Abstract

Security for women has become a major issue as the number of crimes over women and girls is increasing day-by-day. This proposed project describes women's safety and their security by using an electronic device to detect the problem, self-defense & alert authorities. It suggests a new perspective to use technology to protect women. In this project, an android based smartphone with an integrated feature that alerts and provides location-based information. It provides self-defense and SMS alert when a girl is in danger. The voice recognition will happen when the girl is shouting. It will recognize the voice and send to Raspberry Pi kit through a wireless connection. It also makes use of an accelerometer. The Raspberry Pi module will analyze the situation and send alert SMS with (GPS) Global positioning system location to Guardian or police station, generates an electric shock which can be used as self-defense and captures the image of the environment.
5. “A smart watch for women security based on IOT concept ‘WATCH ME ‘, Second International Conference On Computing and Communications Technologies (ICCCT’17), 2017
6. “Smart Foot Device for Women Safety”, IEEE Region 10 Symposium (TENSYMP), Bali, Indonesia 2016

**Index Terms**

Computer Science | Information Systems

**Keywords**

Android, GSM, GPS, Women Safety, Accelerometer and camera Sensor.