

V.S.B ENGINEERING COLLEGE

Electronics and Communication Engineering

IBM NALAIYA THIRAN

Title : IoT Based Safety Gadget for Child Safety
Monitoring and Notification

Domain Name : Internet of Things(IoT)

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ABSTRACT :

Child safety and tracking is a major concern as the more number of crimes on children are reported now-a-days. With this motivation, a smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children. The novelty of the work is that the system automatically alert the parent/caretaker by sending SMS, when immediate attention is required for the child during emergency. The parameters such as touch, temperature and heartbeat of the child are used for parametric analysis and results are plotted for the same. The above system ensures the safety and tracking of children.

INTRODUCTION :

Internet of Things(IoT) plays a major role in every day-to-day life. IoT devices are smart devices, which are able to take decisions by sensing the environment around the devices without human interventions. So IoT devices are applied in different fields such as security, agriculture etc., IoT brings global changes by its advanced elements in the social, economic and political impact of the users.

LITERATURE SURVEY :

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2. AkashMoodbidri, Hamid Shahnasser (Jan 2017) 'Child safety wearable device', International Journal for Research in Applied Science & Engineering Technology, Vol. 6 Issue II, IEEE, pp. 438- 444
3. AsmitaPawar, PratikshaSagare, TejalSasane, KiranShinde (March– 2017) 'Smart security solution for women and children safety based on GPS using IOT', International Journal of Recent Innovation in Engineering and Research, vol. 02, Issue. 03, pp.85-94.