Digital laboratory:

1/1/25

Digital laboratory is equipped with computer hardware components such as Microprocessors, Digital Circuit components, IoT Components, Motherboard, CPU, Disk drives and Routers. It is designed to facilitate the students to carry out hardware-based experiments to obtain a comprehensive practical knowledge on computer architecture and interfaces. It also helps the students with adhoc access to the hardware components during Hackathon or Project competitions.

S. No	Name of the of Equipment	Quantity (No.)	Lab Area
1	Raspberry Pi4 4GB	01	91.4
2	SD Card (minimum 32GB) class 10	01	
3	HDMA to VGA Convertor Cable	15	
4	USB power cable -5v adapter	15	
5	LED 5mm	100	
6	Resistor 156 ohms ¼ watt	100	
7	Push button	20	
8	Buzzer 12v	20	
9	Ultrasonic sensor –HC SR04	20	
10	Web camera- with USB port	05	
11	LCD Display 16×2	20	
12	LM35(Temperature sensor)	10	
13	MCB 3008 Board with IC	10	
14	Servo Motor-Tower Pro SG 90	20	
15	PIR Sensor	20	
16	LDR Module	20	
17	Connecting jumper wires(M2M,M2F)	480	
18	Raspberry Pi4 2GB	10	

Lab In-Charge Signature

HoD Signature

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