

## **INTERNET OF THINGS(IOT) IN SMART HOMES**

### **ABSTRACT:**

The Internet of things is the widely spoken technology in the world now.

The internet of things (IoT) plays a crucial role by handling a plethora of connections with billions and trillions of things with devices and also with people. IoT enables smart home technology to provide many facilities like smoke detection, automatic light control, smart locks, smart AC, smart TV, smart fans, smart refrigerators, and deliver security, comfort, entertainment, and assisted living. This paper provides the groundwork to explore the process of how smart homes are being used nowadays and their security by providing seamless authentication. Still, privacy concerns and security issues are the two major cons that haunt the extensive use of IoT in this generation. This paper mainly focuses on complete home automation with all privacy and security features.