Certificate course in Robotics

Course outcomes

Industry 4.0 with Robotics and IOT

The term “Industry 4.0" refers to the combination of several major innovations in technology that can change all the sectors of the society. From advanced robotics and machine learning to software-as-a-service and the Industrial Internet of Things (IOT) and Robotics , these changes can affect our learning and technical skills. To stand along with the future technology changes, we should learn Industry 4.0 technology from experts with live industrial projects and products. Students who are aspiring to work on Industry 4.0 can attend this course to be the next industrial expert.

Course structure

- The course includes four theory papers, practical sessions, hands-on trainings, project and internship
- Tutorial classes include sessions on Robotics and embedded system, actuators and driving mechanism, PCB design and IOT, motors and sensors
- Practical cover hands-on sessions on all that you study in theory including building your own IOT and Robotic projects
- 50 Hours live Internship on different topics (group activities on different topics)
- Theory – 150 hours, Practical – 300 hours, Total credits – 30

Job roles

Robotics Developer, IOT Programmer, IOT Hardware Designer, Embedded Programmer, Mechatronics Engineer, Robotics and IOT PCB Designer, ROS Programmer, etc.

Lets train for the digital transformation…