

IOT INTERNET OF THINGS

The **Internet of Things (IoT)** is leading a digital revolution for industries. The explosion of embedded and connected smart devices, systems, and technologies in our lives has created an opportunity to join every 'thing' to the internet. This is **disrupting and transforming every industry** around the world.

Who should attend?

Professionals from any field who want to learn - What IoT is, how it works, and how to harness its power to build their own End to End IoT Solutions.

Why is this program different?

- **Instructor led classes from world's largest IoT Training Academy**, Official training partner for corporates like CA, Dell, Intel Germany, SCS and many more...
- Training delivered by **Industry Experts and Internet of Things certified Trainers**
- Understanding of **latest IoT technologies** and standards like - Sensors, Bluetooth Low Energy, Wireless Communication, Cloud, Big Data, Analytics, REST services

This **practical program** aims to augment your ideas and help you **build your own end to end IOT solutions**.

Day 1	Day 2
<ul style="list-style-type: none"> • IoT Overview • Architecture and Tech Stack Overview • Sensors & Actuators • Best Cold Chain - Business problem & Solution • Communication Protocols • End to End solution demo on the Best cold chain • Best Cold Chain - Capture data from Sensors - Practical • Send Sensor data to cloud using GPRS and HTTP- Practical • Trigger alarm through SMS using Platform – Practical • Send Sensor data to Cloud using Wifi Communication – Practical 	<ul style="list-style-type: none"> • Recap of IoT and Day 1 • Cloud – Theory - AWS • Introduction to virtual environment on web Amazon service cloud. • Big Data and Analytics • REST Web Services • Store Best Cold Chain Vehicle sensor data into NoSQLMongoDB - Practical • Stream Best Cold Chain Vehicle Using REST Web services - Practical • Resolve Best Cold Chain Business Problem using Big Data analytics - Practical • Visual analytics for Best Cold chain Business Problem - Practical
<p>Trainer: Mr. Manish Agarwal End to End IoT Architecture and Technology expertise</p>	<p>Trainer: Mr. Pyush Jain End to End IoT solution development expertise</p>
<ul style="list-style-type: none"> • BTech – IIT Roorkee • Executive Management – IIM Bangalore • Platform Architect – Warehouse management, SCM product, Enterprise Cloud Platforms. 	<ul style="list-style-type: none"> • BTech – IIT Roorkee • Tech Architect and Solution Architect • Technical expertise in B2B integrations.

Delivery details: Hardware Kits and Software access will be provided for conducting practical.

For more details contact:

Chengappa @ 99835738, Chengappa@iitcoman.com

Sandip @ 98081304, Sandip@iitcoman.com