Instructor Profile

Name: Mr. Sriram Nagarajan

Position: Founder, RoboRAM & Business Partner, DataBee

Education: UG in Robotics and Automation Engineering

Work Experience: 3+ Years in Industrial Automation

Batch Timings: Each Session Materials will be Uploaded between **Two Days** from the Date of Registration

About the Course & Who can attend

Robotics:

Description: Robots that assist in almost every facet of healthcare, food industries, assembly automation, testing & inspection, disaster management, and in so many wide areas of engineering and other sectors. Robotics is now becoming a part of the mainstream education process, with its potential to change societies through its impact on pre-existing economic and social structures.

Course: Main Structure of this Course to develop a DIY Robot Arm using Servo Systems also about different Industrial & Humanoid Robot Configuration, Development, Applications, Manipulator Design Criteria and Arduino (C) Programming.

Who Can Attend: This Course is for Students who completed School Education and also for Industrial Professionals keen to learn about Robotics Technologies.

IoT:

Description: The technologies IoT support can sense the surroundings in many ways such as monitoring pressure, temperature, viscosity, and geo-positioning. Even in food preparation, its systems are being used. While in the past, sensors have to be connected to a local computer system and are controlled by an embedded module. IoT allows us to use affordable wireless technology and transmit the data into the cloud at a component level. It also provides a place to save data as well as management and security.

Course: From Integrated Product Development to Internet Connectivity of each devices is the Course Short line Structure. At the end of course you will know how to develop an ECG Monitoring System through Android Application and also about different Communication Protocols, Selection of IoT Devices and Arduino (C) Programming.

Who Can Attend: This Course is for Students who completed School Education and also for Industrial Professionals keen to learn about IoT Technologies.

Industrial Automation:

Description: Industrial Automation is mainly used to increase productivity, provide the optimum cost of operation, improve product quality, reduce routine checks, and raise the level of safety, for increasing flexibility. Therefore, it is increasingly becoming important to get to know the evolution of this technology, its applications, and usage with actual knowledge where one can apply for wide streams of engineering and others.

Course: This Course covers CIM Concepts, Industrial Automation Devices AGV and ASRS, Automation Components – Relays, Sensors, Switches, Safety Devices, PLC & VFD and also about PLC Ladder Logic Programming. At the end of the course you will know how to write a Ladder Logic Programming in PLC for Industrial Application and Communication.

Who Can Attend: This Course is for Students who completed School Education and also for Industrial Professionals keen to learn about Automation Technologies.