

STUDY OF TECHNOLOGICAL SUPPORT FOR THE SAFETY OF WOMEN IN BENGALURU

Prof. Aruna Devi K, Prof. Vani Chakraborty, Prof. Bino Joseph

Department of Computer Science-PG, Kristu Jayanti College (Autonomous), Bengaluru-560077

ABSTRACT:

a) Problem Statement

Women's safety has emerged as a key concern for the Government and society with the rising crime rates against women. The study aims to help the women in Bengaluru by giving awareness about the effective personal safety technological services which in turn encourages its wide usage.

b) Objectives

- To study the usage of the existing technological support system for the safety of women
- To measure the effectiveness and feasibility of the existing system for women safety

c) Methods

- Data Collection using questionnaire
- Data Analysis

d) Major Findings

- There are applications like EYE WATCH, B Safe, VithU, which provide features like SOS activation, and location sharing. Applications like Nirbhaya notify the police and have group tracking. The existing application is mainly focused on helping the victim after the issue.
- The system lacks a device or a feature that helps the women in getting alerts before any malicious event happens.
- Analyzing the existing applications a new framework for the mobile app with the Video analyzing feature is proposed
- The proposed framework helps the women by giving alert to the person and also to their priority contacts before the threatening events after performing video analysis.