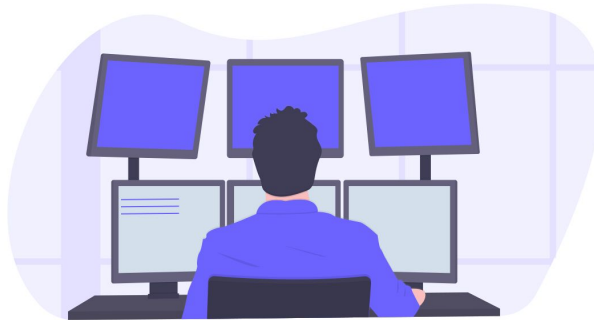




Certificate in IOT Technology (Cloud Oriented)



About the Online Course

Online Course is done entirely via Internet and the Computer. Tools and Technologies like audio/video conferencing, social media, mail etc. are used for communication, collaboration and interaction.

Internet of Things (Cloud Oriented)

The Internet has created a truly connected world. It has enable humans to share data and information.

Now, time has come to connect living as well as non-living things to the Internet. `This integration of humans and things with the Internet is called IOT(Internet of Things).

It is expected that about 50 billion devices will be connected to the Internet by the year 2020. In fact, the world is progressing through the 4th Industrial Revolution which is based on the IOT.

IOT coupled with Cloud Computing is enabling next generation systems and services that encompass several domains such as e-Governance, Health Care, Transportation, Waste Management, Food Supply Chains, Energy, Insurance etc.

Company giants like **Microsoft, CISCO, Intel, Facebook, Amazon, IBM, GE, Tesla, Google** are vigorously working in the IOT field. This has resulted in high demand of IOT skilled manpower. Cognifront has designed a set of courses on IOT Technology for Engineering students.

It is now time to become IOT Smart and Job Ready by getting certified from Cognifront.

Syllabus

- 1 Introduction to IOT and Its Applications
- 2 Sensors and Actuators
- 3 Architecture of NodeMCU Board
- 4 Using Arduino IDE and Serial Monitors
- 5 Visual Indications using LEDs
- 6 Audio Indications and Alert using Buzzer
- 7 Data Input using Push Buttons
- 8 Light Intensity Sensor
- 9 Temperature and Humidity Measurement using DHT11
- 10 Sending and Receiving Data from Cloud
- 11 Data Communication using WiFi
- 12 Interaction with Smartphone
- 13 Home Automation
- 14 Accessing Internet Time for Data Logging
- 15 Voice Controlled Devices



Course Details

Dates	5 September to 5 October 2020
Duration	1 Month
Fees	Rs. 300 for Students
Cost of the lot Kit	Rs. 600 (plus delivery charges of approx. Rs. 200 for those who are based out of Nashik City)
Computing Requirements	Smartphone OR Computer
Coding Assignments	15+
Mini projects	3+
Self-paced videos	20+
Webinars	8+
Discussion Forum	For interaction and doubt clearing
Mentors, Trainers and Instructors and Mentors	Dr. R S Tiwari, PhD Ms. Preeti Damare, MSc (Computer) Ms. Pooja Waghchoure, MSc (Computer) Ms. Anita Mahale, BE (E&TC) Mrs. Sushama Patil, BSc (Computer)
Certification	Certificate by Cognifront on successful completion of the Course
Admission	www.cognifront.com
Contact for further details	Website: http://www.cognifront.com Email: tiwari.nashik@gmail.com phone: 9422245764

