



ICAR-Central Agroforestry Research Institute Jhansi :: Uttar Pradesh

Scientific Equipment @ CAFRI Central Facility

S. No.	Instrument	Lab
1.	Microscope	TIR
2.	Bomb Calorimeter with Desktop	TIR
3.	PCR (Conventional PCR)	TIR
4.	UV Transilluminator	TIR
5.	Oil Extraction Unit	TIR
6.	Gel Documentation System	TIR
7.	RT-PCR (Applied Biosystems StepOnePlus)	TIR
8.	Nanodrop/Eppendorf	TIR
9.	Atomic Absorption Spectrophotometer	Soil Science
10.	Automatic N Analyser	Soil Science
11.	Flame Photometer	Soil Science
12.	Line quantum sensor	Agronomy
13.	UV/VIS Spectrophotometer (Parkin Elmer) Lambda-25	Tree Physiology
14.	Refrigerated Centrifuge (Sigma 3-30K)	Tree Physiology
15.	LI 6400XT Portable photosynthesis system (LI-COR)	Tree Physiology
16.	Leaf area meter (CI-203)	Tree Physiology
17.	Portable Water potential system (Psypro-Wescor)	Tree Physiology
18.	Electrophoresis Unit (Atto-corporation)	Tree Physiology
19.	Line Quantum Sensor (Licor) with data logger	Tree Physiology
20.	Digital Plant Canopy Imager (CI-110)	Tree Physiology
21.	Chlorophyll Content meter (CCM-200)	Tree Physiology
22.	Deep Freezer (-20°C) (Panasonic Model MDF U5312)	Tree Physiology
23.	Muffle furnace (5-12L, 1000-1200 °C)	Agroforestry
24.	Spiegel Relaskop	Agroforestry
25.	Rotatory Microtome (Haven Labs)	Agroforestry
26.	Grinder (Big size)	Agroforestry
27.	Wood Working Machine	Agroforestry
28.	Laminar flow	Plant Protection
29.	Digital Vernier Calliper	Plant Protection
30.	Cordless electric chain saw	Plant Protection
31.	Stereo zoom microscope with 6MP Camera and Software	Plant Protection