

# Literature Survey

***Survey paper: 1***

***IEEE Paper:*** Child Online Safety in Indian Context

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Children begin using the Internet at an early age and use it more often. Online youngsters face serious risks in addition to advantages like better education, entertainment, news, and gaming. The difficulty of online safety is universal. This essay's focus is on the reactions to and informational posts about children's online safety on social media. In this context, Facebook sites of several well-known Indian personalities for online safety and Twitter social media comments to the release of the accusers of child sex abuse are examined. The findings show that despite the people's rage and fear, they have faith in the legal and police systems and anticipate safety from them. Based on a review of Facebook posts, it can be shown that the relevant authorities are actively working to educate the public about children's online safety. People want that the criminals who committed the crime be punished through the legal system. To ensure that all social media users are aware of cybercrime, the required steps should be performed.

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## ***Survey Paper: 2***

### ***IEEE Paper:*** Multi-sensor Wearable for Child Safety

***Author Name:*** Ushashi Chowdhury, Pranjal Chowdhury, Sourav Paul, Anwesha Sen, Partho Protim Sarkar, Shubhankur Basak, Shubhankur Basak.

Today, we can clearly see how quickly human life is evolving. In addition, city life is becoming increasingly hectic every day. Therefore, it is become increasingly difficult for parents to closely supervise their children given their busy daily schedules. This essay describes a smart wearable like a wristband that periodically tracks the child to assure their safety. In the event of a problem, parents would be notified through cell phone so they could respond right away. The SMS text-enabled communication is the main topic of this study. Parents can SMS the gadget with a few terms and receive a response. The gadget can determine a child's general position,

as well as the child's body temperature, ambient temperature, humidity, and heartbeat. The device will contain safety features including an alarm buzzer and an SOS light to alert onlookers to assist the child in an emergency. Therefore, the focus of this essay is on a child's safety and security to aid in their recovery from any kind of problem.

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### ***Survey paper: 3***

***IEEE Paper:*** Smart Child Safety Wearable Device.

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The most prevalent global issue right now is child safety. There are many concerns regarding child safety, and this study focuses on protecting children from threats including missing persons and kidnappings. The technical aspect of this work is

to establish a regular line of communication between the child and parent using a device that aids in locating the child and monitoring their temperature, pulse, and location using a device equipped with a GPS tracker, temperature sensor, and pulse sensor. Through the use of IoT and the WIFI module, this device facilitates parent-child communication. Through this device, the parent can sporadically access the child's data. Due to this, parents defend their children even when they are not present. The information is permanently kept in the cloud to preserve the history of the kids' old data for future use. When the sensors become susceptible to various activities, they immediately activate.

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