RESEARCH ON ARTIFICIAL INTELLIGENCE CAR

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ABSTRACT

This paper will cover the conversion of normal conventional cars into the autonomous car (Driverless car), problems associated with it, objectives, requirements and the expected outcome of this step. It will also cover the standards and give the critical comparison between conventional and driverless cars. This AI based car will cause a huge change in people's life, we will research and analyse the various impacts on society, legal and ethical challenges, and important environmental constraints The AIC (Automatic Intelligence Car) Robot is like the expert system or having the features of AI (Artificial Intelligence). It has ability to sense the environment and decide the navigation path without any human input. In this we used several of equipment for driving as well as for its function. We can say that it is the basic of modern world and have such features like line follower, obstacle avoiding, path finder and wireless controller with help of Bluetooth, W1 chip and H1 chip.In this paper we have focused on two applications of an automated car, one in which two vehicles have same destination and one knows the route, where other don't. The following vehicle will follow the target (i.e. Front) vehicle automatically. The other application is automated driving during the heavy traffic jam, hence relaxing driver from continuously pushing brake, accelerator or clutch. The idea described in this paper has been taken from the Google car, defining the one aspect here under consideration is making the destination dynamic. This can be done by a vehicle automatically following the destination of another vehicle.