



MALLAREDDY ENGINEERING COLLEGE FOR WOMEN

Permanently Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institute

Accredited by NBA & NAAC with 'A' Grade

NIRF

ROBOTIC CENTER OF EXCELLENCE

LIST OF EQUIPMENT

S.NO	NAME OF THE EQUIPMENT	QUANTITY	COST
1	PLC Automation Unit	1	4,00,000
2	3D Printing Machine	1	3,00,000
3	Double Side PCB Routing Machine	1	2,50,000
4	CNC Automation Machine	1	2,50,000
5	Robo Arm	1	1,75,000
6	6 DOF Humanoid Robot	1	1,25,000
7	IOT Mini Project Equipment	1	1,25,000
8	ROBOTIS MINI	2	1,06,500
9	NVIDIA Jetson Nano Developer Kit	3	34,500
10	Docilex	30	1,20,000
11	Webinar setup	1	1,00,000
12	Turtlebot3 Burger	3	1,80,000
13	ESP32 AIoT Development Board for Image, Audio Processing	1	3,200
14	Robotis Software licence	2	42,500
15	Robotic Arm 6 DOF + Servo controller board	3	43,350
16	LIDAR	1	19,170
17	IOT development board	20	97,000
18	Hex Pod Multi-Terrain Robot	1	85,000
19	Mobile robot platform with 12v 60 RPM encode DC motos	10	75,000
20	Raspberry pi and its accessories	1	72,000
21	3 axis DRO equipped table top drilling machine	1	70,000
22	Robox Pro	5	62,500
23	Bench Lathe	1	60,000
24	Basic Electronic Tools and Accessories	1	50,000
25	External i/o, Wi-Fi Bluetooth, Ethernet Zigbee USB shield for arduino and raspberry pi	10	45,000
26	Omni wheel robot	1	27,500
27	Digital measuring instruments-Dial gauge, venire calipers, screw gauge	1	15,000
28	Wooden shelf with required branding and foam boards	1	15,000
29	Bending machine with bending tool	1	12,500
30	Basic Mechanical Tools and Accessories	1	10,000

21	Rovio Robot	1	10,000
32	Robo maid	1	8,000
33	Node MCU Esp-32	20	6,000
34	Zigbee Transreceivers Module	6	6,000
35	Arduino mega R3	5	3,750
36	Arduino uno R3	5	2,750
37	Angle Grinder	1	2,000
38	Sensor modules set	1	2,000
Total Amount			29,39,220