



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

Deemed to be University U/S 3 of the UGC Act, 1956



Executive Development Program on IoT and System Integration

OVERVIEW:

The Internet of Things (IoT) is a network of items that contain electronics, software, actuators, and connectivity that allows them to connect, interact, and share data. Integration is crucial in bringing this technology into the fold because it has so many interesting capabilities. IoT and integration are inextricably linked. Companies are increasingly relying on cloud-based solutions to complete their digital transformations as a result of IoT. As a result, the two might quickly come together. Because technology changes on a daily basis, integration must occur at a faster pace. As a result of integration and the Internet of Things, quick fusion is possible.

COURSE OUTLINE: This program covers the following topics module-wise:

- **Module 1:** Introduction to IoT
- **Module 2:** IoT Electronic Circuits and Devices
- **Module 3:** Programming for IoT
- **Module 4:** IoT Infrastructure
- **Module 5:** Cloud IoT Platforms
- **Module 6:** Advanced IoT Programming
- **Module 7:** Introduction to AI
- **Module 8:** Big Data in the IoT
- **Module 9:** IoT Security
- **Module 10 :** Application of AI to IoT
- **Module 11 :** Storage and Virtualization
- **Module 12 :** Connectivity and Mobility
- **Module 13 :** System Integration
- **Module 14 :** IoT Capstone Project

DURATION: 6 Months

FEES: 60000 INR

COURSE START DATE FOR UPCOMING BATCH: 4th June, 2022

ELIGIBILITY: Graduate students, Final year students, working profession in engineering fields

OPPORTUNITIES: After completing this programme, the students or working profession can acquire the knowledge on IOT, system integration with IOT and applications of IOT in different fields.

SELECTION PROCESS: Screening and Selection will be done by KIIT selection committee

MODE OF TEACHING: online mode

CONDUCTING SCHOOL: School of Electronics Engineering

SYSTEM REQUIREMENTS: The candidate should have the following system facilities to access the online course:

- ✓ Speakers and microphone: built-in or a USB plug-in or wireless Bluetooth
- ✓ Webcam: built-in or USB plug-in
- ✓ Processor: with Dual Core 2Ghz or higher (i3/ i5/ i7 or AMD equivalent)
- ✓ RAM: 4 GB or higher

- ✓ OS: Either MacOS 10.7 or higher OR Windows 8 or higher
- ✓ An internet connection: Minimum bandwidth of 3.0 Mbps (up/ down)
- ✓ Browser: IE 11+, Edge 12+, Firefox 27+, Chrome 30+
- ✓ Zoom software client installed on your PC/ Laptop/ Ma

EMAIL FOR QUERIES: ldc.kiit@kiit.ac.in

APPLY NOW

APPLY NOW : https://docs.google.com/forms/d/e/1FAIpQLSc31YRI-TzNw8uX7xlZtEbNI7Y_RMsbIR32A-cGaFBMvPcVkw/viewform

Certificate will be provided after completion of the program