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| Serial Number | Objective | Technologies | Advantage | Limitation and future enhancement |
| [1]  SSSFWI | This System can detect the location and health condition of person that will enable us to take action accordingly. This also enables in reduced power use and that the watch can be installed with which comes in handy for several days on a single shot of charge. | GPS receiver, body temperature sensor ,GSM, Pulse  rate sensor, and Bluetooth 4.0 BLE(Bluetooth Low Energy) | The Smart band integrated with Smart phone has an added advantage so as to reduce the cost of the device and also in reduced size | With further research and innovation, this project can  be implemented in different areas of security and surveillance.  The system can perform the real time monitoring of desired  area and detect the violence with a good accuracy. |
| [2]  IUFWSA | At the point where the device is authorized, it uses GPS (Global Positioning System) to track the stream territory and sends an emergency message using GSM (Global MobileCorrespondence  System) to the registered adaptive number and shuts down the station house. In crisis cases, the neurostimulator can pass on non-lethal electrical stun to isolate the aggressor, a signal is used as an alarm. | microcontroller (ATmega2560), GSM module (SIM800) (subscriber identity module), GPS module (Neo-6M), IoTmodule (ESP-12E), Neuro S timulator, Buzzer, and Vibrating Sensor | The alarm is used to alert the accommodating individuals all legitimately that they will comprehend that someone is stuck |  |
| [3]  ISSGFWS | This is used when , the user face any Kind of harassment or if user feel something happened to be endanger user can press the button located on the watch, when user fall in down, the various information such as location, body posture, pulse rate and SMS alert are sent to the predefined number.We can get the exact location of the victim . | GSM, Raspberry Pi, GPS module | The location sends the longitude and latitude of the victim so that, police can easily find the victim and the incident can be easily avoided and can save the women, punish the culprit. |  |
| [4]  RSWDFWS | This system provides a buzzer alert .The system uses Global Positioning System (GPS) to locate the user, sends the location of the user through SMS to the emergency contact and police using the Global System for Mobile Communications (GSM) / General Radio Packet Service (GPRS) technology.The device also captures the image of the assault and surroundings of the user or victim and sends it as an E-mail alert to the emergency contact soon after the user presses the panic buttonpresent on Smart wearable device system. | GPS, GSM, GPRS, USB Web Camera | It works as an alert as well as a security system. It provides a buzzer alert alert to the people who are nearby to the user |  |
| [5]  SSDFWBI | This paper is focused on a new IoT based evidence-collecting device to ensure women's safety and security. | Raspberry pi, buzzer, and camera; flex sensor, GSM, and GPS modules | Women can use this compact device with their undergarments easily and comfortably. |  |
| [6]  DDFIWDSS | This device is programmed to continuously monitor the subject’s parameters and take action when any dangerous situation presents itself. It does so by detecting the change in the monitored signals, following which appropriate action is taken by means of sending notifications/alerts to designated individuals | Temperature sensor(LM),Triple axis Accelerometer(ADXL335E),Skin Resistance Sensor(Copper Strips) | Real-time monitoring of raw data |  |
| [7]  DIWSSI | In this project, when a woman senses danger she has to hold ON the trigger of the device. Once the device is activated, it tracks the current location using GPS(Global Positioning System) and sends emergency message using GSM(Global System for Mobile communication) to the registered mobile number and near by police station | microcontroller(ATmega2560), GSM module (SIM900), GPS module(Neo-6M),IoT module(ESP-12E),Neuro Stimulator, Buzzer and Vibrating Sensor | Continuous location tracking and updated into the webpage |  |
| [8]  DSSDFWI | IoT based safety device that relies on providing security to women by fingerprint-based method of connectivity to the device and alerting nearby people and police when a women is not safe. An unsafe situation is sensedby fingerprint verification for a minute then it will automatically alert nearby people and police if the device senses no signal.It contains a shockwave generator. Additional features such as sending group messages, audio recording are also part of the proposed design. A mobile app is designed for women safety where safe locations from victim’s current location will be shown on the map so that women can reach the safe place from her current location | Shockwave generator, GSM module, LCD, Fingerprint sensor | shockwave generator is also designed that women can use to attack the perpetrator |  |