**Title:** Smart OTP Based Wireless Locking System Using Arduino

**Abstract:**

In a rapidly evolving technological landscape, the need for secure and convenient access control systems has grown significant role in our life. Nowadays, home security has become one of many people’s key concerns. This project presents an innovative solution for enhancing the security and accessibility of locker and wi- Fi are combined to create a fantastic powerful system along with a mobile application.

This system operates with a mobile application by sending an OTP as a secure password. As a result, only owners or authorized person can be permitted access through the locker. The OTP received in the mobile is used on user click and opening the attached lock if the entered code is correctly verified.

Key features of the system include the ability to grant or revoke access remotely, monitor entry and exit events, and receives instant notifications of locker activities. This system uses OTP authentication and Arduino Smart Phone based design to create a wireless OTP locking system that allows users to live a more convenient and secure life free of the fear of theft and other crimes.

**Submitted By:**

Name of the Participant 1, College Name, Email ID

Name of the Participant 2, College Name, Email ID