



Padm. Dr. V. B. Kolte College of Engineering, Malkapur
Department of Computer Science and Engineering

Summary Report

05 days' workshop

on "IOT Design Methodology"

Under the Association of Computer Science and Engineering (ACSE)

From 20/09/2022 to 24/09/2022

The department of Computer Science and Engineering of Padm. Dr. V. B. Kolte College of Engineering, Malkapur has organized 05 days' workshop on "IOT Design Methodology" under the Association of Computer Science and Engineering (ACSE) from 20/09/2022 to 24/09/2022 for all the students of CSE 3rd year and final year students. The aim of this workshop was to aware the students about new technologies in the market. Also it helps students to raise the interest in the Internet of things. The details of the speaker are as follows:

Name of Speaker:

1. Mr. Vijay Tathe, Project Head and CEO, Microspectra Software Technologies Pvt. Ltd

The workshop was really interesting and surely helps students to enhance skills. This is beneficial for getting jobs in companies. He made aware students about the following points related to software development. In this workshop, experts had given hands on practice to students.

Date: 20/09/2022 to 24/09/2022

Time Duration: 02:00 PM to 5.00 PM

Total no. of students attended this program: 82

Detail Schedule of Workshop

Date	Time	Resource Person	Topic
20/09/2022	2.00 PM to 5.00 PM	Mr. Vijay Tathe	<ul style="list-style-type: none"> • IoT definition • Characteristics of IoT • Physical Design of IoT • Logical Design of IoT • IoT Protocols • IoT Level
Day-1 End			
21/09/2022	2.00 PM to 5.00 PM	Mr. Vijay Tathe	IOT Platforms Design Methodology It includes: <ul style="list-style-type: none"> • Purpose & Requirements • Specification • Process Specification • Domain Model Specification • Information Model Specification • Service Specification
Day-2 End			
22/09/2022	2.00 PM to 5.00 PM	Mr. Vijay Tathe	Introduction to Python <ul style="list-style-type: none"> • Installing Python • Python Data Types & Data Structures • Control Flow • Functions • Modules • Packages
Day-3 End			
23/09/2022	2.00 PM to 5.00 PM	Mr. Vijay Tathe	<ul style="list-style-type: none"> • Details of Sensors • Functions of different types of sensors • Operations
Day-4 End			
24/09/2022	2.00 PM to 5.00 PM	Mr. Vijay Tathe	<ul style="list-style-type: none"> • Hands on Arduino and sensors used in IOT
Day-5 End			








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