Key features -

- Industry 4.0 and IoT for Robotics

- Pillars of Industry 4.0, IoT building blocks and IIoT architecture Sensors and actuators for robotics, IoT communication protocols: MQTT, HTTP, Modbus TCP, Cloud computing basics

- Data logging and dashboards, IoT Security basics, Digital Twin concepts

- Arduino/NodeMCU/Raspberry Pi:

- LED, Motor, Servo control

- Ultrasonic sensor measurement

- MQTT Publish/Subscribe

- Cloud Integration (Thingspeak, Blynk, etc.)

- Data logging and Dashboard creation

- IoT-based Robot monitoring (demo)

- Smart Workcell Simulation (Digital Twin basics)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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