

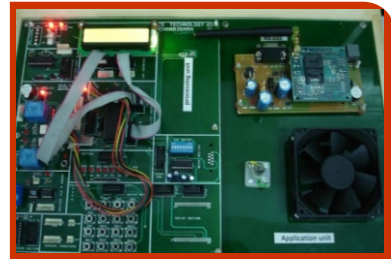
# GSM Development Board

## Features

GSM development Board :This is designed for students to understand the Basics of Mobile Communication system. Wireless Automation and Control, On Board in system programming.

## Technical Specification:

- Optional processor : Based on 8051/Pic/Avr/Arm microcontroller.
- GSM development module with the quad band communication of frequencies (850,900,1800,1900 MHz).
- FME Antenna Connector Support.
- Network Status LED.
- Windows driver software for the GSM Application.
- Rj11 Connector for handset Connection(optional).
- SIM Card Holder.
- On Board 16x2 LCD display, 2relays, Buzzer, Rtc & Eeprom , 8 LEDs.
- Stepper Motor Driver.



## Experiments

- Study of GSM Technology.
- Getting started with GSM Trainer.
- Study of GSM Modem & its component.
- Study of SIM.
- Study of AT GSM Command using GSM Hardware & PC.
- Program to attend a call.
- Program to make a call on any mobile number using 4 x 4 keypad.
- Program to display the status of Incoming call or SMS on LCD display.
- Program to ON/OFF the device using SMS.

## Applications

To Learn Alarm and Notification system, Machine Communication, Wireless Automation and Control, Data and Event Logging, Remote monitoring.



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