IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.53
Volume 4, Issue 1, November 2024

Women Safety using Smart Shoes

Prof. S. S. Momin[1], Rishikesh Nilesh Yeole[2], Rehaan Shakil Shaikh[3], Yashodeep Narendra Sant[4], Yuvraj Pavan Sabale[5]
Guide, Department of Computer Engineering[1]
Students, Department of Computer Engineering[2,3,4,5]
Guru Gobind Singh Polytechnic, Nashik, Maharashtra, India

Abstract: *This project presents an innovative IoT- based safety shoe designed specifically for women's personal security. The shoe is equipped with advanced features such as SOS alerts, real- time location tracking, and an electric shock deterrent, enhancing the safety of the wearer in potentially dangerous situations. By continuously monitoring the user's location, the shoe provides timely alerts when entering high-risk areas, enabling proactive measures to ensure safety. The integration of these technologies not only empowers women with increased protection but also fosters a sense of security and peace of mind in their daily activities. This project aims to address the critical need for personal safety solutions in modern society, combining fashion with functionality to support women's independence and confidence.*

Keywords: IoT (Internet of Things), Women's Safety, Personal Security, Safety Shoe, SOS Alerts Real-Time Location Tracking, Electric Shock Deterrent, Wearable Technology, Smart Footwear Location Monitoring