**VOICE OPERATED INTELLIGENT FIRE EXTINGUISHER VEHICLE**

**ABSTRACT**

This paper demonstrates the research and implementation of voice automated fire extinguisher vehicle. The vehicle is controlled through connected speech input. The language input allows a user to interact with the robot which is familiar to most of the people. The advantages of speech activated robots are hands-free and fast data input operations. The speech recognition system is trained in such a way that it recognizes defined commands and the designed robot navigates based on the instruction through the Speech Commands. The medium of interaction between humans and computers is on the processing of speech. The complete system consists of three subsystems, the speech recognition system, transmitter section and the receiver section (on vehicle) .We has studied the various factors such as noise which interferes speech recognition and distance factor. The results prove that proposed robot is capable of controlling fire, avoiding obstacles and understanding the meaning of speech commands.

**BLOCK DIAGRAM UNIT**

**TRANSMITTER:**

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**RECEIVER:**

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