

**WOMEN SAFETY TRACKING USING GSM AND GPS**

A project report submitted in partial fulfillment of the requirements  
For the award of the degree of

**BACHELOR OF TECHNOLOGY  
IN  
ELECTRICAL & ELECTRONICS ENGINEERING**

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**DEPARTMENT OF  
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**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
(Permanently Affiliated to Jawaharlal Nehru Technological University Kakinada, AP)  
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Tamaram, Narsipatnam, Visakhapatnam-531113

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**CERTIFICATE**

This is certify that the project report entitled "WOMEN SAFETY TRACKIG USENG GPS AND GSM" is a bonafide work submitted by M BHAVAN ANIL, S JYOTHSNA, S M NAIDU, A L B SOWMIYA, V R PRASANTH KUMAR, in partial fulfillment of the requirements for the award of degree of

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## **ABSTRACT**

Women's safety plays a very vital role now a days due to rising crimes against women. To help resolve this issue we propose a GPS based women's safety system that has dual security feature. The proposed system consists of a dual alerts that is buzzer and message is sent through GSM. This system can be turned on by a woman in case she even thinks she would be in trouble. This Project presents a women safety detection system using GPS and GSM modems. The system can be interconnected with the alarm system and alert the neighbours. This detection and messaging system is composed of a GPS receiver, GPS Receiver gets the location information from satellites in the form of latitude and longitude. The user receives the information from GSM which receives the processed information from the. Microcontroller A GSM modem is interfaced to the MCU. The GSM modem sends an SMS to the predefined mobile number. When a woman is in danger and in need of self defence then she can press the switch, which is allotted to her. By pressing the switch, the entire system will be activated then immediately a SMS will be sent to concern person with location using GSM and GPS