METHODIST
COLLEGE OF ENGINEERING & TECHNOLOGY
(An UGC-AUTONOMOUS INSTITUTION)
Accredited by NAAC with A+ and NBA
Estd : 2008 Affiliated to Osmania University & Approved by AICTE

TITLE: SMART DOOR LOCKING SYSTEM

INTRODUCTION :

Introducing our innovative project: the RFID Door Lock System powered by Arduino Uno and a servo motor. With the ability to authenticate users through RFID cards, this project ensures secure and keyless entry. The servo motor, under the control of Arduino Uno, functions as the mechanism to unlock the door upon successful authentication, marking a significant leap in the efficiency and reliability of door access control systems.

the RFID Door Lock System, driven by Arduino Uno and a servo motor. This groundbreaking solution seamlessly merges RFID technology and Arduino precision, enabling secure and keyless entry through user authentication via RFID cards. The Arduino-controlled servo motor acts as the unlocking mechanism, elevating the efficiency and reliability of door access control systems. Additionally, the system boasts a unique feature, sending push notifications to smartphones in case of a fire at the connected location. Embracing the Internet of Things (IoT), our project exemplifies how physical entities exchange data through sensors, electronics, software, and connectivity.

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