

SCHOOL III- OF CROP RESISTANCE SYSTEM RESEARCH



Laboratory Facilities:

This school has central biotechnology laboratory (contains real-time PCR, gradient PCR, -80 °C and - 20 °C deep freezer, liquid nitrogen containers, ice making machine, refrigerated incubators, spectrophotometer, plant growth chamber etc), tissue culture facility, whitefly rearing facility to conduct basic molecular biological and host-pest interaction studies.



Plant Growth Facility

Tissue culture room



Working laboratory

Common facility



Central Biotechnology Laboratory

Central Molecular Biology Laboratory Facility		
1	UV-Spectrophotometer (macro volume)	1
2	Incubator Shaker	1
3	-80 ⁰ C Deep Freezer	2
4	Refrigerated Centrifuge (50 ml)	1
5	Gel Documentation System with Data storage	1
6	water bath (refrigerator)	1
7	Shaker incubator (refrigerator)	1
8	Ice flaking machine	1
9	Liquid N2 container	1
10	Thermal cycler	2
11	Real time Thermal cycler with data recorder	1
12	Water purification	1
13	Plant Growth chamber (NASF)	1
14	Hybridization oven (NASF)	1
	Other Facilities	
1	Plant Tissue culture facility (contains pH meter, racks, humidifier, autoclave (equitron make) and laminar air flow)) (NASF)	
2	Whitefly rearing and screening facility (NASF)	1