

AICTE - IDEA LAB

Mandatory Consumables

1	VACCUM CLEANER
2	HOT AIR GUN 5 NOS
3	Measuring Equipment (Vernier Calliper 0-200, Vernier Height Gauge 0-1000mm, Micrometer 0-50, 50-100, Metal Scale)
4	FIRE EXTINGUISHER
5	FIRST AID BOX
6	DIGITAL MULTIMETER 5 UNIT
7	Clothes Iron 5 Unit
8	ELECTRONIC COMPONENT REPOSITORY (LCR METER, Variac)
9	Consumables
	3D Printer Filament 2 Rolls
	ACRYLIC SHEETS 8ft x 4 ft (2MM, 3MM, 4MM, 5MM)
	FOAM SHEETS 8ft x 4 ft (8MM, 10MM, 12MM, 15MM)
	PLY BOARDS 8ft x 4 ft (8MM, 12MM, 18MM)
	Nylon rods length 1 m (12 mm, 15 mm, 18 mm, 25 mm)
	Nuts (3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm)
	Bolts (Length 1", 1.5", 2", 2.5") (3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm)
	SCREWS EACH (3mm, 4mm, 5mm)
	WASHERS EACH (3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm)
	Studs (6mm, 8mm)
	NAILS (1", 2", 3")
	ADHESIVES (M-SEAL, FEVIQUICK, FEVI BOND)
	2 WAY TAPES 20 ROLLS
	PVC PIPES Length 10 FT (0.75", 1", 1.5", 2.5", 3")
	Aluminium Channels Length 12ft (L, C, Box, Strip)
	PCB DRILL BITS (0.5 mm, 0.8 mm, 1 mm)
	Drill bits (3mm, 4mm, 5mm, 6mm)
	Drill bits (8mm, 10mm, 12mm)
	CARPENTRY BORING BITS ENTIRE KIT
	Electronic Active and Passive components (RESISTORS, CAPACITORS, DIODES, TRANSISTORS)
	USB CABLES FOR CONNECTING ARDUINO AND OTHER DEVELOPMENT BOARDS
	RADIUM CUTTER KNIVES
	GLUE STICKS
	HACK SAW BLADES (6", 12")
	9V BATTERY SNAPS
	LAN CABLES FOR CONNECTING RASPBERRY
	9V BATTERIES