

## **Research Facilities**

The department has been pursuing standard research in the forefront areas of plant sciences such as stress physiology, structural & developmental botany, environmental botany, systematics, medicinal botany, plant molecular virology, plant molecular biology and biotechnology. The department has modestly equipped laboratories to meet requirements for research. The available equipment include Growth chambers, BOD incubators, Refrigerated microfuges, Laminar air flow, Shakers, Environmental shaker incubator, Double beam spectrophotometer, PCR, High speed cold centrifuge, Deep freezer (-20, -80), IRGA (Photosynthesis System), Leaf area meters, Flame photometer, Sliding and rotary microtomes, Gel documentation system and Nikon Phase contrast microscope with photographic attachment, Weather station attached with gas monitoring sensors, Spectrophotometers, Chlorophyll Fluorometer, Plant Canopy Analyzer, Rotavapor, Sound level meter, Gas & dust analysing system and Inverted fluorescent microscope among others. A modest Green House and an environmentally controlled Glass House are also available to complement research at the department. The department also houses a herbal garden where maintenance and conservation of medicinally important plants flourishing in and its adjoining districts Delhi is undertaken.