

Facilities available

at

ICAR-Indian Institute of Agricultural Biotechnology, Ranchi

Existing Research Facilities

- Molecular Biology laboratories
- Bioinformatics laboratory
- Plant Tissue Culture facility
- FRP tanks and aquarium of various sizes for fisheries research
- Ponds for fisheries research
- Research farm
- Library

Existing Equipments

Real-time PCR	Ultra-Deep freezer (-80°C) Refrigerator
HPLC	pH Meter
PCR machine (thermal cycler)	Lyophilizer
Refrigerated centrifuge	EC Meter
Spectrophotometer	Electrophoresis with power supply
Refrigerated circulating water bath	UV-Vis transilluminator
Incubator shaker	Laminar flow chambers
Deep freezer (-20°C)	Ice flaking machine
2-Dimensional electrophoresis system with scanner	Autoclave
Gel Documentation System	Distillation assembly
UV-Vis Spectrophotometer	Stereozoom microscope
Incubator shaker	Leaf area meter
Seed Germinator	Compound microscope
Micro homogenizing system	Sonicator
ELISA Reader	Orbital shaker
Water Purification System	Muffle furnace
Storage and Analytical servers	Chlorophyll meter
Plant Growth Chamber	Workstations
CO ₂ incubator	FTIR
Biosafety cabinet	Micro-volume spectrophotometer