



Standard Robotic Training Cell

AKGEC – KUKA IRTC (Industrial Robotics Training Centre) is equipped with a standard training cell comprising of KUKA KR – 16 industrial robot along with required auxiliary accessories. The training cell is capable of performing multitude of operations such as welding, painting, gluing and other essential industrial operations used by automobile, food & beverages, packaging and other manufacturing / production industries. This standard training cell is currently facilitated for pick & place robot application. Robotic pick and place automation speeds up the process of picking parts up and placing them in new locations, hence increasing production rates. With multiple end-of-arm tooling options available, pick and place robots can be customized to fit specific production requirements. Consistency is also a benefit of using a pick and place system. Moving large, small, heavy or hard to handle products can be an easy task to automate in the factory line.

Robot Specification

Model	: KUKA KR 16 Arc
Rated Payload	: 16 Kg
Maximum reach	: 1611 mm
Repeatability	: ± 0.03 mm
Controller	: C2

Pneumatic Gripper with Collision Sensor Specification:

Make	: Schunk
Model	: 0371080
No. of Finger	: 02
Weight	: 0.4 Kg
Gripping Force	: 123-400 N
Stroke per jaw	: 2.20 mm

