

LIST OF EQUIPMENTS FOR AI & ROBOTICS LAB

Sl.No	Items	Quantity
1	2WD-Jetbot AI Robot kit Powered with Jetson Nano 4GB	1
2	Jetson nano dev kit 2GB with AI camera assembly	1
3	Rpi Lidar add-on kit	1
4	Google AI Voice Kit for Raspberry Pi (Pi zero included)	1
5	Raspberry pi 4 – 8GB	3
6	Raspberry pi 4 – 4GB	4
7	Raspberry pi 4 AI dev kit	7
8	Waveshare 5inch Display for Raspberry Pi	2
9	7" Official Raspberry Pi touchscreen with case	2
10	4WD Mecanum Wheel Robot Chassis with Driver and Battery	2
11	4WD Metal Robotics Starter Kit Compatible with Raspberry Pi/Jetson	5
12	Stm32 Board- STM32F401CCU6	5
13	Esp32 wroom dev board with 18650 board	5
14	Pico pi with cable	15
15	Arduino mega	3
16	Arduino uno	3
17	Esp32 development board	5
18	OLED display	15
19	Basic sensors kit	15
20	Motor driver	15
21	Metal 2WD Dev chassis kit	15
22	Bluetooth module	15
23	2 Channel Computer Based Oscilloscope	1
24	Electronics workstation with magnifier and stand	1
25	Soldering Station with fume extractor	1
26	Multimeter - fluke 106 palm size	1
27	SMPS 12v 5a	2

28	Basic electronic components rack	2
29	Breadboard 400 points	20
30	Breadboard 170 points	10
31	Tools kit (basic tool kit)	3
32	Battery pack chargers	1