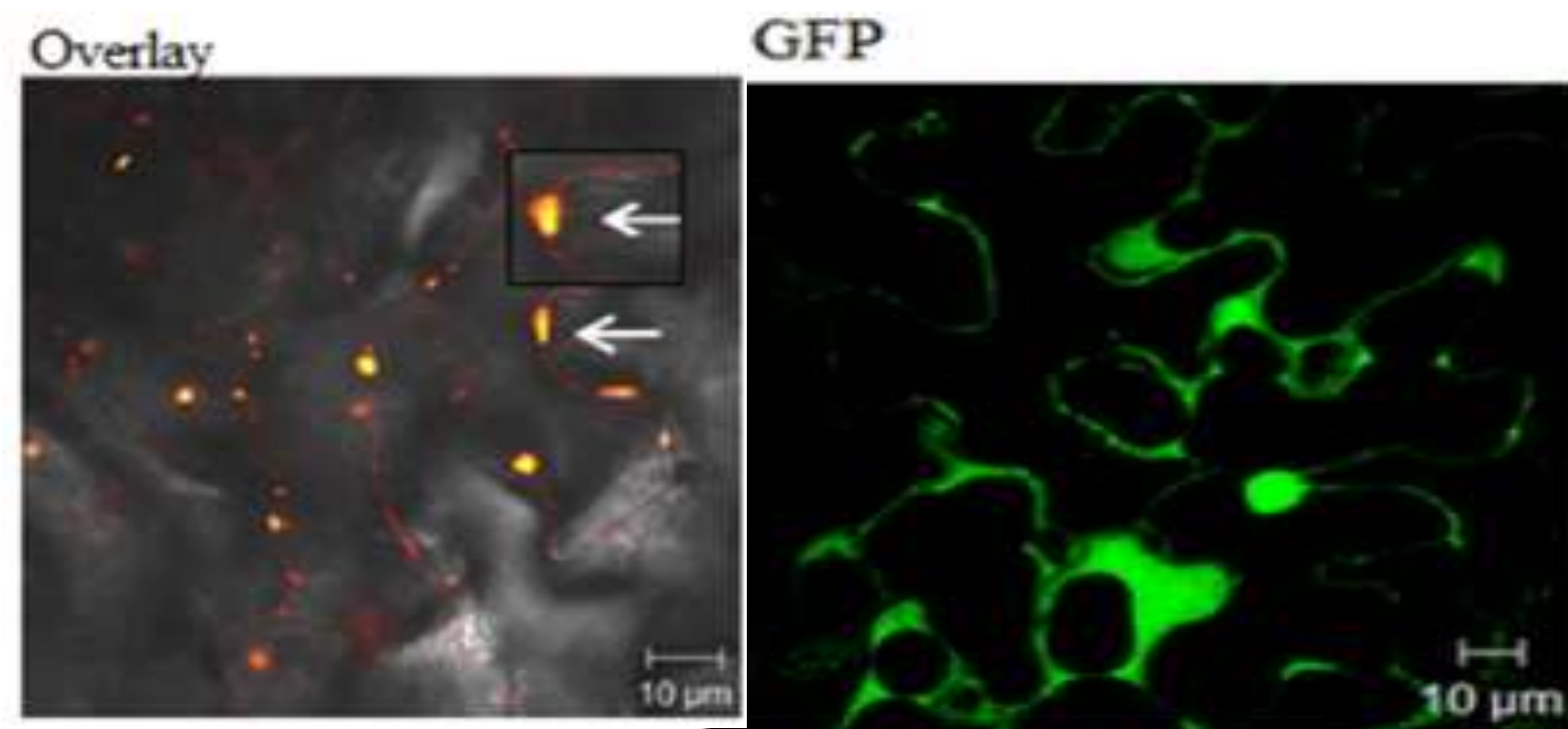
## About the Department

The department started in 2016 with the commitment to empower students with knowledge in key domains of plant sciences through comprehensive teaching and research.

A multidisciplinary approach is the essence of all the programmes of the department ensuring the transformation of the students into young academicians.

## Programmes

**M.Sc. (Botany) and Ph.D. (Botany)**  
Curriculum according to NEP 2020



# Department of Botany

**School of Life Sciences**

## Distinguished faculty and thrust areas

**Prof. Shahana Majumder:** Molecular diagnostics and molecular characterization of plant viruses and their elimination

**Dr. Atul Bhargava (Head):** Plant Breeding and Genetics, Phytoremediation

**Dr. Ram Prasad:** Microbial Biotechnology, Plant-Microbe Interaction, Environmental Sustainability, Bio-nanotechnology

**Dr. Pratibha Singh:** Molecular mechanism of disease development by plant viruses, Plant virus as nanoparticle and their therapeutic application

**Dr. Durgeshwer Singh:** Plant-Microbe Interaction, Radiation Processing, Bioremediation, Nanobiotechnology

**Dr. Tara Chandra Ram:** Cytogenetics, Medicinal and Aromatic Plants, Genomics and Proteomics, Phytochemistry

## Research grant

**DST core grant worth INR. 46 Lakhs**

## Research profile of faculty

**Total citations: 22490**

**Total h index: 115**

**Total i10 index: 279**

## Publications

**Journals: 275**

**Books: 52**

**Book Chapters: 125**

## EXTRACURRICULAR ACTIVITIES FOR HOLISTIC DEVELOPMENT

