



RNS Institute of Technology

(VTU Affiliated, AICTE Approved, NAAC 'A' Grade Accredited)

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Department of Electronics and Instrumentation Engineering

(NBA Accredited for the Academic Years 2018-19, 2019-20, 2020-21 and 2021-22)

Project: Touch Me Not- Women Ward GADGET using IOT

Title	Touch Me Not- Women Ward GADGET using IOT	
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The present era is of equal rights, where both men and women are taking equal responsibilities in their respective works. Hence women are giving equal competition next to men in all fields and they are assigned works in both the even and odd shifts. Every single day women and young girls all walks of life are being assaulted, molested and raped. Because of these reasons women can't step out of their house. In critical situations the women will not feel insecure or helpless if they have some kind of safety device with them. We proposed to have a device which is the integration of multiple devices, hardware comprises a wearable smart gadget which continuously communicates with smart phone that have access to the internet. The complete gadget also ensures to provide self-defence application which helps her to combat critical situations. This system can be used at places like bus stops, railway stations, offices, footpaths, shopping malls, markets, etc.

The implementation of the smart gadget is basically split into two sections; the first part ensures to capture the image of the culprit and stores it in the cloud which serves as a valid proof against the one who committed the crime. The second section deals with defense application as we tend to concentrate more on providing self-defence for women in danger. The self-defence feature is capable of working in any of the circumstances either it may be with the internet that captures the image of the culprit and stores it in the cloud. Whereas self-defence without internet consists of sending SMS and GPS location of the victim to the emergency contacts, police stations and/or nearby people, Electric shock device, that is used to provide the electric shocks that diverts the mind of the culprit and reduce his excited state to commit the crime on women. These two factors form the combined self-defence application and help the victim to escape from the danger.