

Sr. No.	Name of the Equipment	Specification	Approximate Price
1	Spin Coating Unit	<ul style="list-style-type: none"> • Programming through micro controller • Speed range – 100 RPM to 10000 RPM • Speed accuracy - <math>\pm 1\%</math> error across the full range • Acceleration - 2000 RPM/sec.(max) • Two preset editable recipes • Ten steps (max.) per recipe • Recipe saving option in memory • Real time display of RPM, timing & protocol status on LCD console • User friendly firmware interface • Keypad input and control option • Integrated vacuum release switch on keypad with on / off indication • Calibration option for better performance for variable substrates • Spill drainage facility • Teflon coated 8" dia working chamber • Substrate holder size 1/2", 1", 1 1/2", 2", 3", 4"(For silicon wafer only) • Integrated power on / off switch with indication • Instrument dimension - 15"(W), 10"(L) & 11"(H) • Power - 230 / 220V AC • Wattage -150W 	2,00,000/-
2	Programmable High Temperature Vacuum Furnace (RT - 1500 °C)		4,00,000/-
3	pH meter	<p>Model - Acm-MP PHS-3BW, Measure range i) pH - 0.00-14.00 pH ii) mV - (-1999-1999) mV Accuracy - ± 0.01 pH & 2 mV Resolution - 0.01pH & 1mV Calibration 2 points (pH6.86/pH4.00 or pH6.86/pH9.18), NIST Standard Solution Temperature compensation range 0-99 Auto Power 9V adapter, 220V/50Hz or 110V/60Hz Dimension 210mmx205mmx65mm Weight 1.5 kg</p>	20,000/-
4	Hot plate + Stirrer	<p>C-MAG HS 4 KAMAG®</p> <ul style="list-style-type: none"> - Powerful motor for stirring quantities of up to 5 l (H2O) - Fixed safety circuit of 550 °C - Hot Top indicator >> hot surface warning to prevent burns! - Exact temperature setting via digital display (LED) - Digital error code display - Elevated control panel for protection against leaking liquids 	20,000/-
5	System Source Meter (measurements for device characteristics)	<p>Model 2611A/2612A true current source, DMM, arbitrary waveform generator, V or I pulse generator with measurement, electronic load, and trigger controller – all in one instrument • Family of products offers wide dynamic range: 1fA to 10A and 1µV to 200V • 20,000 rdg/s provides faster test times and ability to capture transient device behavior • Precision timing and channel synchronization (<math>< 500\text{ns}</math>) • USB port for saving data and test scripts • LXI Class C compliance supports high speed data transfer and enables quick and easy remote testing, monitoring, and troubleshooting • Software: – TSP® Express for quick and easy I-V test (embedded) – ACS Basic Edition for semiconductor component characterization (optional)</p>	8,00,000/-
6	Potentiostat	<p>Applied Voltage range: $\pm 10\text{V}$ Applied Voltage Resolution: $5\mu\text{V}$ Accuracy: <math>< 0.1\%</math></p> <p style="text-align: right;">Applied Voltage Max Scan rate: 300V/S</p>	
7	Distillation plant		
8	Sonicator		
9	Vacuum evaporator		
10	Fume hood	<p>Electrostatic pre-filter ,99.5% effective down to 0.5 Micron for Dust & Aerosols; 0.45 KgGP Plus! filter ; FILTCO sourced, Activated carbon filter for capturing vapours ; for Solvents , organic acids , alcohols etc. ; 5.0 Kg</p>	
11	Precesion Impedance/Dielectric analyzer	<p>Impedance analyser(20Hz to 15MHz) Accuracy $\pm 0.05\%$ with buildin microcomputer PC and operation in two modes: meter mode and graphical sweep/ analysis mode</p>	