

## Technical Education Training Equipments

Robotic DIY (Do It Yourself) Kits enhances learning skills for Hobbyist, Science & Engg. Students. The kits enhances technical skills in the field of soldering, electronics, sensors (light, sound, infrared) and mechanical systems. They provide hands on experience for co-ordination of electronics with mechanical arrangements to give shape to a science, ROBOTICS. All the kits are complete with different parts, electronic & mechanical components, step by step write up, circuits and mechanical arrangements. The system can be assembled by learner to give them PRACTICAL EDGE.



Order Code - 49503  
Line Tracking Mouse (Light Sensor)



Order Code - 49505  
Turning Frog (Sound Sensor)



Order Code - 49504  
Sound Reversing Car (Sound Sensor)



Order Code - 49506  
Hexpod Monster (Light Sensor)

### Order Code - 49507 Scrab Robot Kit (Sound Sensor):

Scrab is a robot that makes use of two touch sensors to detect obstacles. When its Antennal (Touch Sensor) detects an object in its path, Scrab will go backward first and automatically follow a two step maneuver to overcome the obstacle. The step can be a combination of Right, Left, Reverse or Stop. The robo can be configured for different set of movements.



### Order Code - 49508 Ladybug Robot Kit (Infrared Sensor):

Ladybug Robot works on its six legs and makes use of infrared light emitting diodes as its eyes to avoid obstacles. The Robo makes a left turn when there is shadow in front of it and continues to move unless there is again shadow. The electronic settings can be changed to give different sets of movement and provides fun to the learners.

### Order Code - 49509 Escape Robot Kit (Infrared Sensor):

Escape Robot Kit works on A. I. And never fails to find its way out of maze. It uses 3 Infrared emitting diodes and 1 Infrared receiving module to send and receive signals and detect obstacles. The Robo thinks on its own, due to the inbuilt microprocessor, which gives him edge. The kit comes with 2 types of six legs, which gives endless fun and excitement.



Note: Specifications are subject to change.

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