



- [Courses For Event Embedded Internet of Things Summer Training 2018](#)

- [Arduino Fundamentals](#)
- [IoT Fundamentals](#)
- [IoT Software and Cloud Interfacing](#)
- [Cloud Computing Fundamentals](#)
- [Windows Azure, Amazon Aws, Google Cloud with Big Data](#)

- [Topics For Arduino Fundamentals](#)

- [Introduction to Arduino UNO Board and ATMEGA 328 P Microcontroller](#)
- [Plug Microcontroller on Arduino UNO and Connect to PC for Programming](#)
- [Connect Arduino UNO Board with Arduino IDE and write, Debug your First Program in C/C++](#)
- [Testing your First Application on Arduino UNO](#)
- [Create and LED Lighting Application using Arduino UNO](#)
- [Testing LED Lighting Application on Arduino UNO](#)

- [Resources For Arduino Fundamentals](#)

- [Building Arduino Projects for the Internet of Things](#)
- [Building Arduino Projects for the Internet of Things Source Codes](#)

- [Topics For IoT Fundamentals](#)

- [Introduction to IoT](#)
- [History of IoT](#)
- [Promise of IoT](#)
- [IoT Applications Overview](#)
- [IoT Security Concerns](#)
- [IoT Driving Forces](#)
- [IoT and the Internet](#)
- [IoT Protocols](#)
- [Characteristics of IoT Systems](#)
- [Connected Homes and Home Automation](#)
- [Connected Vehicles](#)
- [Industrial Applications](#)
- [Wearable Devices](#)
- [Introduction to IoT Operating Systems](#)
- [Windows 10 IoT Core](#)
- [Linux](#)
- [Contiki](#)
- [RIOT](#)
- [TinyOS](#)
- [Additional IoT Operating Systems](#)
- [AllSeen and AllJoyn](#)
- [Eclipse Kura](#)
- [Eclipse Mihini](#)
- [IoTivity](#)
- [Interview with Sachin Gadre IoT Software Developer](#)



- Topics For IoT Software and Cloud Interfacing

- Introduction to IoT and Internet Part-1
- Introduction to IoT and Internet Part-2
- Introduction to IoT Protocols
- Connect Arduino UNO Board with Arduino IDE and Write, Debug your First Program in C/C++
- IOT Reader Part-1
- IOT Reader Part-2
- IOT Reader Part-3

- Topics For Cloud Computing Fundamentals

- Introduction to Google Cloud
- Create a Linux Instance on Google Cloud
- Update Linux Instance
- Installation of PHP and MySQL on Linux Instance for Development
- Create a Sample Web Application and Deploy on Cloud
- Configure DNS to Point to Server IP Address
- Google Cloud Sql
- Connecting Google Cloud Sql Locally

- Topics For Windows Azure, Amazon Aws, Google Cloud with Big Data

- Day 1 Part 1 - Basics of Cloud Computing
- Day 1 Part 2 - Basics of Cloud Computing
- Day 2 Part 1 - Cloud Computing using Windows Azure
- Day 2 Part 2 - Cloud Computing using Windows Azure
- Day 2 Part 3 - Cloud Computing using Windows Azure
- Day 4 Part 1 - Cloud Computing using Amazon Web Services
- Day 4 Part 2 - Cloud Computing using Amazon Web Services
- Day 5 Part 1 - Cloud Computing and Security using Amazon Web Services
- Day 5 Part 2 - Cloud Computing and Security using Amazon Web Services
- Day 5 Part 3 - Cloud Computing and Security using Amazon Web Services
- Day 6 Part 1 - Client side application development for Cloud using Amazon Web Services
- Day 6 Part 2 - Client side application development for Cloud using Amazon Web Services
- Day 6 Part 3 - Client side application development for Cloud using Amazon Web Services
- Day 7 Part 1 - Develop complete application on Cloud using HTML, CSS, JQuery, MySQL on Amazon Web Services
- Day 7 Part 2 - Develop complete application on Cloud using HTML, CSS, JQuery, MySQL on Amazon Web Services
- Day 8 Part 1 - Google Cloud basics and configuration
- Day 8 Part 2 - Google Cloud basics and configuration
- Day 9 Part 1 - Google Cloud SQL
- Day 9 Part 2 - Google Cloud SQL
- Google cloud and Big Data using Hadoop and MapReduce - Part 1
- Google cloud and Big Data using Hadoop and MapReduce - Part 2