

# INDUSTRIAL ROBOTICS

## CPD Training Course



Conducted By:  
Department of Electrical Engineering,  
University of Moratuwa.

### Resource Persons



Prof. A.G.B.P. Jayasekara

Dr. A.M.H.S. Abeykoon

Dr. R.M.M. Ruwanthika

Mr. S. Kiruthikan

### Course Outline:

- Introduction to Robotics.
- Applications of Industrial Robots.
- Selection of Robot Arm for Industrial Applications.
- Industrial Robot Programming.
- Manipulation, Path Planning, and Control of KUKA and Kinova MICO Robot Arm.
- Simulation of Industrial robots with CoppeliaSim.
- Robots in Manufacturing with Factory I/O.

### Target Group:

Engineers Technicians University Graduates

### Course Delivery:



Department of Electrical Engineering,  
University of Moratuwa



4 Saturdays

**Register Before:** 31.01.2023

**Commencement:** 11.02.2023

**Course Fee:**

Rs. 30,000

**Registration:** <https://forms.gle/fjicPZvtLLGTWnYf6>

Certificate will be awarded upon course completion

**Program Coordinator:** Dr. R.M.M. Ruwanthika



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