

### Specifications for 3D Printing Desktop Printer for Mechanical Engg. Deptt.

1	Printing Technology	Fused Deposition Modeling 3D Desktop Printer
2	Build Volume	10x12x12 cm <sup>3</sup> (Minimum)
3	Layer Resolution	100-400 Microns
4	Filament Material	Such as ABS, Nylon 6, PLA, tough PLC having diameter 1.75 mm
5	Nozzle Diameter	0.015 inch (minimum)
6	Software	Should be included
7	Supporting Files	STL
8	Operating System	Window 7+
9	Power Requirement	230V, 60Hz
10	On board camera	640x480 resolution (minimum)
11	Connectivity	Wi-Fi, USB and Ethernet

Note:

- i. 4 year annual maintenance contract included.
- ii. Machine installation and operating training should be provided by supplier.