Abstract

The fire and rescue robot is an embedded system used to help the rescue team in disaster environment to detect living things and to know the status inside the area to take proper precaution. This robot detects poisonous gas amount of temperature and motion inside the room. This robot has a roller wheel to climb the stairs and obstacles and also have a 360 degree rotating fire and smoke resistant camera for covering huge area. The data is send to the android application through wi-fi.

References

8. Dr. A.R.Kondelwar, Mukesh Kumar “”Designing of smart rescue robotic system ” www.irjet

**Index Terms**

Computer Science  
Automated Systems

**Keywords**

embedded system, 360 degree fire resistant camera, wi-fi, rescue.