**ABSTRACT**

This research focuses on the development and implementation of drone technology for the efficient and timely delivery of medicines to remote or hard to reach areas. The study explores the integration of advanced navigation systems, payload management, and safety protocols to ensure accurate and secure delivery. The systems which user Internet of Things (IOT) technology and GPS trackers to enable seamless automation and tracking of the delivery process. A dedicated mobile application is also developed to provide users with user-friendly interface for placing orders and receiving notifications. The mobile app empowers users to make delivery requests conveniently and stay informed about the delivery progress, thereby contributing to an improved healthcare delivery system. The drone’s payload capacity up to 10 kilograms for carrying medical needs such as first aid kit, Anti asthmatic inhalers, etc…