IOT TRAINING CURRICULUM

Self-Learning & Online Traning

Duration: 30 hours

SVR Technologies

Our certified faculty focused on IT industry based curriculum for Tibco Training Online. Hands-on training with tutorial videos real-time scenarios and certification guidance that helps you to enhance your career skills.

Is IoT a good career?

IoT is the emerging technology with lots of future & job scope. By 2020 IoT will require number of developers. Top companies like IBM , Microsoft are investing in IoT technology.

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Training Features

30+
Course Duration

100%
Practicle Training

Life Time Free Library Access

IOT Developer Training Content

Part A:

01 Intro to python

02 Data types

03 Conditional Statements

04 Basic OOPS

Part B:

05 Intro to IOT

06 What is Internet of Things?

07 Current Status & Future Prospect of IoT

08 Knowledge Management

- **From Data to Wisdom**

09 The Future of IoT

10 The Potential of IoT

11 Few Applications of IoT

12 Technological Challenges of IoT

13 Criticisms & Controversies of IoT

14 Hardware

15 Intro to Rpi

16 Intro to Arduino

IOT Developer Training Content

17 Intro to sensors

18 Intro to actuators

19 interfacing boards and sensors

20 interfacing boards and actuators

21 Bridging Arduino and Raspberry Pi as client and Server

Software

- Python coding of the sensors

- Developing a GUI for IOT (Tkinter)

- Deploying a website using WordPress

- Learning Cayenne : MQTT protocol

- Controlling projects using mobile app

Website (WordPress integration)

- collecting data

- uploading data

- plotting data

- showing on the website

Project Development

- automation with led blinking on Arduino and Raspy

- Complete home automation using Arduino

- Complete home automation using raspberry pi 3b

- Making a weather station

- Automated study table