

ROBOTIC ARMY SURVEILLANCE

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ABSTRACT

Human life is very precious. Micro controller based robotic vehicle system is a sincere effort made by us to save the precious human life in some dangerous field such as military and fire brigade.

During war, many soldiers will be killed if there is an attack by enemies. This robotic vehicle is a new method to trace out the enemies and kill them. It is having all the necessary accessories to trace enemies and fire them by robotic vehicle. It is possible to save precious life that could have been lost during dangerous condition.

Robotic army surveillance project is to implement a system that can be used for military real time applications. The robot is designed in such a way that it can move in all terrain. It carries a weapon over the plate provided. The target in the war field is pointed by using laser point provided in the gun. The whole system is controlled by visualizing through the camera that uses RF transmitter and receiver.

The circuit involves a DTMF decoder, microcontroller and the motor driver. The DTMF decoder uses the IC MT8870, the microcontroller uses the IC 89S52 and motor driver IC's L293D, L298.