

## Robotics Applications

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### Abstract

**The aim of this review paper is to discuss about various kind of robotic applications used in various fields and discuss the future of robotic application.**

Keywords: - operation & maintenance(O&P)

### Introduction

As we know robotics application is a versatile topic. As the technology is updating with that human life style is getting restful and most of in every area robots have taken over the field. Day by day application of robots is getting vast.

### Literature Review

R.C. Leo, National Chung Cheng, university, Tiwan [1] The aim of this paper to convey that with the growth of the information Technology, artificial intelligence, etc. Robots are taking over the places of human in every sector. As the robots are coming into the phase humans solve their problems which they are suffering in their daily life. With the fast development of technology, the purpose of Robots for human beings and society is to help humans for finding solution of their issues suffered in their day by day life. Many countries have taken initiative to develop multifunction robots, for enjoyment, entertainment, bomb-eliminating capabilities. Recent years, the development of robotics in Taiwan has been targeted on self-sustaining cellular robot for numerous packages consisting of protection robot, surgical robot, soccer robotic, etc.

Robotics studies and development for a various robotic application, in Taiwan. The generation of robots consists of frame monitoring machine, sensor community, ubiquitous era, and multi-characteristic robots to construct ubiquitous service space for elder care and disable humans. This provider area can bring the conversation of the elders, supervisors, managers and family extra nearer. The combination of sensor network with robot technology, it may create long time solid structures to assist elders, disable people and medical doctors, with one of these system, the more secure environment and reduce the cost of society is not a dream.

Serge Montambault and Nicolas Pouliot International Conference on Applied Robotics for the Power Industry Delta Centre-Ville, 2010[2] the aim of this paper is about the future of power line robot Several big utilities are both already introducing robotics into their practices or investment projects to study. Safety, performance, reliability and availability of device. As people evolves into smaller and cheaper systems, robot inspection is now taken into important approach.

power line robots are the part of the usual running strategies of many strength utilities. High-price programs of power line robotics are mentioned and promising fields for studies and pointed out the value of technology. Lastly, the authors gift their view on how power line robotics will play an extensive role in the development of a smart grid.

Reference: -

01) R.C. Leo, National Chung Cheng, university, Tiwan

02) Serge Montambault and Nicolas Pouliot International Conference on Applied Robotics for the Power Industry Delta Centre-Ville, 2010