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# Self Defence Device with GSM alert and GPS tracking with fingerprint verification for women safety

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### Abstract



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**Abstract:**A new approach is given towards the security of women in the form of a device. The objective of the device is to provide women with a tool that can provide them security ... [View more](#)

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##### Abstract:

A new approach is given towards the security of women in the form of a device. The objective of the device is to provide women with a tool that can provide them security and ensure their safety in case of any mishap. The paper proposes a better approach which makes use of a high voltage current producing circuit which will be used to stun the opposition for few seconds. The fingerprint module for activation of device, electric shock producing circuit, GSM/GPS module for alerting and location tracking all interfaced with a microcontroller to design a small baton shaped device which will be handy and easily portable.

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### ☰ Contents

#### I. Introduction

Security of women is a major topic of concern in India. Most of the women in India have experienced some form of violence or harassment in public. There is a growth in crimes related to women harassment and the main reason that a woman is being a victim is lack of public security and inability of a woman to defend her. In order to be able to protect herself, she must train herself through various self-defense courses, which is not possible for every woman to enroll into these courses. Regarding this issue there are various applications available on mobile platform that are meant specially for women safety, but these applications doesn't guarantee security at the time of the incident because these applications only do the job of informing people concerned about women's safety and could not assist her to defend herself neither the availability of the concerned people is guaranteed at the time of the incident.

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