

AL-AMEEN ENGINEERING COLLEGE

KULAPPULLY, SHORANUR-2

(AFFILIATED TO UNIVERSITY OF CALICUT)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ENGINEERING

MINI PROJECT REPORT

ON

FINGERPRINT BASED VOTING MACHINE

SUBMITTED BY

MIDHUN.P

SIXTH SEMESTER

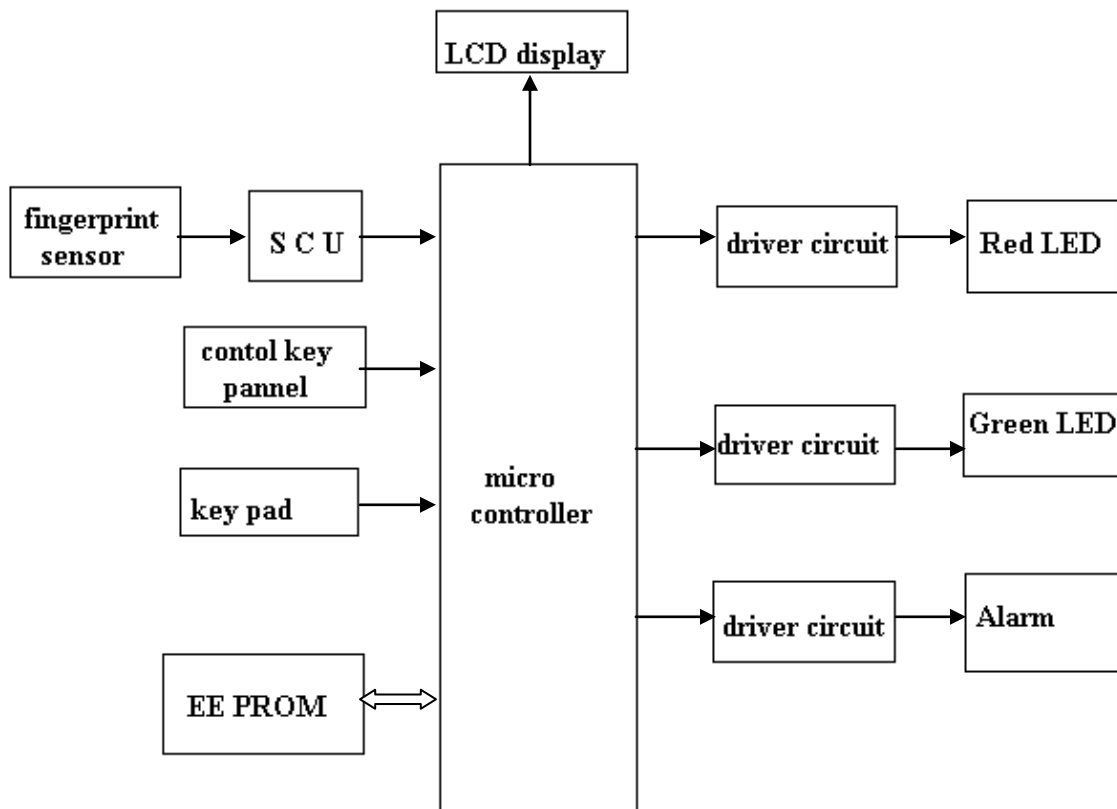
DEPARTMENT OF ECE 2009-2013

ABSTRACT

This project is designed for electronic voting machine by using the fingerprint identification method. In this system the voter does not need identity card, voters thumb impressions are used to identify the voters. The working of this system consist of two parts ie, enrolling section and voting section. During enrolling the fingerprints of all the voters are collected and stored in the data base. During voting the voter keep his/her thumb in the fingerprint scanner, the system searches for the impression which is already fed in the data base. If it matches, the system will provide command to the voter to vote through a LCD display. If the fingerprints does not match then the system will provide indication to the presiding officer that the voter is not registered.

Thus this system provide complete security, accurate polling and easy counting. The main advantages of this systems are reduction of polling time, resulting in fewer problems in electoral preparations, law and order, candidates' expenditure and provide easy and accurate counting without any mischief at the counting centre. It is capable of saving considerable printing stationery and transport of large volumes of electoral material.

BLOCK DIAGRAM



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