Sou. Sushila Danchand Ghodawat Charitable Trust's
Sanjay Ghodawat Group of Institutions
● NAAC 'A' Grade Accredited Institution ● ISO 9001: 2008 Certified Institution

Department of Computer Science & Engineering

Two days' Workshop on

IOT using Raspberry Pi

11th and 12th March 2k20

Computer Science & Engineering department has conducted a two days Lead College sponsored workshop on **"IoT using Raspberry Pi"**on 11th March & 12th March 2020. This workshop was very much helpful for students to acquire the detailed technical knowledge regarding Python, Raspberry Pi & Sensors. The workshop has been conducted by Mr. Tejas Shah (Enverto).
Inauguration of this workshop was carried out in presence of Incharge HOD of Computer Science & Engineering Dr. A. M. Chougule. Photos of the workshop are attached herewith.
Total 45candidates actively participated in this workshop. Mr. Tejas Shahhas delivered nice sessions on Internet of Things. He has covered following points in 2 days sessions.

Day 1

Introduction to python
Python statements Statement
Data types
Loop
Conditional statements
Function
Introduction to Raspberry pi
Installing OS in Raspberry Pi

Introduction Raspbian

Raspbian Linux commands

Sensor information

Day 2

Working with

- Temperature and Humanity Sensor
- 5v Relay
- Metal Touch Sensor
- Flame Sensor
- Ultrasonic Sensor
- Soil Module
- Water Level Module
- Microphone sound sensor module
- LED

Introduction to thing speak API

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IoT with Raspberry Pi
Under
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Organized by
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11th & 12th March, 2020
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