**LITERATURE SURVEY**

**[1]** Shows a savvy IoT gadget proposed for youngster security and following, created to assist guardians with observing and find their kids. This framework is constructed utilizing LinkIt ONE board that is encoded in implanted C language and is likewise interfaced with different sensors, an advanced camera, GSM and GPS functionalities. The framework is intended to consequently alarm the watchman/parent by sending SMS when quick consideration is required during a crisis.

**[2]** Presents a model of a light-weight, configurable, smaller and low force utilization wearable gadget to watch ecological/surrounding conditions. It presents this gadget in five physical layers. The model uses a multi-layer and multi-sensor approach and can quantify an assortment of risky gases, gives movement following and checks physical encompassing parameters.

**[3]** The purpose of this device is to help the parents to locate their children with ease. At the moment there are many wearable’s in the market which helps to track the daily activity of children and also helps to find the child using Wi-Fi and Bluetooth services present on the device.

**[4]** This paper provides an Android based solution for the parents to track their children in real time. Different devices are connected with a single device through channels of internet. The concerned device is connected to server via internet. The device can be used by parents to track their children in real time or for women safety. The proposed solution takes the location services provided by GSM module. It allows the parents to get their child’s current-location via SMS.

**[5]** Gives a demonstration of the Child Guard system that tracks the movement of unsupervised children in real-time using mobile devices. Notifications in the form of alarms and reminders are sent to the child, and the guardians are alerted of abnormalities in the child’s daily routine. Child Guard operates as a security method for monitoring children by using emergent technologies like wearable devices or simple smartphones. These higher performance devices keep track of the child’s movements and whereabouts, and proactively keep the parents/guardians informed about any possible safety threats or risks.

**Reference:**

**[1]** Smart IOT Device for Child Safety and Tracking: M Nandini Priyanka, S Murugan, K N H Srinivas, T D S Sarveswararao, E Kusuma Kumari. Published in 2019.

**[2]** Pervasive and Personalized Ambient Parameters Monitoring: A Wearable, Modular, and Configurable Watch: M. Haghi, R. Stoll and K. Thurow. Published in 2019.

**[3]** Child safety wearable device: Akash Moodbidri, Hamid Shahnasser. Published in: 2017 IEEE.

**[4]** Children Location Monitoring on Google Maps Using GPS and GSM: Dheeraj Sunehera, Pottabhatini Laxmi Priya. Published in 2016 IEEE.

**[5]** A Child-Safety Monitoring System: Z. Gao, H. Guo, Y. Xie, Y. Luo, H. Lu and K. Yan. Published in 2017.