



Dept Name :Electronics and Communication Engg.

Title of the Activity: Real life applications of IoT

Name of the Faculty: Dr.Mrs.Anagha Rathkanthiwar

Resources used: various IoT tools like Node MCU / ARDIUNO / Raspberry Pi, sensors, actuators, Breadboard etc (Hardware implementation and demonstartion)

Brief Description of Activity: To Explore what the Internet of Things is. To explore different IoT applications & how different industries are applying the concept, and what the future of IoT looks like. To implement real life application of IoT and demonstrate it. To write a case study for the same.

Number of Students Involved: 40

Outcome: 1) All the students formed groups and implementd one real life application using IoT tools. 2) They lerant how to build any IoT application using hardware and proگرامing. 3) They prepared case study and submitted. 4) They found this activity very much interesting.

Photograph:



Fire detection alarm using Arduino



Home appliances control using Android



Temprature sensor using Arduino Uno



Soil monitoring system using Arduino