

Robot: Investigation and Fabrication of the Industrial Load Handelling Robot for Automation

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Abstract: *In this Paper we tell u about our robot which we made it and in this robot what we used. This research paper investigates the design, development, and optimization of pick-and-place robotic systems, essential components in various industrial and manufacturing applications. The primary objective is to enhance efficiency, accuracy, and versatility in material handling processes. The study begins with a review of existing pick-and-place technologies, analyzing their strengths, limitations, and applicability to different industries. This model we present in Techfest event organized by IIT Bombay 2 times. 1st zonal is in Bangalore and 2ndzonal is in Bombay.*

Keywords: Robot, Optimization, Pick-and-Place

REFERENCES

- [1]. What is a Pick and Place Robot? Uses and Types - Robotics 24/7 (robotics247.com)
- [2]. Picking & Packing Industry's Most Trusted Robots | FANUC America
- [3]. What is a Pick and Place Robot and what does it do? | Robotnik®
- [4]. Robotics - Wikipedia