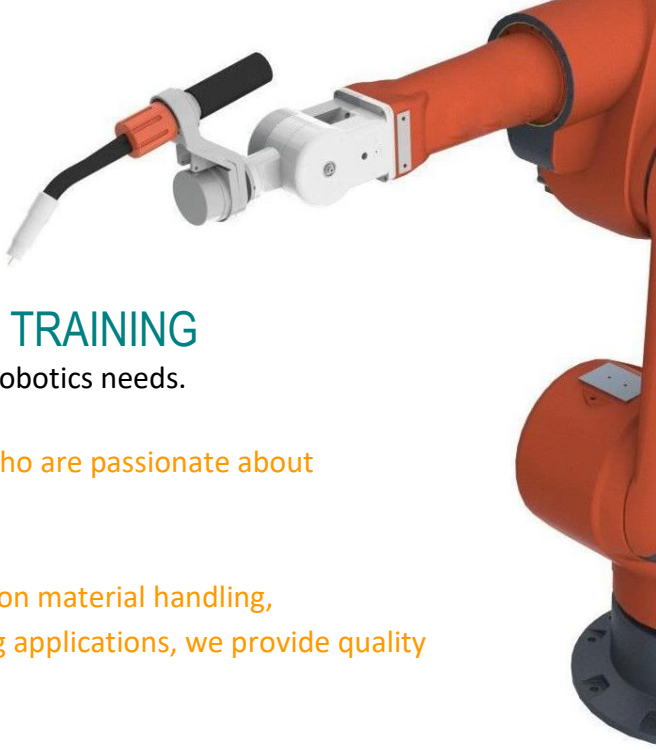


FROM TURNKEY SYSTEM INTEGRATION TO TRAINING

We are one stop contact for all your industrial automation and robotics needs.

We are a team of highly driven, young and dynamic engineers who are passionate about Automation.

With strong experience in executing industrial robotics projects on material handling, pharmaceutical dispensing, plasma cutting, painting and welding applications, we provide quality automation solutions tailored to meet your requirements.

Our Services

We carry out end-to-end system integration projects. We also provide onsite robot programming (FANUC, ABB and Epson), PLC programming, offline robot simulation and design services.

Our target industries are (but are not limited to) automobiles, energy, pharmaceutical, food and beverage, electronics and more.

We also supply all automation related components such as Robot arms, PLC systems and quality control panels assembled in-house.

We Undertake

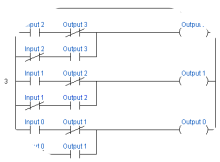
Component assembly, Pick and place

Liquid and glue dispensing

Control Panel assembly

Plasma cutting, Laser cutting and welding

Robot simulation



PLC based projects and Ladder Logic development

EKZEN ROBOTICS

Innovation in Automation

www.ekzenrobotics.com

Workshops and Training

We firmly believe in bridging the divide between academia and industry. We conduct workshops on campus, and at our facilities, covering the essence of manufacturing technology enabling budding engineers to gauge the industrial scenario.

Industrial Robotics Workshop

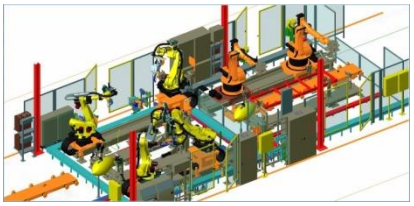
- Introduction: Industrial Robots
- Types of industrial robots
- Robot selection
- Programming (on Dobot Magician)
- Mini project based on industrial case studies

PLC Workshop: Interfacing and Programming

- Interfacing of control elements
- Interfacing of sensors
- Ladder development
- Introduction to HMI
- Mini project based on industrial case studies

Arduino Workshop: Sensing the physical world

- Introduction: Arduino
- Types of sensors
- Interfacing of sensors, motors and motor drives
- Mini project



Robotics Simulation Training

- Crash course on simulation of robotic cells and robotic lines using ABB RobotStudio

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