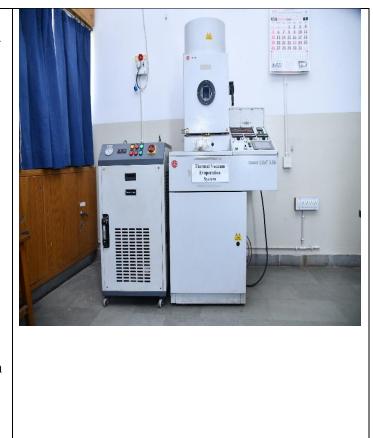
CENTRAL INSTRUMENTATION FACILITY (CIF) IIS (DEEMED TO BE UNIVERSITY) JAIPUR

HIGH VACCUM FILM COATING MACHINE

- Make /Model: Hind High Vacuum/ SMART COAT 3.0A
- > Specifications:
- Chamber Size: Auto 306 options: FL400 Box Chamber:400mm Bell Jar: 315 mm Cylindrical glass chamber:300 mm Auto 500 options: FL400: 400 mm FL500: 500 mm
 HV Pumping Options:
- Diffusion/Turbo with built-in liquid nitrogen trap
- Roughing/Backing Options: Rotary/Dry
- **Base Pressure:** 5X10⁻⁷ mbar
- Substrate Size: Up to 260mm
 Substrate Holder: Rotary,
- Substrate Holder: Rotary, Planetary, Knudsen planetary, Domed, Heating, Biasing, Z shift and other custom options.



Testing Name	Industrial	Academic	Students and	
		Institutes	Faculty of IISU	
Coating on the surface	Rs. 1000/-	Rs. 500/-	Rs. 200/-	Per Sample (Max. Sample:
				5)
Nano crystalline material preparation	Rs.1500/-	Rs. 500/-	Rs. 200/-	Per 1gm as material cost
(Hydrothermal technique)				
Growth of Nanoparticle				
size(10to 100nm)				

NOTE:

- The candidate is required to bring their own material for coating.
- Only glass substrate will be available at the CIF. The candidate is required to bring their own substrate if other than glass is to be used