

SMART SURVEILLANCE ROBOT SYSTEM FOR SECURITY

ABSTRACT

In the present scenario designing and development of a multipurpose smart robot car using wireless sensors for detecting alive humans, fire, harmful gases, metals, obstacles at remote areas and send information to main location. The proposed system uses machine intelligence to provide immediate response from sensors. The robot system is equipped with sensors those can alert the user when some anomaly appears within the range while robot is working. By default, robot works in automatic mode in which all sensors like human detecting sensor, temperature sensor, gas detecting sensor, metal detecting sensor, obstacle detecting sensor, Ultrasonic sensor are functional for automatic action. The movement of robot in automatic mode is controlled through obstacle detecting sensor and ultrasonic sensor. The robotic system will monitor what is happening in the surroundings and sends the information to the receiver's end through the communication protocol.

BATCH MEMBERS

1. VTU 9060 – M. VENKATESH
2. VTU 9023 – KAMEPALLI JAYA SAI TEJA
3. VTU10052 – S. CHANDU

SUPERVISOR

Dr G. SASIKALA, Professor

gsasikala@veltech.edu.in

Mobile No : 8610651649