



www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

NEW PROJECT TITLES ELECTRONICAL- PROJECTS

PROECT
CODE

EMBEDDED & IOT BASED TOPICS

Environment Sensing and IOT Data Handling and Monitoring

- VIKATECE001 Wireless message Communication Between Two Computers
- VIKATECE002 Wireless Electronic Notice Board Using GSM
- VIKATECE003 Car crash analysis Thermal deformations
- VIKATECE004 War Field Spying Robot with Night Vision Wireless Camera
- VIKATECE005 Using TV Remote as a Cordless Mouse for the Computer
- VIKATECE006 Unique Office Communication System Using RF
- VIKATECE007 Underground Cable Fault Distance Locator
- VIKATECE008 Ultra-Fast Acting Electronic Circuit Breaker
- VIKATECE009 TV Remote Operated Domestic Appliances Control
- VIKATECE010 Touch Screen Based Remote Controlled Robotic Vehicle for Stores Management
- VIKATECE011 Touch Screen Based Industrial Load Switching
- VIKATECE012 Touch Screen Based Home Automation System
- VIKATECE013 Thyristor Power Control by IR Remote
- VIKATECE014 Thyristor Controlled Power for Induction Motor
- VIKATECE015 Three Phase Solid State Relay with ZVS

“ Your Winning Chances Count is Measuring Your Skill Level ”



Kerala Branch Office

10-15/823, Ground Floor, Mudavurpara,
Vedivechancoil-Post, Trivandrum - 695 001.

TamilNadu Head Office

#131-5J, 1st Floor, Bharath Lodge Building,
Swamy Nellaiappan High Road, SriPuram,
Tirunelveli – 627 001.





www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

- VIKATECE016 Theft Intimation of the Vehicle Over SMS to Owner Who Can Stop the Engine Remotely
- VIKATECE017 Tampered Energy Meter Information Conveyed to Concerned Authority by Wireless Communication
- VIKATECE018 Synchronized Traffic Signals
- VIKATECE019 SVPWM Space Vector Pulse Width Modulation
- VIKATECE020 Sun Tracking Solar Panel with IOT Monitoring
- VIKATECE021 Stamp Value Calculator for Postage Needs
- VIKATECE022 Speed Synchronization of Multiple Motors in Industries
- VIKATECE023 Speed Control Unit Designed for a DC Motor
- VIKATECE024 Speed Checker to Detect Rash Driving on Highways
- VIKATECE025 Solar Powered LED Street Light with Auto Intensity Control
- VIKATECE026 Solar Powered Auto Irrigation System
- VIKATECE027 Sine Pulse Width Modulation (SPWM)ansys
- VIKATECE028 Security System With User Changeable Password
- VIKATECE029 Security System Using Smartcard Technology
- VIKATECE030 Secret Code Enabled Secure Communication Using RF Technology
- VIKATECE031 SCADA (Supervisory Control & Data Acquisition) for Remote Industrial Plant

“ Your Winning Chances Count is Measuring Your Skill Level ”



Kerala Branch Office

10-15/823, Ground Floor, Mudavurpara,
Vedivechancoil-Post, Trivandrum - 695 001.

TamilNadu Head Office

#131-5J, 1st Floor, Bharath Lodge Building,
Swamy Nellaiappar High Road, SriPuram,
Tirunelveli – 627 001.





www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

- VIKATECE032 RFID security access control system
- VIKATECE033 RFID Based Passport Details
- VIKATECE034 RFID based attendance system
- VIKATECE035 RF Controlled Robotic Vehicle With Laser Beam Arrangement
- VIKATECE036 RF Based Home Automation System
- VIKATECE037 Remote Jamming Device
- VIKATECE038 Railway Track Security System
- VIKATECE039 Railway Level Crossing Gate Control through SMS by the Station Master or the Driver
- VIKATECE040 Programmable Switching Control for Industrial Automation in Repetitive Nature of Work
- VIKATECE041 Programmable Load Shedding Time Management for Utility Department
- VIKATECE042 Programmable Energy Meter for Electrical Load Survey
- VIKATECE043 Predefined Speed Control of BLDC Motor
- VIKATECE044 Precise Illumination Control of Lamp
- VIKATECE045 Precise Digital Temperature Control
- VIKATECE046 Pre Stampede Monitoring and Alarm System
- VIKATECE047 Power Saver for Industries & Commercial Establishments

“ Your Winning Chances Count is Measuring Your Skill Level ”



Kerala Branch Office

10-15/823, Ground Floor, Mudavurpara,
Vedivechancoil-Post, Trivandrum - 695 001.

TamilNadu Head Office

#131-5J, 1st Floor, Bharath Lodge Building,
Swamy Nellaiappan High Road, SriPuram,
Tirunelveli – 627 001.





www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

- VIKATECE048 Portable Programmable Medication Reminder
- VIKATECE049 Pick N Place with Soft Catching Gripper
- VIKATECE050 PC Controlled Scrolling Message Display for Notice Board
- VIKATECE051 PC Based Electrical Load Control
- VIKATECE052 Password-Based Circuit Breaker
- VIKATECE053 Parallel Telephone Lines with Security System
- VIKATECE054 Optimum Energy Management System
- VIKATECE055 Obstacle Avoidance Robotic Vehicle
- VIKATECE056 Object Detection using Ultrasonic Sensor
- VIKATECE057 Object Counter with 7 Segment Display using Microcontroller
- VIKATECE058 Microcontroller based Non-Contact Tachometer
- VIKATECE059 Networking of Multiple Microcontrollers
- VIKATECE060 Automatic Door Opening System with Movement Sense
- VIKATECE061 Design and Implementation of Metal Detector Robotic Vehicle
- VIKATECE062 Microcontroller Based Line Following Robotic Vehicle
- VIKATECE063 Life Cycle Testing of Electrical Loads by Down Counter
- VIKATECE064 Lamp Life Extender by ZVS (Zero Voltage Switching)
- VIKATECE065 IR Obstacle Detection to Actuate Load

“ Your Winning Chances Count is Measuring Your Skill Level ”



Kerala Branch Office

10-15/823, Ground Floor, Mudavurpara,
Vedivechancoil-Post, Trivandrum - 695 001.

TamilNadu Head Office

#131-5J, 1st Floor, Bharath Lodge Building,
Swamy Nellaiappiar High Road, SriPuram,
Tirunelveli – 627 001.





www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

- VIKATECE066 IR Controlled Robotic Vehicle
- VIKATECE067 Integrated Energy Management System Based on GSM Protocol with Acknowledgement Feature
- VIKATECE068 Industrial Power Control by Integral Cycle Switching without Generating Harmonics
- VIKATECE069 Industrial Battery Charger by Thyristor Firing Angle Control
- VIKATECE070 GSM Based Monthly Energy Meter Billing via SMS
- VIKATECE071 GSM Based Energy Meter Reading with Load Control
- VIKATECE072 Four Quadrant DC Motor Speed Control with Microcontroller
- VIKATECE073 Flash Flood Intimation Over GSM Network
- VIKATECE074 Fire Fighting Robotic Vehicle
- VIKATECE075 FACTs by SVC (flexible ac transmission)
- VIKATECE076 FACTs (flexible ac transmission) by TSR
- VIKATECE077 DTMF Based Load Control System
- VIKATECE078 Distance Measurement by Ultrasonic Sensor IOT monitoring
- VIKATECE079 Display of Dialed Telephone Numbers on Seven Segment Displays
- VIKATECE080 Dish Positioning Control by IR Remote
- VIKATECE081 Discotheque Light Stroboscopic Flasher

“ Your Winning Chances Count is Measuring Your Skill Level ”



Kerala Branch Office

10-15/823, Ground Floor, Mudavurpara,
Vedivechancoil-Post, Trivandrum - 695 001.

TamilNadu Head Office

#131-5J, 1st Floor, Bharath Lodge Building,
Swamy Nellaiappan High Road, SriPuram,
Tirunelveli – 627 001.





www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

- VIKATECE082 Detecting Power Grid Synchronization Failure on Sensing Frequency or Voltage Beyond Acceptable Range
- VIKATECE083 Density Based Traffic Signal System
- VIKATECE084 Cyclo Converter Using Thyristors
- VIKATECE085 Closed-Loop Control for a Brushless DC Motor to Run at the Exactly Entered Speed
- VIKATECE086 Cell Phone Controlled Robotic Vehicle
- VIKATECE087 Cell Phone Based DTMF Controlled Garage Door Opening System
- VIKATECE088 BLDC Motor Speed Control with RPM Display
- VIKATECE089 Bidirectional Rotation of an Induction Motor with a Remote Control Device
- VIKATECE090 Beacon Flasher Using Microcontroller
- VIKATECE091 Automatic Surveillance Camera Panning System from PC
- VIKATECE092 Design And Analysis Of Washing Machine Drum
- VIKATECE093 Automatic Irrigation System on Sensing Soil Moisture Content
- VIKATECE094 Mobile Operated SCADA for Industries Embedded System Project
- VIKATECE095 IOT Flood Monitoring & Alerting System
- VIKATECE096 IOT Smart Energy Grid
- VIKATECE097 IOT Gas Pipe Leakage Detector Insect Robot

“ Your Winning Chances Count is Measuring Your Skill Level ”



Kerala Branch Office

10-15/823, Ground Floor, Mudavurpara,
Vedivechancoil-Post, Trivandrum - 695 001.

TamilNadu Head Office

#131-5J, 1st Floor, Bharath Lodge Building,
Swamy Nellaiappan High Road, SriPuram,
Tirunelveli – 627 001.





www.vikatworld.com Info@vikatworld.com Contact us: +91 909 5050 353

- VIKATECE098 IOT Theft Detection Using Raspberry Pi
- VIKATECE099 IOT Heart Attack Detection & Heart Rate Monitor
- VIKATECE100 IOT Based Toll Booth Manager System
- VIKATECE101 Biometric Attendance System Over IOT
- VIKATECE102 Women Safety Night Patrolling IOT Robot
- VIKATECE103 IOT Mining Tracking & Worker Safety Helmet
- VIKATECE104 Raspberry Pi based Weather Reporting Over IOT
- VIKATECE105 IOT Temperature & Mask Scan Entry System
- VIKATECE106 IOT Virtual Doctor Robot
- VIKATECE107 IOT Based Person/Wheelchair Fall Detection
- VIKATECE108 IOT Based ICU Patient Monitoring System
- VIKATECE109 IOT Smart Parking Using RFID
- VIKATECE110 IOT Covid Patient Health Monitor in Quarantine

“ Your Winning Chances Count is Measuring Your Skill Level ”



Kerala Branch Office

10-15/823, Ground Floor, Mudavurpara,
Vedivechancoil-Post, Trivandrum - 695 001.

TamilNadu Head Office

#131-5J, 1st Floor, Bharath Lodge Building,
Swamy Nellaiappan High Road, SriPuram,
Tirunelveli – 627 001.

