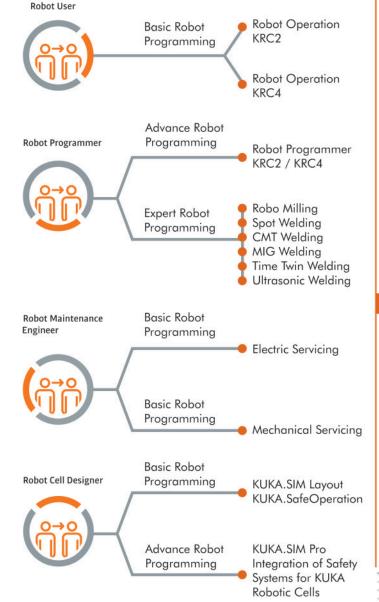
Modularity:

A proven model for success.

The modular design of Courses always provide right choice to trainees to meet their current career requirements. Overview of the Training options:



The perfect balance

between theory and practice ...



Activities





CONTACT INFORMATION

AKGEC-KUKA Industrial Robotics Training Centre

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Basic Robot Programming

- Safety instruction for the KUKA robots.
- Opeating of the robot system.
- Knowledge and usage of the coordinate systems.
- Methods of tool calibration and tool payload.
- To realise a mastering.
- To realise a calibrating of a work piece.
- Usage of the navigator, creating programs.
- Usage of motion & Logic programming.
- Insert, delete and manipulate points.
- Limited position correction.
- Introduction to the expert level.
- Work with automatic mode.

Implementation : Theory & Practice

Language : English

Duration : 80 Hrs / 2 Weeks

Prerequisite : Basic Engineering Fundamentals

Training Location : On site training / By agreement

Certification Partner: KUKA Robotics

Advance Robot Programming

- Programming methodology.
- Usage of the navigator at expert level.
- Usage of variables & declarations.
- Programming of subprograms and functions.
- Usage of data lists.
- Knowlegde of data manipulation.
- Programming of motions in KRL.
- Usage of system variables.
- Usage of control structures
- Jumps, branches & loops.
- Configuration of the automatic external interface.
- Knowledge of the submit interpreter.

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Expert Robot Programming

- Robot programming as project work.
- Robot anti-collision (programming of interlocks with robots).
- Programming of messages.
- Programming of interrupts.
- · Programming of path related switches (trigger).
- Function of automatic fault handling.
- Programming of a automatic return motion strategy.
- Working with inputs & outputs (digital, analog).

Implementation : Theory & Practice

Language : English

Duration : 80 Hrs / 2 Weeks

Prerequisite : Basic Robot Programming

Training Location : AKGEC KUKA, India

Certification Partner: KUKA Robotics

Implementation : Theory & Practice

Language : English

Duration : 80 Hrs / 2 Weeks

Prerequisite : Expert Robot Programming

Training Location : AKGEC KUKA, India

Certification Partner: KUKA Robotics





