




List of Equipment and instrument in central instrumental facility Lab

Lab No. – 303 and 307

(Second Floor Composite Laboratory Building)

S.No.	Name of the Instrument (Lab No.).	Image of the instrument
1	Inert Gas Evaporation System	 A photograph of an Inert Gas Evaporation System in a laboratory setting. It consists of a large white cylindrical chamber on a stand, a control panel with various buttons and a digital display, and a blue rectangular unit on wheels to the left. The background shows a typical lab environment with a desk and other equipment.
2.	Source meter- Keithley 2450	 A photograph of a Keithley 2450 Source Meter. The device is a rectangular unit with a large color LCD screen on top displaying a software interface. Below the screen are several physical buttons and a red emergency stop button. The unit is sitting on a light-colored surface.
3.	Spin coater	 A photograph of a spin coater. It is a white, boxy machine with a black top surface where the wafer is placed. The front panel features a digital display and a keypad with buttons for various settings. Text on the front includes 'Spin Coater: SpinNXG-PIA', 'Stock register entry: Page 02, U.India', '2018-19', and 'DST/INSPIRE/04/2015/001199'. The brand name 'd' is visible on the keypad area.

4.

Spin coater : spin NXG-P1A



5.

Magnetic stirrer



6.


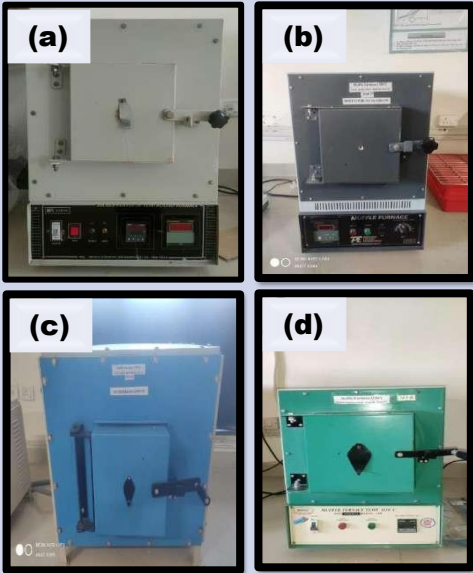


Weighing Machine



7.

Ultrasonication



<p>8.</p>	<p>Solar Simulator</p>	
<p>9.</p>	<p>(a) Muffle Furnace (b) Muffle furnace 1100°C (c) Muffle Furnace 1400°C (d) Muffle Furnace 1150°C</p>	
<p>10.</p>	<p>Single Zone Tubular Furnace</p>	
<p>11.</p>	<p>Double Zone Tubular Furnace</p>	

12.

Hot Air Oven



13

Filtration Unit



14

UV Ozone Cleaner



15

UV Cabinet 3 tube



16

Pallet Making Machine



17

**Labman – Ultrasonic
cell crusher noise
isolating chamber**



18

**UV-Vis Double Beam
Spectrophotometer :
LMSP-UV 1900**

