

Real-Time Android App for Women Protection

**Prof. Dube D.S.¹, Pete Biru Laxman², Chaudhari Pitambar Ravindra³,
Sonwane Dipak Sharad⁴, Darange Mansi Pravin⁵**

^{1,2,3,4,5} Department of Computer Engineering.

^{1,2,3,4,5} Vidya Niketan College of Engineering, Bota, Maharashtra, India

Abstract: *In today's world, where personal safety is a growing concern, especially for women, this real-time Android application is developed to offer a sense of security, comfort, and confidence in daily life. The app is designed to assist women in unsafe or emergency situations by allowing them to quickly send SOS alerts, share their live location, and stay connected with trusted contacts. With features like one-tap emergency activation, voice or gesture-based alerts, and real-time GPS tracking, the app ensures that help is just a moment away. Its user-friendly design makes it accessible for all age groups, while background functionality ensures the app is always ready when needed. Whether walking alone, traveling at night, or facing a distressing situation, this mobile app serves as a reliable companion aimed at enhancing women's safety and well-being through simple yet powerful technology.*

Keywords: Women safety, Android app, SOS alert, real-time location, emergency help, personal security, easy access, GPS tracking, trusted contacts, safety companion

