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| **Abstract:** |  |
| This paper lodges to build a Rescue Robot using Computer Vision based Artificial intelligence system, which can be deployed to places where it is very hazardous and impassable. The robot has astounding inbuilt features, it automatically detects a target object and picks it without any human interactions; whereas it can also be controlled remotely from a control center. Using computer vision this robot can detect obstacles and pre-defined objects and take indispensable decisions. The robot also sends videos of its milieu along with sensor data like temperature, humidity and gas to the control center via Wi-Fi technology so that, the rescue team can easily understand the situation inside the collapsed site without even going inside. This type of rescue robot can make the overall rescue process pretty much facile, less tedious and methodical. | |