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ABSTRACT

The GSM Based Notice Board is an implementation of the wireless communication between a mobile phone and a microcontroller. It is a proposed to design a prototype where the message to be displayed is sent through SMS with proper coding. The toolkit receives the SMS and displays the desired information after necessary code conversion.

Currently we rely on putting up notices on the notice boards using papers. This is time consuming since we need time for preparing notices. Also there is wastage of paper. If we need to renew the notice then we have to take a new hardcopy. The electronics displays which are currently used are programmable displays which need to be reprogrammed each time. This makes it inefficient for immediate information transfer, and thus the display board loses its importance.

In this project the microcontroller is interfaced with the GSM modem. Using GSM modem the message from any common cell phone can be sent to the sim card inserted in the GSM modem. The required code conversion is done by the max 232 and we get the proper logic levels at the microcontroller. Then this data is displayed on both the LCD's connected at the output of microcontroller and it displays the notice.

The GSM based display toolkit can be used as add-on and make it truly wireless. Such a system proves to be helpful for immediate information transfer.