

ROBOTIC ATTENDANT

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ABSTRACT

What is Robotic Attendant? Robotic Attendant is some sort of helper who will follow you wherever you go. Sounds interesting, right? I begin to have this idea since earlier because I found it wonder that there will be many different types of applications Robotic Attendant can carry out in daily life. For instants, students not need taking bag if their bag being carried by Robotic Attendant. Student can save a lot of energy for not bring a heavy bag where the bag is following them wherever they go. Besides that, every jogger has a vexation which is in determining place to put their belongings such as keys, wallet, coins and so on when during jogging. It is not convenience at all. So if Robotic Attendant is being applied, joggers no need worry anymore. The robot will carry the things following at his back. This had indicated that it is really a user-friendly robot. There are much more applications can be applied based on it. One of it will be discussed later in the introduction; you cannot imagine that Robotic Attendant can be applied in such a highly developed field.

Do you want to know how the Robotic Attendant begins? All right, Robotic Attendant is basically implemented in an infrared guided vehicle. It attempts to demonstrate that autonomous navigation can be accomplished by using infrared light as a vehicle guidance medium. This is attained using infrared transmitter and detection arrays and a microcontroller to process the incoming directional and distance information. For further information, referring to this report and you will find it interesting and easy to understand the progress of robot construction due to the well-organized data inside.