

ABSTRACT

Today in the real time world, most of the families live in apartments. Because of the ease of availability and facilities, many of the families prefer apartments. Now-a-days fire accidents occurs in many apartments. The accidents may occur because of many reasons like Cylinder leakage, Human carelessness, Natural disaster. Generally, it is seen that when an apartment catches fire due to any reason it is not easy to detect the fire initially and react to it. Due to which apartment people does not react immediately, which results in casualties and heavy life loss. The internet of things (IOT) is connecting the devices and tools to the inter-network to be controlled be websites and smart phone applications remotely, also to control tools and instruments by codes and algorithms and structures for artificial intelligence issues. In case we want create advanced systems using algorithms, wi-fi or ethernet connection is connected to our tools, equipment and devices controlling them by smartpone applications or internet websites. This project suggests a solution that can ensure the safety of the apartment residents by letting the security by monitoring temperature humidity and gas leakage if any in the apartment by Blynk application.