

MERCon2015 Workshop on Industrial Robotics

7th April 2015, 1:30pm – 4:30pm

Civil Engineering Complex, University of Moratuwa

Content

The workshop teaches theoretical and practical aspects of industrial robot manipulators. History and evolution of industrial robots, different types of robot manipulators and their applications will be presented. Programming and control of Robot manipulators will be demonstrated using two robot arms.



VP-6 DENSO Robot
DENSO Robots are one of the world's most commonly-used industrial robot arms. The VP-6-Axis Articulated Robot combines high speed and repeatability with powerful load-handling capability.

Target Audience

Postgraduate students in studying in the Field, Researchers, Academics, Professional Engineer in the relevant fields.

Only 25 participants are accepted.

Registration

Registration Fee is Rs. 1,000 (US\$ 80). Waived off

Contact Jeewanthi 0711643568 for registration.

Programme

Time	Event	Resource Person
01:30 - 02:00 pm	History and evolution of industrial Robotics	Dr. Harsha Abeykoon University of Moratuwa
02:00 - 02:30 pm	Robot manipulator theory	Prof. Rohan Munasinghe University of Moratuwa
02:30 - 3:00 pm	Programming and Control of UR10 Robot arm	Mr. Pradeep Laksiri Ansel Lanka (pvt) Ltd
3:00 - 3.30 pm	Tea Break	
3:30 - 4.00 pm	Programming and control of Denso Robot Arm	Mr. Chamika Gamage University of Moratuwa
4:00 - 4.30 pm	Using ROS for robot simulation	Mr. Dinesh Madhusanke University of Moratua