

Botany Laboratory

The Departmental Laboratory of the Botany Department at Rajiv Gandhi Government College, Chaura Maidan, is a state-of-the-art facility tailored to meet the practical and academic needs of students in Botany. Equipped with instruments and equipments, the laboratory supports a wide range of botanical studies, providing a hands-on environment for students to explore plant sciences deeply.

The laboratory features high-quality microscopes, including binocular and digital microscopes, enabling detailed observation of plant cells, tissues, and microscopic organisms. For cell and molecular biology, biotechnology and plant tissue culture studies, the lab provides essential instruments such as spectrophotometers, centrifuges, and electrophoresis units for basic and introductory knowledge of these subjects. The laboratory is also equipped with biodiversity specimens, work materials with chemicals, permanent slides, charts & models to supplement and support understanding of syllabus and curriculum. These resources are instrumental in field studies and research on plant-environment interactions, soil health, and conservation.

Safety is a priority, with the lab providing proper ventilation, emergency equipment, and personal protective gear. Regular practicals are conducted to familiarize students with lab equipment and procedures, making the lab an integral part of the botany curriculum. Through its modern facilities, the Departmental Laboratory empowers students with practical skills, fostering critical thinking and encouraging innovation in plant sciences and environmental research.





