

Microbot TIKAS

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ABSTRACT

In our generation today, the dawn of a new era has been born. The emerging Micro bots and automated robotic arms are in our grasps. Different companies and manufacturers find it very useful in terms of product output and experiments. Robots nowadays are widely used because of its reliability and accuracy. With this paper, the microbot “Tikas” will demonstrate his ability and skills despite of his small size and texture. As the terrain provided by the 23rd International Micro Robot Maze Contest 2014, using Stepper Motors with a microcontroller driver L298 that will help and enhance the robot’s capabilities in passing through different obstacles.

KEYWORDS: Tikas; L298; Stepper motor; Micro Robot Maze