

# Literature Survey

## SMART CHILD SAFETY WEARABLE DEVICE

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The Technical point of this paper is to have an ordinary correspondence between the kid and parent through the gadget which helps in finding the area, pulse and temperature of the kid utilizing the gadget empowered with the pulse sensor, temperature sensor and GPS tracker. This gadget empowers association between the youngster and parent through the WIFI module cooperation utilizing IoT. The parent can get to the kid data intermittently by interfacing through this gadget.

## CHILD SAFETY WEARABLE DEVICE USING ARDUINO

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The platform of this project will be running on Arduino microcontroller board based on the ATmega 328p and functions of sending and receiving SMS connecting to the internet which is provided by the GSM shield. Also, additional modules employed which will provide the current location of the child to parent via SMS. The second measure added is SOS Light indicator that will be programmed with Arduino UNO board to display the SOS signal using Morse code. Therefore, the wearable device proposed will be communicating with the parent via SMS, which would ensure that there is a secure communication link.

## CHILD SAFETY DEVICE

Sai Pramodh Kumar.K; Bhavishya.p; Geetha.K; Rajesh Reddy.K; Patan Mahammad Akhil

This paper describes about safe and secured electronic system for child which comprises of an Arduino controller and buzzer, Node MCU, sim holder, power supply cable, GSM and GPS are used in this project. In this paper mainly focus on sensing the children's Temperature, humidity and GPS location. By monitoring the activities, the state of the child is analyzed. By using GPS, if child reaches the critical state then the latitude and longitude of that particular location is sent to the parents through Blynk Application and the data of child is stored in the authenticated ThingSpeak personal account and will be easy to track the child's activity and can store for few days.