

**List of SSIP Components in FAB Lab of ADIT**

<b>Sr. No.</b>	<b>Component list</b>	<b>Quantity</b>
1	Raspberry Pi 3 B+ Module	1
2	Intel Galileo Gen 2 Development Board	1
3	Step down DC-DC adjustable voltage regulator 3A Output	2
4	HTC DM-81 Digital Multimeter Serial HTC-A3	3
5	Electrobot 6 in 1 Electric Soldering Iron Stand Tool Wire Stripper Kit 25 Watt Welding Stick	3
6	Variable power supply (0 -30V, 3A)	1
7	Cytron Dual Channel Enhanced 13Amp DC Motor Driver 30A Peak MDD10A	2
8	NEMA17 stepper motor 4.2 Kgcm	2
9	DRV8825 stepper motor driver	2
10	DC-DC 12V 5V to 3.3V Step Down Voltage Regulator Power Module	1
11	Advanced Auto-Calibrating Line Sensor LSA08	2
12	DC Motor – 300RPM – 12Volts	4
13	DC Motor – 10RPM – 12Volts	2
14	MPU-6050 3-Axis Accelerometer and Gyro Sensor	2
15	Arduino Uno R3 ATmega328P ATMEGA16U2 Compatible with USB Cable	5
16	Arduino Mega 2560 board with USB cable	1
17	Arduino nano V3.0 development board with microUSB cable	2
18	Robocraze Node MCU development board with micro USB cable	3
19	SMART 3.2 Inch TFT LCD Display Module Touch Screen Shield Onboard	1
20	Geekcreit® 45 In 1 Sensor Module Board Kit Upgrade Version For Arduino Plastic Bag Package	1
21	Black & Decker KS900EKX IN Variable Speed Slightline Autoselect Pendulum Jigsaw 600 W	1

22	Arduino Ethernet Shield W5100	1
23	NRF24L01 Wireless Transceiver Module	8
24	RFID Reader/Writer RC522	1
25	GM320 Non Contact Laser LCD Display Digital Infrared(IR) Thermometer Temperature Meter Gun -50°C to 330°C	1
26	Zigbee XBee Module S2C 802.15.4 2mW with Wire Antenna XB24CZ7WIT-004	4
27	CNC shield V3 for Engraving Machine 3D Printer A4988 DRV8825 driver expansion board	1
28	L293D Motor Drive Shield for Arduino UNO Mega2560	1
29	DIY Arduino Lilypad Main board ATmega328 (Purple)	1
30	Hacksaw blade holders	1
31	Thermocouple type K stainless steel	5
32	Pressure Gauge 0-10 Kg/cm <sup>2</sup>	1
33	Techometer	1
34	Pressure Gauge 0-25 Kg/cm <sup>2</sup>	1
35	Electronic Balance	1
36	Digital Thermometer	1
37	Vaccum Pump	1
38	Maco clamp meter	1