



Description

The Robotics Learning Kit is a modular, hands-on educational package designed to introduce students and learners to the fundamentals of robotics, automation, and mechatronics. The kit integrates mechanical, electronic, and control components, enabling users to design, assemble, and program basic robotic systems and explore real-world robotics applications.

Kit Components

- **Controller Unit** for robot control and programming
- **Motor Driver Module** for interfacing and controlling motors
- **DC Motors** suitable for mobile robotics applications
- **Wheels and Castor Wheel** for robot chassis movement
- **Robotics Sensors** for environment detection and feedback
- **Actuators** for motion and control functions
- **Multicoupler / Interfacing Modules** for easy electrical connections

Educational Applications

- Fundamentals of robotics and automation
- Sensor-based control and feedback systems
- Motor control and motion planning
- Integration of mechanical, electronic, and control subsystems

Features

- Modular design for flexible configuration and experimentation
- Suitable for classroom, laboratory, and project-based learning
- Supports hands-on assembly and rapid prototyping

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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