**VELTECH HIGH TECH DR RANGARAJAN DR SAKUNTHALA ENGINNERING COLLEGE**

**TOPIC- IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORIG AND NOTIFICATION**

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**INTRODUCTION**

Internet of things (IOT) is the technology which makes device to sense and control the physical world by making objects smarter and connecting them through an intelligent network. Internet of things uses various concepts, protocols, and technologies. Women and child safety is an extremely huge worry in a nation like INDIA where women and child are assuming a remarkable job in every single field. India is a peace adoring nation and one of the safe stations for the visitors over the world. Many ladies or children even now feel unsafe to move around outside in our nation due numerous cases of violence against women and child. To make women and child feel safe and secure we have proposed this project. The object and machine can be sensed and controlled remotely though networks. Using IOT we can make things smarter and sensible without using any wires or cables. IOT helps us to use and connect the things wirelessly.

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**Future scope**

• The size of components used in the project can be decreased by a process called micro fabrication, so that it can be transformed into a wristwatch.

• Emergency calling feature can be incorporated wherein women or child under panic circumstances can contact police for assistance.

• SMS can be sent to more than one individual.

***Conclusion***

To save time and reduce crimes happening we are developing smart child and adult security system which is wearable. This helps guardians to locate their children and women faster and precisely using internet of things. The present work reduces the human effort and particularly mother’s stresses in working times about child. The device affords above scope for modifications for further improvements and operational efficiency, which should make it commercially available and attractive. R