

Problem statement

- This paper presents a system to monitor pick-up/drop-off of school children to enhance the safety of Children during daily transportation from and to school.
- Children are the backbone of one's nation, if the future of children was affected, it would impact the entire growth of that nation. For every 40 seconds, a child goes missing in this world
- Due to the abusements, the emotional and mental stability of the children gets affected which in turn Ruins their career and future.
- Parents Are responsible for taking care of their own children. But, due to economic condition and aims to focus on their Child's future and career, parents are forced to crave for money. Hence, it becomes difficult to cling on to their Children all the time.
- The system has a developed web-based database-driven application that facilities its management and provides useful information about the children to authorized personnel.
- The aim of this work is to develop a wearable device for the safety and protection of women and girls. This objective is achieved by the analysis of physiological signals in conjunction with body position. The physiological signals that

are analyzed are galvanic skin resistance and body temperature.

- Real-time monitoring of data is achieved by wirelessly sending Sensor data to an open source Cloud Platform. This device is programmed to continuously monitor the subject's parameters and take action when any dangerous situation presents itself. It does so by detecting the change in the monitored signals, following which appropriate action is taken by means of sending notifications/alerts to designated individuals.
- In our system, we provide an environment where this problem can be resolved in an Efficient manner. It makes parents to easily monitor their children in real time just like staying beside them as Well as focusing on their own career without any manual intervention.