

Courses have been specially designed considering the needs of Bachelor of Vocation students of Industrial Automation trade



Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS) - 431004

Deen Dayal Upadhyay KAUSHAL Kendra
&
Marathwada Auto Cluster, Aurangabad

Announce

ORIENTATION PROGRAM

INDUSTRIAL ROBOTICS

This Value Added Course is going to offer an introductory insight to the robust arena of Industrial Robotics; encompassing basic introduction, safety measures with Hands – On sessions

VENUE

Marathwada Auto Cluster,
MIDC, Plot P-174, Waluj,
Aurangabad (MS)

Date
22 to 27 August 2016

CONTACT US

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SALIENT FEATURES

Course designed by Industry experts

Contents to be delivered by Industry experts

Industry oriented topics

Hands on training with KUKA Kr3 Agilus manipulator

Visit at the Manufacturing Center of Excellence in Marathwada auto Cluster

Special discussion session with robot operators from six industries

COURSE CONTENT

- **AUTOMATION AND ROBOTICS (2 HRS)**
- **BRIEF HISTORY OF ROBOTICS (2 HRS)**
- **ROBOT ANATOMY, SENSORS, END EFFECTORS (3 HRS)**
- **ROBOT WORKCELL (1 HR)**
- **ROBOT PROGRAMMING (20 HRS)**
(Leadthrough, path, motion interpolation, commands and branching)
- **SAFETY MEASURES IN ROBOTICS (2 HRS)**

“A Robot may not injure a human being, or, through inaction, allow a human being to come to harm”

— Issac Assimov—