

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 :

Robot User



- Basic Robot Programming
 - Robot Operation KRC2
 - Robot Operation KRC4

Robot Programmer



- Advance Robot Programming
 - Robot Programmer KRC2 / KRC4
- Expert Robot Programming
 - Robo Milling
 - Spot Welding
 - CMT Welding
 - MIG Welding
 - Time Twin Welding
 - Ultrasonic Welding

Robot Maintenance Engineer



- Basic Robot Programming
 - Electric Servicing
- Basic Robot Programming
 - Mechanical Servicing

Robot Cell Designer



- Basic Robot Programming
 - KUKA.SIM Layout
 - KUKA.SafeOperation
- Advance Robot Programming
 - KUKA.SIM Pro
 - Integration of Safety Systems for KUKA Robotic Cells

The perfect balance between theory and practice ...



Activities

Training Programs

Students / Professionals

Consultancy

Internships

Webinars

Workshops

Roadshow / Seminars

Industrial Projects

Proof of Concept / Prototyping



CONTACT INFORMATION

AKGEC-KUKA Industrial Robotics Training Centre

📍 Ajay Kumar Garg Engineering College
27th Km Stone, NH-24, Delhi - Hapur Bypass Road
Adhyatmik Nagar, Ghaziabad - 201009

- ☎ +91-120- 2762606, 6582886
- 🌐 www.akgec-kuka.org
- ✉ info@akgec-kuka.org
- 📘 www.facebook.com/kuka

To know more about Training, Research & Consultancy
Call Us at: +91-9999930502, +91-9015839522

Toll Free : 1800-3000-6484

Follow us



KUKA

COLLEGE



CERTIFIED ROBOT
COLLEGE

Training on Industrial Robotics
Basic | Advance | Expert



Basic Robot Programming

- Safety instruction for the KUKA robots.
- Operating 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.
- Knowledge 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.

Implementation	: Theory & Practice
Language	: English
Duration	: 80 Hrs / 2 Weeks
Prerequisite	: Basic Robot Programming
Training Location	: AKGEC KUKA, India
Certification Partner	: KUKA Robotics

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	: Expert Robot Programming
Training Location	: AKGEC KUKA, India
Certification Partner	: KUKA Robotics

