PROJECT
OBJECTIVES

Team ID	PNT2022TMID12351
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

- ➢ To create a gadget that provides "Smart Child Safety" to protect children from abuse.

- ➢ To help the parents locate their children with ease.
- ➢ To provide an IoT-based advanced solution for monitoring the child and an emergency alert for safety purposes.

- ➢ To monitor health conditions like heart rate, saturation level, etc. using several sensors connected to a gadget.

- ➢ To enable tracking of the child's location and the capture of data remotely, such as where the child is located.

- ➢ To make the parent feel that they are beside their children, ensuring their child's safety. To provide alerts and methods of communication.
- ➢ To alert the individual's child so as to locate the child in a safe zone before the arrival of their parent.

- ➢ To send a notification in the form of a text message or SMS to their parent's phone about their children's conditions.

- ➢ To optimize the required caretaker to take care of children and to reduce costs.

- ➢ To enable the device to send notifications if the child is missing or when abnormal conditions or situations are detected.

- ➢ To provide security to the child.

- ➢ To show the child's actual data with a reference value. The gadget aims to provide parents with a sense of security for their children in today's world.

- To ensure increased efficiency of gadgets, which helps in the reduction of risks.

- To develop a prototype of an IoT wearable smart band connected to parent's mobile apps so that they can monitor the actual condition of children at anytime and anyplace.