

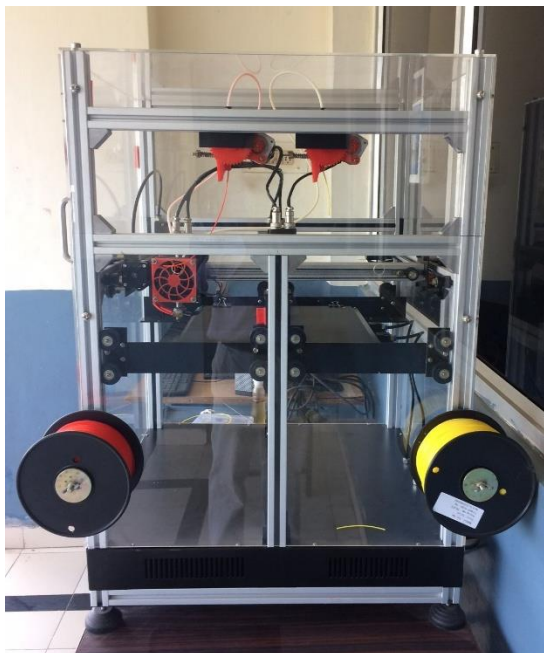
EASWARI ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
Research Infrastructure and Equipment

Digital Manufacturing Lab

3D PRINTER

Create mechanical parts with complex shapes that are impossible or difficult to create with other manufacturing methods. Functional prototypes and final products like 3d printed gears, rotors, knobs etc.

MODEL: S- 300DH



S- 300DH : 3D PRINTER - FEATURES

- Printing Volume (L x W x H) mm : 300 x 300 x 300
- Resolution 100 micron
- Dual Head Nozzle
- All Aluminium rugged construction.
- Unique- all metal head extruders - Dual extruders.
- Standalone operation using SD card
- Stationary heater bed for improved accuracy.
- Silent operation.
- Filament sensor to detect error and pause printing.
- Print speed up to 3x.
- Prints with all type of filaments - PLA, ABS, Nylon, HIPS, Lay wood.
- Open frame design for easy removal of large prints.

IC Engine Lab

VCR ENGINE SETUP



Name of the Equipment	VARIABLE COMPRESSION RATIO ENGINE
Name of the Manufacturer	Kirloskar
Fuel	Diesel
Bore	87 mm
Stroke	110 mm
Power	3.5 Kw
Compression Ratio	12 to 18
Cooling	Water
Speed	1500 rpm
Date of Purchase	28/6/2008
Price of Instrument	Rs. 498375.00