

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JNANA SANGAMA, BELGAUM – 590018
KARNATAKA



PROJECT REPORT
ON
“FINGERPRINT BASED ELECTRONIC VOTING MACHINE”
(Sponsored by KSCST, IISc, Bangalore)

SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE AWARD OF THE DEGREE,
BACHELOR OF ENGINEERING IN
ELECTRONICS & COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Channabasaveshwara Institute of Technology

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SYNOPSIS

India is a constitutional democracy with a parliamentary system of government, and at the heart of the system is a commitment to hold regular, free and fair elections. The election in India involves a number of step-by-step processes from informing the voter about the registration, enrolling his name and issuing the card. To make the above processes easy The Government of India has issued Voter identification cards may range from relatively simple to highly complex. The Voter Identification Cards has advantages and disadvantages.

It is a reliable form of identification. It serves as acknowledgement that the voter is duly registered. It facilitates voting in areas where a voter may not be known personally. It can be issued together with voter education material.

It may be very costly to produce and update. It can be lost or stolen. Some voters will arrive at the polling station without their card. Procedures must be developed to deal with this situation. It must be updated periodically. Cards wear out over time and the pictures on them become dated. Hence the need for a system to replace cards regularly. A significant administrative structure must be in place to produce the cards.

To overcome all the above disadvantages we are employing the Fingerprint Recognition based Electoral Voting System which is more reliable than Voter Identification Cards. Even if the voter didn't carry his Voter Identification card, he can easily vote by his Fingerprint and the voting will be secured with no duplicate votes.