

## **Electronics Voting Machine Project**

ajay\_bhargav, Mon May 26 2008, 11:10 am

### **Electronic Voting Machine With manageable Control Unit (Project Report Included)**

A project named "Electronic Voting Machine" has been submitted by following students:

Geetika Gupta, Vibhore Aggarwal, Megha Singh, Shivani.

#### **Introduction:**

EVM is capable of saving considerable printing stationery and transport of large volumes of electoral material. It is easy to transport, store, and maintain. It completely rules out the chance of invalid votes. Its use results in reduction of polling time, resulting in fewer problems in electoral preparations, law and order, candidates' expenditure, etc. and easy and accurate counting without any mischief at the counting centre. It is also eco friendly.

Our EVM consists mainly of two units - (a) Control Unit (CU) and (b) Ballot Unit (BU) with cable for connecting it with Control unit. Both the units consists of one microcontroller (8052) each. The CU consists of one LCD, one hex keypad and a couple of switches, while BU consists of a candidate panel, a votecast panel and a buzzer, etc.

This project is based on assembly language programming. The software platform used in this project are Keil uVision3 and SPIPGM37.

***Thank you friends, for your contribution  
Ajay***