



IEEE Xplore®

Browse

My Settings

Help

Institutional Sign In

Institutional Sign In

All



ADVANCED SEARCH

Conferences > 2019 3rd International Confer... ?

Worker's Assistant Robot using myRIO and LabVIEW

Publisher: IEEE

Cite This

PDF

Aditya Mali ; D.Y. Sakhare ; Diksha Kaushik ; Gunjan Chaudhari All Authors

64
Full
Text Views

Alerts

Manage Content Alerts

Add to Citation Alerts

Abstract

Authors

References

Keywords

Metrics

More Like This



Downl

PDF

Abstract:Industries are dependent on the efficiency, accuracy, and speed of the worker on the production line which may sometimes lead to a human error in the final product. The d... [View more](#)

► Metadata

Abstract:

Industries are dependent on the efficiency, accuracy, and speed of the worker on the production line which may sometimes lead to a human error in the final product. The desired output of the product can be achieved by the cooperation between the robot and the operator. In this paper, we have designed and implemented a robot that will assist workers in the industries, helping them in improving various factors such as speed, accuracy, and efficiency on the production line by performing repetitive and tedious tasks. This robot consists of a 3-axis arm on mobile chassis with Omni-directional wheels controlled by using NI myRIO and

Need
Full-Text
access to IEEE Xplore
for your organization?

[CONTACT IEEE TO SUBSCRIBE >](#)

More Like This

Interactive collision avoidance system for indoor mobile robots based on human-robot interaction
2016 9th International Conference on Human System Interactions (HSI)
Published: 2016

A hybrid collision avoidance system for indoor mobile robots based on human-robot interaction
2016 17th International Conference on Mechatronics - Mechatronika (ME)
Published: 2016

[Show More](#)