

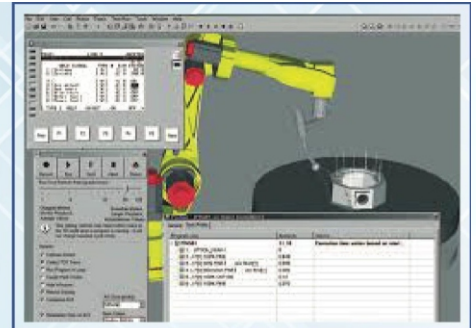
Essentials of Industrial Robotics

1 Week & 3 Days

Week 1 Online - Virtual training with FANUC ROBOGUIDE
4 hours/day
Instructor Led online Sessions

Week 2 Practicals - 3 days of FANUC academy
8 hours/day
in lab with instructor

Week 3 and 4 - • Access to Fanuc Roboguide software • Enabling online practice session to students through software
• Trainer support available for clarifying doubts



Week 1 - Online - Virtual training with FANUC ROBOGUIDE 4 hours/day, Instructor Led online Sessions

- ▶ Introduction to industrial ROBOT and virtual simulation tool (ROBOGUIDE)
- ▶ Teach pendant introduction
- ▶ Jogging of ROBOT - choosing the co-ordinate system
- ▶ Essentials of programming Explanation on motion instruction
- ▶ Editing of program Adding various tools & TCP concept
- ▶ Concept of a cell layout
- ▶ Adding and editing the obstacles
- ▶ Pick and place of the component
- ▶ Capturing video of simulation

Week 2 Practicals - 3 days of FANUC academy 8 hours/day (in lab with instructor)

- ▶ Introduction to various models and its selection criteria
- ▶ Jogging of ROBOT in joint / world frame
- ▶ Selection and creation of teach program
- ▶ Explanation on Joint, Linear and circular motion
- ▶ Setting and usage of tool frames
- ▶ Usage of various program control instructions
- ▶ Introduction to I/O and I/O Instructions
- ▶ Palletizing instruction
- ▶ Parts of robot controller
- ▶ Robot controller block diagram
- ▶ Mechanical unit - simple maintenance
- ▶ Tech centre and repair centre visit

Week 3 and 4 - Online Support

- ▶ Access to Fanuc Roboguide software
- ▶ Enabling online practice session to students through software
- ▶ Trainer support available for clarifying doubts



COURSE INCLUDES:

-  Simulation software access for course duration
-  Course Material
-  Certificate of completion

CONTACT DETAILS:

Milind Joshi
Whatsapp/Call: 99090 24218
E: milind.joshi@tataiis.org

Radheshyam Chouhan
Whatsapp/Call: 75979 53987
E: radhe.chouhan@tataiis.org

COURSE FEE:

For industry candidates:
Rs. 15000/- & above
(including taxes)

For students (Inaugural pricing):
Rs. 5000/- (including taxes)

FOR REGISTRATION



SCAN QR CODE