

# SMS Voting System Project

We come across areas where we need to gather votes from a wide range of people through an SMS. This system is widely used in large scale dance, singing as well as other type of public voting competitions.

Here we propose a system to handle this voting process using a microcontroller. Our system is designed to get casted votes using a GSM modem and transfer the data to a microcontroller for further processing. User casted votes are first received by the GSM modem. This data along with votes is sent to the microcontroller.

The microcontroller now decodes the voting data. It considers only one vote from every unique phone number. Multiple voting is not allowed. The microcontroller counts every unique vote and displays the results of voting process on an LCD display.

## **Hardware Specifications**

- 8051 Microcontroller
- LCD
- Crystal Oscillator
- Resistors
- Capacitors
- Transistors
- Cables and Connectors
- Diodes
- PCB and Breadboards
- LED
- Transformer/Adapter
- Push Buttons
- Switch
- IC
- IC Sockets

## **Software Specifications**

- Keil  $\mu$ Vision IDE
- MC Programming Language: Embedded C