

# PACKAGE-2 FOR ATL LAB

## Rapid Prototyping Tools

Name	Description	Suggested Quantity	Type
3D PrinterKit and tools	Printer Type : FDM (Fused Deposition Modelling ) Minimum Dimensions : 160 mm x 160 mm x 160 mm Build Size or 4 litre Build Volume : Nozzle : 0.3 mm to 0.4 mm nozzle diameter, slioiing software should be free or Open source ,LCD Screen UI that display print metrics, Good Heated Print bed . Material Compatibility-PLA, ABS, and derivatives of PLA , Ninjaflex Quality Anti-bacterial/fungal Cover. Repair Kit - with spare springs, screws, keys, tweezers, etc.	1	Equipment
Dedicated UPS/Power Backup	Dedicated UPS/Power Back up with 2-hour battery backup.	1	Equipment
Filament for 3d printer	Compatible 1000 Grams Filament in 5 different colours	5	Consumable
Filament Storage Box	Compatible Filament Storage Box	5	Consumable
Set of Arts & Crafts Accessories - e.g.- statinonary items and basic prototyping material	Cardboard	5	Consumable
	Foam Core Boards	5	
	20m spool of thick strings various colour	5	
	Rubber band	100	
	Popsicle sticks	100	
	wood gue - 500ml	2	