



Padm. Dr. V. B. Kolte College of Engineering, Malkapur

Department of Computer Science and Engineering

Summary Report

On “IoT for Beginners”

Department of Computer Science and Engineering of Padm. Dr. V. B. Kolte College of Engineering, Malkapur (VBKCOE) conducted 5 – days workshop on “IoT for Beginners” for all the students of CSE 3rd and final year dated from 22 May to 26 May 2021 through online mode on GoogleMeet platform. We know that this is very critical condition for the world to face the disease –COVID-19. But utilize this lockdown period effectively we conduct this activity which will improve their knowledge in industrial point of view.

Name of Speaker: **Prof. Sayali Karmode**
Assistant Professors
Department CS & IT Department
Satish Pradhan Dnyanasadhana College, Thane

Contents of “Cloud Computing”

- Introduction to the world of Internet of Things
- Introduction of the IoT and Course
- Sensing
- Actuating
- Basics of Networking I
- Basics of Networking II
- Introductory quiz
- Getting familiar with various sensors
- Quiz
- Getting familiar with various sensors
- Devices and Sensors quiz

IoT Applications, M2M and its difference

- Time for Convergence
- Major Issue in IoT
- Various applications of IoT
- Project: Smart home Automation Using IoT
- M2M vs IoT: The Key Differences
- Quiz

Practical Learning

- Introduction to Raspberry pi(latest version)
- What is Arduino Board? Raspberry Vs Arduino.
- How to install Raspian Operating System in Raspberry pi

Date: 22 May to 26 May 2021

Time Duration: 11.00 am onwards

Total no. of students attended this program: 44

Program in charge: Prof. B. B. Thakare, CSE department, VBKCOE, Malkapur.

Link of conduction -

Topic: Guest Lecture On " IoT for Beginners "

Time: Apr 24, 2021 11:00 AM Mumbai, Kolkata, New Delhi

Join Google Meet

<https://meet.google.com/off-moka-ybi>



