

BATCH-12

Title of the Project : SHESHIELD-A Moral Tech Solution For Womens Protection

Name of the Students : Ramya.M & Pavithra.E

Register Numbers : 211423104520 & 211423440

Name of the guide : Mr.R.Ramana

ABSTRACT

SheShield – A Moral Tech Solution for Women’s Safety is a real-time Android application developed using Java that provides instant protection and emergency assistance for women in unsafe situations. The system integrates mobile, IoT, and cloud technologies to deliver fast and reliable alerts during emergencies. It allows users to send SOS messages via SMS to trusted contacts with their live GPS location, even without internet connectivity. The application also features continuous location tracking, danger zone detection, and safe zone alerts for preventive safety. When the SOS feature is activated, audio and video recording automatically begin, and the captured data is securely stored in Firebase Cloud Storage as digital evidence. With its simple and quick-response interface, SheShield ensures that women can seek help effortlessly during critical situations. Compared to existing safety systems, SheShield provides real-time evidence capture, and cloud integration, making it a comprehensive, reliable, and cost-effective women’s safety solution.