

Flame Fighter: GPS-Enabled Robot with GSM Communication for Fire Extinguishing

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Abstract: *One of the biggest issues our society is currently dealing with is fire accidents. To reduce the likelihood of fire accidents, efficient fire detection and extinguishment procedures should be followed. Fire rescue personnel are currently providing services to put out fires. But occasionally, it might result in firefighters losing their lives. This study suggests utilizing an Arm processor to create a smart, miniature firefighting robot. Without assistance from a human, the suggested robot will autonomously detect and put out fires. An GSM and GPS models can be used to manually control the robot and put out fires. Additionally, the GSM uses alert messages to notify the user of the fire outbreak. Therefore, our method may be utilized to efficiently identify and put out fires in instances when they are starting*

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