

EVENT REPORT

**IEEE Women in Engineering Affinity Group,
IEEE Bangalore Section**

Date:21st September to 25th September 2023

Coordinator(s) Name: Prof.Pushpalata Patil

Total Number of Participants: 25

Targeted Audience: Faculty members.

About the Event: Department of Computer Science and Engineering has conducted workshop for Faculties on “Five Days Hands-on Training on Internet of Things(IoT)” by resource person Mr.S.Karthikeyan , Technical Consultant,Cadmaxx Edtech Pvt Ltd ,Bangalore.

Resource person gave introduction of Internet of Things(IoT) with Open source hardware(ESP32) which is the ultimate IoT board with wired 100Mb Ethernet Interface, Bluetooth LE, WiFi, Remote control IR, and CAN connectivity. Introduction to MQTT Protocols,Long Range IoT/Industrial IoT,Hardware selection for LoRa Technology,Arduino Based LoRa Modules. Sir also delivered Hands-on Sessions on Analog sensor interfacing,Actuator interfacing,Bluetooth low energy,Gateway registration with Network Server,End device data interfacing for raw data in the things network cloud platform,payload formatter for viewing real data .

Photograph:

