L&T EduTech College Connect

Industrial IoT: A tech premier for Digital Industries

About the Course

This course gives an insight into the latest digital technology – Internet of Things used across various industries. The course will help you understand the different layers of industrial IoT that engineers use to sense, aggregate, process and visualize the data to take better business decisions. Industrial Internet of Things, which is one of the emerging technologies, has a high demand in today's industry. This course gives an overview of the IoT technology and its application in the industry through interesting case studies.

Key Topics

Industrial IoT solution | Sensors for IIoT applications | Understanding the Edge - IIoT Gateways | Connectivity & protocols for IIoT | IIoT Platform architecture | IIoT Data management and analytics | IIoT Security

Course Objectives

This course on applied industrial IOT for Engineers will:
- ▶ Help learners understand the concepts behind Industrial IoT
- ▶ Introduce learners on how to apply them in real world projects
- ▶ Impart overview on Edge computing architecture
- ▶ Offer pilot experience on modular development of IIoT solutions

Learning Outcomes

Upon completion of this course the Learner will be able to
- ▶ Interpret the Architecture of IIoT
- ▶ Identify the role of various components in building IIoT
- ▶ Choose sensors based on required industry application
- ▶ Build Edge IIoT architecture for relevant industry application
- ▶ Inspect the IIoT architecture for many real-time industry applications