



**STARTUP
INCUBATION AND
INNOVATION
CENTRE
IIT KANPUR**



Prayas Centre Name Startup Incubation and Innovation Centre, IIT Kanpur

City KANPUR

State Uttar Pradesh

Equipment available at SIIC IIT Kanpur DST PRAYAS Shala

Electronic/Prototyping Facility		
Section	Electronic/Prototyping Facility	
Sr. No.	Equipment Name	Equipment detail
1	The Laser Sintering Machine with sintratec central software - 3D Printer	<p>Brand - Sintratec Model - Sintratec S1 Specification - Printing Technology: SLS Build Volume: 130 x 130 x 180 mm // 5 x 5 x 7 inch Recommended min. wall thickness: 0.8 mm Powder Diameter: 60 Microns Weight: 67 kg Material Type: Nylon Light Source: Laser Diode Platform Levelling: Automatic powder spreading Dimensions: 670 x 365 x 757 mm Special Features: 7-liter powder capacity Print Speed Guideline: 20 cm³/hr Layer Thickness: 100 microns Slicing Software: Sintratec Central File Input Format: STL Power Supply: 230v, 1.9 kW at max. power Connectivity: USB Software Compatibility: Windows</p>
2	Licence Designing and Simulation Software	<p>Brand - HP Model - EliteDesk 800 G3 Tower Business PC Specification - 65 W Up to 4.2 GHz maximum Turbo Frequency (3.6 GHz base frequency) 8 MB cache, 4 cores, 8 threads Intel HD Graphics 630 DDR4 memory up to 2400 MT/s data rate Supports Intel vPro Technology and Intel Stable Image Platform Program (SIPP)</p>

Section		
Metalworking Facility		
Sr. No.	Equipment Name	Equipment detail
3	Laser Engraving and Cutting Machine	<p>Brand - Epilong Model - MINI24 Specification - Engraving Area- 24"x 12"(610 x 305 mm) Maximum Material Thickness - 5.5" (140 mm) Maximum Material Thickness with Table Removed - 8" (203 mm) 23.5" x 11.75" (597 x 298 mm) engraving area. Laser Wattage - 30, 40, 50, or 60 watts Resolution - User controlled from 75 to 1200 dpi Size (W x D x H) - 34.5" x 26" x 16" (876 x 660 x 406 mm) Weight - 90 lbs (41 kg) 120 lbs (55 kg) w/stand Electrical Requirements - Auto-switching power supply accommodates 110 to 240 volts, 50 or 60 Hz, single phase, 15 amp AC. Maximum Table Weight- The Mini 18 and 24 have a static table weight of 50 lbs (22.7 kg) and a lifting table weight of 25 lbs (11.5 kg). Normal Sound Level - 59 db</p>