

# Galgotias AICTE IDEA Lab, Galgotias College of Engineering and Technology, Greater Noida - 201 310

Each Apparatus / Equipment / Machine / Tools etc. must be of Excellent Quality and of Reputed Brand.

Further, items mentioned in Part-A and Part-B must have 3 years of onsite / in-campus warranty.

Item Cat.	S. No.	Name of Apparatus / Equipment / Machine / Tool / Consumable	Specifications (for Tender Notice)	Qty	
D	D	<b>Part-D</b>	<b>Consumables</b>		
D	1	Fire Extinguisher		4	
D	2	Gypsum	in Kg	10	
D	3	Acrylic Sheet	2 mm, 3mm, 4 mm, 5mm; 8x4 Ft (2 sheets of each; total of 08 sheets)	8	
D	4	Foam Sheets	8, 10, 12, 15mm; 8x4 Ft (2 sheets of each; total of 08 sheets)	8	
D	5	Ply Board	8, 12, 18 mm; 8x4 Ft (2 sheets of each; total of 06 sheets)	6	
D	6	Nylon Rods	12, 15, 18 mm; 1 m length of each (5 rods of each; total of 15 rods)	15	
D	7	Nuts (Various sizes)	3mm,4mm,5mm, 6mm,8mm,10mm, 12mm; One pack of each (approx. 100 Pc Pack), Total 07 Packs	7	
D	8	Bolts (Various Sizes)	3mm,4mm,5mm, 6mm,8mm,10mm, 12mm; One pack of each (approx. 100 Pc Pack), Total 07 Packs	7	
D	9	Screw (3,4,5 mm)	3mm,4mm,5mm One pack of each (approx. 100 Pc Pack), Total 03 Packs	3	
D	10	Washers (various Sizes)	3mm,4mm,5mm, 6mm,8mm,10mm, 12mm; One pack of each (approx. 100 Pc Pack), Total 07 Packs	7	
D	11	Studs (6, 8 1 m)	6 mm, 8 mm, 10 mm (1 Pck of each)	3	
D	12	Nails (1", 2", 3")	0.5", 0.75", 1", 1.25", 1.5", 2", 3", 5" (1 pack of each; Pack of 100 Pc.); TOTAL 8 Pkt	8	
D	13	Adhesive # M Seal	5 Pc	5	
D	14	Adhesive # Feviquick	5 Pc	5	
D	15	Adhesive # Fevicoal	100 gm, 250 gm (2 each)	4	
D	16	2 Ways Tapes		10	
D	17	PVC Pipes	0.75, 1, 1.5, 2.5, 3 inches; 2 lengths of each, each length of 10 ft (Total 10 Pipe Lengths)	10	
D	18	Aluminum Channels	L, C, Box, (1, 1.5 and 2 Inch), ONE of each, each of 12 Ft length (Total 9 lengths)	9	
D	19	Radium Cutter Knives	Standard Sizes / Shapes with 3 different handles	6	
D	20	Glue Sticks	Small size	10	
D	21	Hack Saw Blades (6", 12")	6 Inch and 12 Inch (one pack of each, 10 Pc in each Pack)	2	
D	22	Electronic Active & Passive Components	Resistors, Capisitors, Diodes and Transistors; Of all common / general used values (approx. 20 Pc each)		
D	23	LAN Cables	Standard Length	10	
D	24	USB Cables	Standard Length	10	
D	25	9V Battery Snaps	With DC Jack and with open wire (10 each)	20	
D	26	9V Battery	Rechargeable	10	
D	27	9V Battery Charger	2 Batteries at a time	2	
D	28	Relay modules	Ethernet Controlled relay, Bluetooth controlled relay, Wi-fi controlled relay 8 Channel	10	
D	29	GPIO	Ethernet Controlled relay, Bluetooth controlled relay, Wi-fi controlled relay 8 Channel	10	
D	30	RFID Reader-Tags	Standard Ones	10	
D	31	RF Modules	Tx & Rx 315 MHz ASK	10	
D	32	Stepper motor with Driver Board	Standard Ones	10	
D	33	Servo Motor	360 rotation	10	
D	34	Servo Motor	180 rotation	10	
D	35	Metal Gear Servo Motor	(180° Rotation)	10	
D	36	Solder Flux		5	
D	37	Breadboard	830 Points Solderless	5	
D	38	Breadboard	400 Points Solderless	5	
D	39	Breadboard	Standard One	5	
D	40	Copper Clad Board	single side	10	



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D	41	Copper clad board	double side	10	
D	42	Breadboard Jumper	Male to Male	10	
D	43	Breadboard Jumper	Female to Female	10	
D	44	Breadboard Jumper	Male to Female	10	
D	45	Arduino UNO	Excellent Quality	10	
D	46	Arduino UNO R3	Excellent Quality	5	
D	47	Arduino UNO R4	Excellent Quality	5	
D	48	Arduino NANO	Excellent Quality	5	
D	49	Arduino Mega	Excellent Quality	5	
D	50	Raspberry Pi Model 4B, 4GB	Excellent Quality	5	
D	51	ESP8266 NodeMCU	Excellent Quality	5	
D	52	Beaglebone blu	Excellent Quality	5	
D	53	Beaglebone Black	Excellent Quality	5	
D	54	GSM/GPRS/GPS Module	Excellent Quality	10	
D	55	Piezoelectric Plate	Excellent Quality	10	
D	56	8*8 LED Matrix Module	Excellent Quality	10	
D	57	Vibrating Motor	Excellent Quality	10	
D	58	Flex Sensor	Excellent Quality	5	
D	59	Water Flow Sensor	Excellent Quality	5	
D	60	KIT-1	Official Arduino Sensor Kit - Base	2	
D	61	KIT-2	Roinco Multipurpose Starter Kit for Arduino IDE - Robotics For Beginners	2	
D	62	KIT-3	Quad Store 37 in 1 Sensor Modules Kit compatible with Arduino Raspberry Microcontrollers with box	2	
D	63	KIT-4	Robocraze 37 In 1 Ultimate Sensor Modules Kit for for boards compatible with Arduino, NodeMcu, Raspberry Pi, Robotics Projects	2	
D	64	KIT-5	REES52 Mini, Pir, Ultrasonic, Dht 11 Temperature, Ir Proximity1 Ultimate Sensor Modules Kit With Sound SensorUno R3. Mega 2560, rpi Pi and All Microcontrollers	2	
D	65	KIT-6	Quad Store 16in1 Sensor Modules Kit compatible with Arduino Uno R3, Mega 2560, Nano, Raspberry Pi with box	2	
D	66	KIT-7	Mechatron Robotics 20+ IOT Project Kit with Free Course   Science Kit   IOT Starter Kit   ESP32 IOT Board   IOT Sensors Electronics Kit	2	
D	67	KIT-8	WitBlox Clap Sensor Kit   DIY Sound-Activated STEM Kit for Kids Age 8,9,10,11,12   Make 6+ Projects: Clap Lamp, Clap Car, Lung Tester   Sound Sensor	2	
D	68	KIT-9	IoT & Home Automation Kit   17+ DIY Projects   Compatible with ESP32   Build Smart Home Devices, Sensors, Web Server & MIT App Control	2	
D	69	Quadcopter assembly kit	Quadcopter assembly kit	1	
D	70	Electrical Bicycles with accessories	Electrical Bicycles with accessories	1	