We also Provide Project Solution on Suggested Topic

Projects (BE / Diploma) (Mini/Major Projects)
- 8051 Microcontroller Based Projects
- PIC Controller Based Projects
- ARDUINO Controller Based Project
- IEEE Projects
- Project Solution on Suggested Topic

- Gesture vocalizer for dumb people interaction (ARDUINO UNO)
- Wireless Animatronic hand (ARDUINO UNO)
- Wireless Animatronic Arm (ARDUINO UNO)
- Temperature and Humidity Controller for Infant Incubator (AT89S52)
- Water and Air Temperatures and Humidity Controller for Industries (AT89S52)

- Toll plaza system based on vehicle category interface with 8051 microcontroller (AT89C51)
- RFID based Secured access system using 8051 microcontroller (AT89C51)
- Toll plaza system using low frequency RFID (AT89C51)
- Liquid/Water Level Indicator with Alarm with LCD display (AT89C51)
- Electronic Voting Machine using Internal EEPROM (AVR)
- Bluetooth controlled Robot (AT89C51/PIC/Atiny)
- Bluetooth controlled robot using Android mobile (AT89C51)
• Home Appliances Controlling using Android Mobile via Bluetooth
• RFID Based Attendance Management System
• RFID Based Highway Toll Tax Collection System

• Vehicle Accident Detection with GPS and GSM modem
• Condition Monitoring of Power Transformers
• Location finder unit for ice climbers team using GPS technology
• GSM based industrial fault monitoring detection system
• Speed checker and over speed detection for Highways
• GSM based Power Transformer Parameter fault detection System
• GSM based Greenhouse Environment Monitoring and Controlling
• Industrial Automation Using Cellphone
• Liquid Level Computing and Storage Device
• RFID Based Security System
• GSM based Industrial Automation
• Automatic Room Light Controller & Visitor Counter
• Password Based Door Locking
• Person counter and Password detector
• Mobile Controlled Robot
• Microcontroller based Electronic voting machine
• Temperature controlled Fan speed
• Land rover Robot Operated by Cellphone
• Alcohol detection with vehicle controlling
- Microcontroller based Data Logger
- Digital weather station - Data storage
- Public Garden Automation
- Automatic Car Parking Indicator System
- Home Security System
- Monitor and Control of Greenhouse Environment
- Temperature & Light monitoring and controlling
- Time Operated Electrical Appliances Controlling System
- Intelligent Helmet for Coal Miners
- Solar Panel Tracking System
- Greenhouse environment controlling Robot
- Patient Monitoring through GSM modem
- SMS based Weather report information system
- Remote Surveillance Vehicle
- 3 Axis Pick and Place Robot
- Toxic Gas Detection using GSM technology
- GSM based Home Security System
- Soldier Tracking System using GPS and GSM Modem
- Vehicle Tracking System using GPS and GSM modem
- Vehicle Accident Detection with GPS and GSM modem
- GSM Notice Board
- Sound level detection for silence zone
- Power Transformer Parameter fault detection
- RFID based Paid Car Parking System
- RFID based Animal Identification System

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- Engine fault Detect
- RFID based Passport Details information system
- Ultrasonic distance meter using 8051
- Intelligent temperature control system using DS1820 and 8051
- Electronic Lock using Mobile phone
- Zigbee based wireless weather monitoring system
- Ultrasonic Distance meter using 8051 microcontroller
- Zigbee based DC motor Control from PC
- RF based Device Controlling through PC
- Fingerprint Based Security System using R305
- RF based Automatic meter reading
- Car over speed alert using GPS
- Device control through Bluetooth using Android OS Mobile Phones
- RFID based Device control and authentication using 8051
- Temperature and Humidity Controller for Infant Incubator
- RF based Remote control robot
- Temperature controller using DS1820 and LCD display
- Zigbee based home automation system
- Search and Rescue Robot
- Vehicle Tracking System using GPS and GSM modem
- GSM based Automatic Meter Reading (AMR)
- Fingerprint based attendance system
- Automatic window blinds (curtains) controller using LDR
- 4 channel Data Logger [Temp, LDR, Humidity & Soil moisture]
- Line Follower Robot
• Android Controlled Robot using 8051 Microcontroller
• Multi control Robot - Control by GSM, Remote or Acclerometer
• Time Controlled Solar Tracking System
• 8051 based Inverter/UPS with inbuilt Charging system
• Automatic Room light Controller with Visitor Counter –
• Football/Soccer Substitution Board
• Door lock system using seven segment display
• Single Phase AC Motor Speed Controller
• In-House Green House
• Microcontroller Based Home Security System
• Home Automation Over Internet
• Propeller Display using AT89C2051
• GreenBeeV2
• Autonomous Security Guard Robot
• Monitor and Control of Greenhouse Environment-GreenBee
• Simple Digital Voltmeter using 8051
• Digital Lock Using AT89C2051 with LCD and Keypad
• Electronic Voting machine with Managed Control Unit
• BASCOM-8051 Project : Multi counter Project using AT89C2051
• 8051 Controller Area Network Project over RS485 protocol
• Control your PC with TV remote
• IR Remote Switch using TV remote (RC5 Protocol)
• Digital Code lock with LCD and Keypad using AT89C2051
• Traffic Light Controller project
• SMS based Device Switching
• Secured Wireless Data Communication
• Two Line Intercom
• Traffic Light Controller
• Time Operated Electrical Appliance Controlling System
• Temperature controlled Fan
• SMS through Telephone
• Parallel Telephone with auto secrecy (AT89C2051)
• PC Based Robot (AT89C2051)
• Prepaid Energy Meter (AT89S52)
• RF Based Remote control (AT89C2051)
• RFID Based Attendance System (AT89S52 + RFID)
• Contactless Digital Tachometer using PIC microcontroller
MINI

- DS1302 based Digital Clock with Calendar
- Scrolling Dot Matrix LED Display using 8051
- Musical Tone Library for 8051
- Scrolling Dot Matrix LED Display using 8051
- Digital Clock with Alarm Using DS1307 and 8051
- Simple Digital Countdown Timer using 7-seg Display
- C51 Snakes - A Nokia inspired game built on 8051
- Frequency Counter using AT89C2051 and LCD
- Data acquisition system using 8051
- Microcontroller Based Caller ID (AT89C2051)
- Microcontroller Based Digital code Lock (AT89C2051)
- Multi pattern Running Lights (AT89C2051)
- PC BASED DATA LOGGER (AT89S52 + VB)
- PIC Basic Project: Graphical temperature recorder (16F628 + LCD Nokia 3310 + DS18B20)
- PICBASIC - Simon A musical Game Project
- Simple Combination lock Project with keypad and LCD
- Data acquisition system using 8051
- Automatic Bell for College
- Digital Visitor Counter
- Rolling display using Matrix LEDs
- AVR based Digital oscilloscope with a large LCD
- Chess game using AVR and touch screen LCD
- PICBASIC - Poor Man’s Scope
- PIC Industrial and Domestic Timer (Relay Controller)