



Visvesvaraya Technological University, Belgaum.

A PROJECT REPORT ON :

SMART NOTICE BOARD

Under the Guidance of :

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ABSTRACT

This project aims in providing wired notice board. This project eliminates necessity of manual notice board. i.e. typing a notice in a system and taking print out and to fix it on the notice board. Using existing radio wave frequencies, battery operated control panels allow for easier operation and maintenance of the display system. This project aims at providing wired data transfer capability between the PC and the notice board. To prepare any notice it takes lot of time to be displayed on the notice board. In the smart notice board, one has to type in the system and the notice message is transmitted with help of a transmitter through RF signal. The typed message in PC is transmitted with the help of transmitter. Here the data is sent from PC with the help of RS-232 interface (serial port). The output of RS-232 is fed to the transmitter.

The received signal is demodulated and fed to the input port of microcontroller, the microcontroller is interfaced with LCD of 16x2. The typed message on PC is transmitted and it is displayed on the LCD screen notice board. This smart notice board saves the time and intimation to the students is done immediately without any delay.