

# Smart Multiple Lockers System using Biometric and One Time Password Authentication Security

S.R. Kale<sup>1</sup>, Tejas Kadam<sup>2</sup>, Onkar Harde<sup>3</sup>, and Mangesh Lolage<sup>4</sup>

Department of Electronics and Computer<sup>1-4</sup>  
Pravara Rural Engineering College, Loni, India

**Abstract:** *The Smart Multiple Locker System uses biometric authentication and One-Time Password verification for safe entry. Users register and authenticate via biometrics and receive a particular one-time Password for locker allocation. It has real-time monitoring, automatic alarms, and centralized management to ensure enhanced security. The system features tamper-proof locking, automatic locker assignment, and return detection. Ideal for schools, offices, gyms, and public places, the scalable system minimizes unauthorized access and optimizes locker space utilization. Secure, innovative, and reliable, it provides peace of mind and convenience to users, with convenience and efficiency in locker management for administrators. Efficiency and security converge in this revolutionary solution.*

**Keywords:** Smart Loker System, OTP and Fingerprint authentication, Multi-user locker access system, Smart storage solution etc

