

## RESEARCH FACILITIES

The Department has well equipped laboratories for research. The available equipments include:

1. Gel Documentation System
2. Master Cycler (PCR)
3. Double Beam Spectrophotometer
4. High Speed Cold Centrifuge
5. Deep freezer (-20, -80,)
6. Leaf Area Meters
7. Microplate Reader
8. Protean Plus Dodeca Cell
9. Ultrasonic Processor
10. Perfusion System
11. Inverted Fluorescent Microscope
12. Growth Chambers
13. Hydroponics System
14. Shakers
15. Environmental Shaker Incubator
16. Flame Photometer
17. BOD incubators
18. Refrigerated Microfuges
19. Laminar Air Flow
20. Sliding and Rotary Microtomes
21. Nikon's Phase Contrast Microscope with Photography Attachment
22. Weather Station attached with Gas Monitoring Sensors
23. Spectrophotometers
24. Chlorophyll Fluorometer
25. Plant Canopy Analyzer
26. Rotavapor
27. Sound Level Meter
28. Gas & Dust Analysing System

A modest Green House and an Environmentally controlled Glass House are also available.