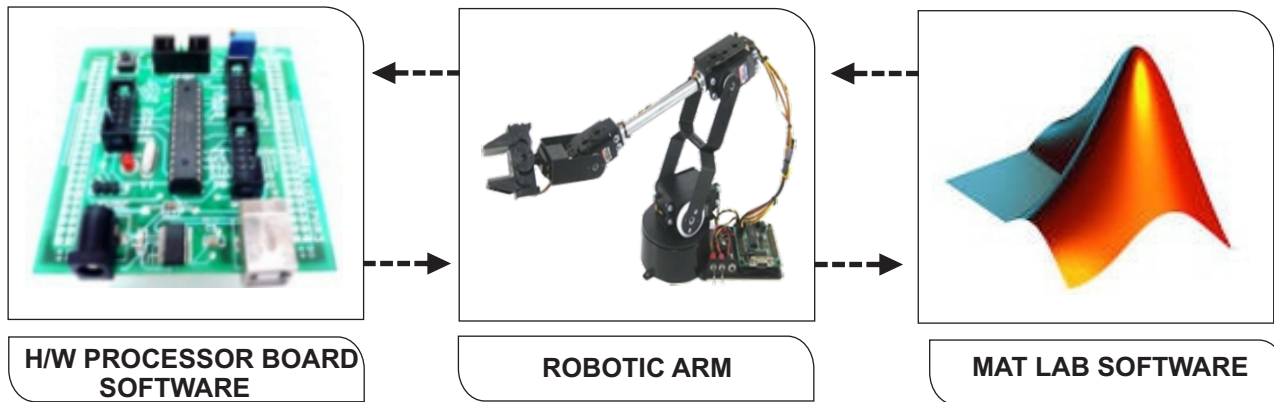


# ADVANCE ROBOTIC ARM WITH SOFTWARE HARDWARE



## Features

- 5 axis Robotic arm delivers fast, accurate, and repeatable movement.
- This is designed to keep In Mind for all robotic ARM application .
- Processor based with sensor mat lab software.
- The robotic arm development system is provided with hardware processor board with all I/O device.
- The robotic arm can be interface with industry standard matlab software.
- The complete system provide over all learning of various robotics features.

## Technical Specification

- 5 Axis Robotic ARM
- Base rotation, Single plane shoulder, Elbow
- Wrist motion, Functional gripper,
- Optional wrist rotate
- The kit consists of black anodized aluminum brackets,
- Aluminum tubing and hubs, custom injection molded components,
- and precision laser-cut Lexan components.
- Arm Hardware, Gripper and Gripper Attachment Kit.
- AVR (Arduinio) based Servo Controller,
- Regulated Wall Pack or Adapter.
- SERVO MOTOR which includes Standard Size Servo.
- Serial port-based version with powerful PC software.
- Advanced inverse kinematics positioning control using mouse.
- Reprogramming Facility available

## EXPERIMENT

- Configuration of robotics arm.
- Pick and place an object.
- Measurement of 3D Coordinates xyz .
- Measurement of angle of different axis of robotics arm.
- Measurement of torque and speed of motor.



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