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Fire Fight Robot using Arduino Uno

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Abstract: *Fire incident is a disaster that can potentially cause the loss of life, property damage and permanent disability to the affected victim. Major fire accidents do occur in industries like nuclear power plants, petroleum refineries, gas tanks, chemical factories and other large-scale fire industries resulting in quite serious consequences. Therefore, this project is enhanced to control fire through a robotic vehicle. With the advancement in the field of Robotics, human intervention is becoming less every day and robots are used widely for purpose of safety. In our day to day life fire accidents are very common and sometimes it becomes very difficult for fireman to save human life. In such case fire fighting robot comes in picture*

Keywords: Firefighting Robot, IR Distance Sensor, Flame Sensor, OV7670 Camera Module, Arduino Mega 2560, DC motor, Driver module

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