



VARDHAMAN COLLEGE OF ENGINEERING (AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE, Accredited by NAAC with A++ Grade, ISO 9001:2015 Certified
Kacharam, Shamshabad, Hyderabad – 501218, Telangana, India
DEPARTMENT OF FRESHMAN ENGINEERING

TITLE OF THE PROJECT: FINGERPRINT VEHICLE STARTER

BATCH NO: TEAM BLUE

Objectives of the Project	Flow of Execution	Project Setup (Screenshot of Final Project Prototype)
<p>This study focuses on biometric applications in the automotive industry. Investigations have since begun to increase safety and prevent unauthorized use of the vehicle. The main purpose of this study is to improve the starter of the engine and to develop a high safety based on the starter path. This study focuses on the design and use of fingerprint motor triggers to protect vehicles. It has been found that starting a vehicle's fingerprint engine is safer than a modern electric motor starter.</p>	<pre>graph TD Start([Start]) --> Active[Active all devices] Active --> Enroll[Enroll the fingerprint of users] Enroll --> User[User puts his/her Fingerprint] User --> Read[/Read the Thumb impression/] Read --> Check{Check for Finger print} Check -- No --> Buzzer3[Buzzer ringing 3 times indicating the unauthorized user] Buzzer3 --> User Check -- Yes --> Enter[Enter voting Zone] Enter --> Allow[Allow to vote] Allow --> Count{Check for count} Count -- No --> Check Count -- Yes --> Buzzer1[Buzzer beeps one time] Buzzer1 --> End([End])</pre>	<p>Hardware Components and Software tools</p> <ul style="list-style-type: none">✓ Arduino UNO✓ Fingerprint Sensor✓ Alphanumeric LCD✓ DC Motor✓ Connecting Wires✓ Buzzer <p>Outcomes</p> <p>This system automates as well as vehicle security using fingerprint based system.</p>

Roll number & Names of the Students:

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Name of the Course Instuctor(s): Dr. M Naresh Kumar