



Using Industrial Robot KUKA KR-16 with the help of camera to select different shaped objects will be placed on the conveyor belt. Different shaped objects will be placed on the conveyor belt. A camera (COGNEX In-Sight Camera) mounted on the gripper of the robot would take the image and detect the shape of the object and send the corresponding signal to the robot. Then the robot segregates the object according to the respective command from the camera. This Project will help to segregate the unwanted materials from required material and differentiate the different objects in Industry.

Different Shape Selection with Camera Sensing Using KR-16 Robot