**PROJECT REPORT**

**ON**

**“**ARRYTHMI MONITORING SYSTEM FOR WOMEN SECURITY**”**

***BACHELOR DEGREE***

***IN***

***(Electronics & Telecommunication)***

**Sant Gadge Baba Amravati University, Amravati**

**Submitted By**

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***Of final year has successfully completed the project title***

**“**ARRYTHMI MONITORING SYSTEM FOR WOMEN SECURITY**”**

*in the partial submission of the bachelor engineering recommended by sant gadge baba amaravti university,amaravti for the academic year 2018-19*

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**DECLARATION**

I here by declare that the project titled **“ ARRYTHMI MONITORING SYSTEM FOR WOMEN SECURITY** ”is an original piece of project work carried out by me under the guidance and super visson **PROF.A.W.KALE.** The information has been collected from genuine and authentic sources. The work has been submitted in the partial submission of the Bachelore Degree of **Electronics and Telecommunication Engineering** affiliated to **Sant Gadge Baba Amaravti University, Amaravti.**

I further declare that to the best of my knowledge and belief ,this project work has not been submitted to this or any other university for the award of any Degree,Diploma or any other equivalent courses.

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**ABSTRACT**

Today, in the current global scenario, the prime question in every girl’s mind, taking into account the ever rising increase of issues on women harassment in recent past, is only about her safety and security. The only thought haunting every girl is when they will be able to move freely on the streets even in odd hours without worrying about their security. This system suggests a new perspective to use technology to protect women. The system resembles a normal watch is used for to measure the heart beat when heart beat is arrthmy. Heartbeat sensor provides a simple way to study the function of the heart which can be measured based on the principle of physiological signal used as a stimulus for the virtual- reality system. The amount of the blood in the wrist changes with respect to time. which when activated, tracks the location of the victim using GPS (Global Positioning System) and sends emergency messages using GSM (Global System for Mobile communication), to three emergency contacts and the police control room. . The main advantage of this system is that the user does not require a Smartphone unlike other applications that have been developed earlier. The use of sophisticated components ensures accuracy and makes it reliable. The watch provides with all the features which will leave no stone unturned to help the victim in any kind of emergency situations.

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