

List of Equipment

Equipment
Spectrum Analyzer (1 no) Logic Analyzer (1 no) DC Power Supply (6 nos.) Digital Multimeter (6 nos.) Function Generators (5 nos.) Data acquisition systems (5 nos.) Video Conference Setup (1 no) Projector and accessories (2 nos.) 3 D printers and laser cutting tools (2 nos.) DSO/MSO (2 nos.) Measurement probes (6 nos.) Grind simulator (1 no.) Wind Simulator (1 no.) Real time simulator (1 n o.) TMP Rotary Pump Mass flow meter (1 no.) CNC, Multilayer PCB Machines (1 no.)
Helix winding machine with pitch measurement system High Frequency PNA for testing (ATE) TWT test power supply Metrological equipment
Scanner, Workstation, Printer
Rotary Pump+TMP
RF Power Supply 13.56 MHz/300W
<ol style="list-style-type: none"> 1. Spectroscopic Sensing System 2. High Performance PC work stations 3. Centralized UPS 4. Embedded Hardware Software platform 5. Environmental Sensor System, temp. humidity, sunlight 6. Water flow and pressure sensors 7. Soil Sensors moisture/conductivity 8. SMPS, batteries, charger power supply 9. SMD soldering stations 10. Handheld DMM rs, signal calibrator and DSO <ol style="list-style-type: none"> 1. Sensors for water quality-TDS, Ph/ORP, with transmitters 2. Sensors for agriculture fields soil moisture/conductivity 3. Water flow and pressure sensors 4. Sensors for environmental monitoring temp., humidity, sunlight, airflow 5. Soil testing and nutrient analysis/calibration meters 6. High Voltage power supply, high current charger for batteries 7. Ozone analyser, UV intensity meters 8. Data acquisition system with printer 4 no for 4 places in agro field networking
Personal Computer Energy Storage Simulator Hardware in loop platform
Various Capital Equipment lie Camera , Illumination System, computer hardware and software
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<ol style="list-style-type: none"> 1. High-end workstation 2. Audio Capture (RIR Measurement) setup including hardware, software, omni directional/Direction speakers, headphones

3. Aroma capture/test bed (Seat)
Force Gauge with Stage Spin Coater Thermal Evaporator
1. Handheld Multiparameter waterproof meter 2. Multi-parameter benchtop meter - PLC with ScADA system with DAS - Computing Platform with display (2 nos. and printer)
Ultrasonic Pulse and Receiver
1. Source meter unit 2. Water chiller 3. Work station 4. Spray Nozzle 5. Digital multimeter
1. Reference Antennas (for appropriate frequency bands) 2. Rotating turn table (Antenna positioner) with associated software and hardware
Halide Gas Scrubber Gauges and Controllers VUV/UV intensity meter
Hardware/Software development platforms, Workstations/GPU laptops, Color Printer
Compact NIR Spectroscopy