

Online Training Programme: Robotics & Artificial Intelligence



Duration: 2 Weeks starting February 1st – 12th, 2021

About The Course

This course is designed to provide an exposure to the fundamentals of Robotics and Artificial Intelligence. Participants will learn kinematics and dynamics of industrial manipulators, kinematics of mobile robots, trajectory planning, path planning and control and how to embed intelligence in robotic tasks. Hands-on training and practice sessions will help participants gain confidence on robotic concepts, their simulation and implementation including sessions on intelligent agents.

Contents

- Introduction to Robotics and Robot Simulators
- Kinematics, Dynamics and Control
- Artificial Intelligence and Robotics
- More on AI and Machine Learning
- Applications, Research Directions and Case Studies

Key Features

- Online / live lectures sessions by subject experts.
- Comprehensive tutorials and practice notes.
- Online lab & training sessions.
- Follow up sessions and discussion forums on research problems and internships.

Who Can Join?

Freshers, undergraduate students from science and engineering background and faculty from educational institutions.

Registration Fee

For Students/Faculty - Rs. 1000/- per participant

For People from Industry - Rs. 3,000/- per participant

For Registration & Course Details Please log on to:

https://www.iiitdmj.ac.in/ict.iiitdmj.ac.in/robo_ai.html

