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* MATLAB
* VLSI

**ANDROID BASED PROJECTS****MECHANICAL PROJECTS** |

**PROJECT FLOW**



**SOFTWARE PROJECTS**

**JAVA PROJECTS**

**NETWORKING:**

1. A HIGHLY SCALABLE KEY PRE-DISTRIBUTION SCHEME FOR WIRELESS SENSOR NETWORKS
2. VAMPIRE ATTACKS
3. MOBILE RELAY CONFIGURATION IN DATA - INTENSIVE WIRELESS SENSOR NETWORKS
4. M-PRIVACY FOR COLLABRATIVE DATA PUBLISHING
5. AMPLE:AN ADAPTIVE TRAFFIC ENGINEERING SYSTEM BASED ON VIRTUAL ROUTING TOPOLOGIES
6. AUTOMATIC RECONFIGURATION FOR LARGE SCALE RELIABLE FOR STORAGE SYSTEM
7. AVMON.
8. P2PPROXY.
9. BIDIRECTIONAL ROUTING ALGORITHUM.
10. CREDIT CARD FRAUD DETECTION USING HIDDEM M,ARKOV MODEL.
11. EFFICIENT BROADCASTING WITH GURENTEED COVERAGE IN MOBILE ADHOC NETWORK.
12. ONLINE HANDWRITTEN SCRIPT RECOGNITION.
13. A FULLY DISTRIBUTED PROACTIVELY SECURE THRESHOLD MULTISIGNATURE SCHEME.
14. NETWORK MONITORING MANAGEMENT.
15. A BIDIRECTIONAL ROUTING ABSTRACTION FOR ASYMMETRIC MOBILE AD HOC NETWORKS.
16. AN ACKNOWLEDGEMENT APPROACH FOR THE DETECTION OF ROUTING MISBEHAVIOUR IN MANETS.

**ADHOC NETWORKS:**

1. TAM TIERED AUTHENTICATION OF MULTICAST PROTOCOL FOR ADHOC NETWORK
2. CROSS LAYER APPROACH IN MOBILE ADHOC NETWORK
3. PACKET SNIFFER IN AD-HOC NETWORKS
4. TAM A TIERED AUTHENTICATION OF MULTICAST PROTOCOL FOR AD-HOC NETWORKS
5. THROUGHPUT AND ENERGY EFFICIENCY IN WIRELESS AD HOC NETWORKS WITH GAUSSIAN CHANNELS

**CLOUD COMPUTING:**

1. RELIABLE RE-ENCRYPTION IN UNRELIABLE CLOUD
2. A LOAD BALANCING MODEL BASED ON CLOUD PARTITIONING FOR THE PUBLIC CLOUD
3. AMES-CLOUD
4. PRIVACY-PRESERVING PUBLIC AUDITING FOR SECURE CLOUD STORAGE
5. AUTOMATIC PROTOCOL BLOCKER FOR PRIVACY PRESERVING PUBLIC AUDITING IN CLOUD COMPUTING
6. FOG COMPUTING:MITIGATING INSIDER DATA THEFT ATTACKS IN THE CLOUD
7. ENSURING DISTRIBUTED ACCOUNTABILITY FOR DATA SHARING IN THE CLOUD
8. AN EFFICIENT SECURITY MODEL IN CLOUD COMPUTING BASED ON SOFT COMPUTING TECHNIQUES
9. SECURE AND PRACTICAL OUTSOURCING OF LINEARPROGRAMMING IN CLOUD COMPUTING
10. FUZZY KEYWORD SEARCH OVER ENCRYPTED DATA IN CLOUD COMPUTING.
11. DYNAMIC LOAD-BALANCED MULTICAST FOR DATA INTENSIVE APPLICATION ON CLOUDS.
12. GOSSIP-BASED RESOURCE MANAGEMENT FOR CLOUD ENVIRONMENTS

**DATA MINING**

1. SLICING A NEW APPROACH TO PRIVACY PRESERVING DATA PUBLISHING
2. FAST DATA RETRIEVAL FROM DATABASES BEYOND THE DATABASE DIMENSIONS
3. C-TREND: TEMPORAL CLUSTER GRAPHS FOR IDENTIFYING AND VISUALIZING TRENDS IN MULTI ATTRIBUTE TRANSACTIONAL DATA
4. A SIGNATURE-BASED INDEXING METHOD FOR EFFICIENT CONTENTBASED RETRIEVAL OF RELATIVETEMPORAL PATTERNS
5. HIDING SENSITIVE ASSOCIATION RULES WITH LIMITED SIDE EFFECTS
6. EVENTUAL CLUSTERER: A MODULAR APPROACH TO DESIGNING HIERARCHICAL CONSENSUS.

**MOBILE COMPUTING:**

1. FAST DATA COLLECTION IN TREE-BASED WIRELESS SENSOR NETWORKS

**MULTIMEDIA:**

1. LEARN TO PERSONALIZED IMAGE SEARCH FROM THE PHOTO SHARING WEBSITES
2. TRUST MODELING IN SOCIAL TAGGING OF MULTIMEDIA CONTENT

**SECURE COMPUTING:**

1. DOUBLEGUARD DETECTING INTRUSIONS IN MULTI-TIER WEB APPLICATIONS
2. ENSURING DISTRIBUTED ACCOUNTABILITY FOR DATA SHARING IN THE CLOUD
3. ONLINE MODELING OF PROACTIVE MODERATION SYSTEM FOR AUCTION FRAUD DETECTION
4. PACKET-HIDING METHODS FOR PREVENTING SELECTIVE
5. RISK-AWARE MITIGATION

**WIRELESS COMMUNICATION**

1. AN ADAPTIVE OPPORTUNISTIC ROUTING SCHEME FOR WIRELESS AD-HOC NETWORKS
2. CUT DETECTION IN WIRELESS SENSOR NETWORKS

**IMAGE PROCESSING**

1. SUPER RESOLUTION - BASED INPAINTING
2. 2D IMAGE MORPHING
3. NOISE REDUCTION BY FUZZY IMAGE FILTERING
4. FACE RECOGNITION USING EIGEN VALUES
5. NOISE REDUCTION BY USING FUZZY IMAGE FILTERING.

**NS2 BASED PROJECTS \**

1. A QOS-ORIENTED DISTRIBUTED ROUTING PROTOCOL FOR HYBRID WIRELESS

NETWORKS

1. A STUDY ON FALSE CHANNEL CONDITION REPORTING ATTACKS IN WIRELESS NETWORKS
2. AN ENERGY-BALANCED ROUTING METHOD BASED ON FORWARD-AWARE FACTOR FOR WIRELESS SENSOR NETWORKS
3. AUTONOMOUS MOBILE MESH NETWORKS
4. ALBA-R: LOAD-BALANCING GEOGRAPHIC ROUTING AROUND CONNECTIVITY HOLES IN WIRELESS SENSOR NETWORKS
5. DEFENDING AGAINST COLLABORATIVE ATTACKS BY MALICIOUS NODES IN MANETS: A COOPERATIVE BAIT DETECTION APPROACH

**IEEE BASED PROJECTS**

1. A COCKTAIL APPROACH FOR TRAVEL PACKAGE RECOMMENDATION
2. A HYBRID CLOUD APPROACH FOR SECURE AUTHORIZED DEDUPLICATION
3. A STOCHASTIC MODEL TO INVESTIGATE DATA CENTER PERFORMANCE AND QOS IN IAAS CLOUD COMPUTING SYSTEMS
4. ACCURACY-CONSTRAINED PRIVACY-PRESERVING ACCESS CONTROL MECHANISM FOR RELATIONAL DATA
5. AUTOMATIC TEST PACKET GENERATION
6. CAPTCHA AS GRAPHICAL PASSWORDS—A NEW SECURITY PRIMITIVE BASED ON HARD AI PROBLEMS
7. COOPERATIVE CACHING FOR EFFICIENT DATA ACCESS IN DISRUPTION TOLERANT NETWORKS
8. COST-EFFECTIVE RESOURCE ALLOCATION OF OVERLAY ROUTING RELAY NODES
9. DEALING WITH CONCEPT DRIFTS IN PROCESS MINING
10. DECENTRALIZED ACCESS CONTROL WITH ANONYMOUS AUTHENTICATION OF DATA STORED IN CLOUDS

**ANDROID BASED PROJECTS**

**ANDROID PROJECTS**

1. A REAL-TIME ADAPTIVE ALGORITHM FOR VIDEO STREAMING OVER MULTIPLE WIRELESS ACCESS NETWORKS
2. Signature Generation for Sensitive Information Leakage in Android Applications
3. CONTEXT-DRIVEN, PRESCRIPTION-BASED PERSONAL ACTIVITY CLASSIFICATION: METHODOLOGY, ARCHITECTURE, AND END-TO-END IMPLEMENTATION
4. PRIVACY-PRESERVING MULTI-KEYWORD RANKED SEARCH OVER ENCRYPTED CLOUD DATA
5. FACE-TO-FACE PROXIMITY ESTIMATION USING BLUETOOTH ON SMARTPHONES
6. SECURE AND PRACTICAL OUTSOURCING OF LINEAR PROGRAMMING IN CLOUD COMPUTING
7. HIDING IN THE MOBILE CROWD: LOCATION PRIVACY THROUGH COLLABORATION

**ANDROIDAPPLICATION PROJECTS**

1. ANDROID MEETS LED BULBS IN SMART-HOME AUTOMATION.
2. MOSES: SUPPORTING AND ENFORCING SECURITY PROFILES ON SMARTPHONES
3. DYNAMIC GOOGLE REMOTE DATA COLLECTION
4. SECURITY THREATS TO MOBILE MULTIMEDIA APPLICATIONS: CAMERA-BASED ATTACKS ON MOBILE PHONES
5. EXTENDED MOBILE CAPTCHA IMPLEMENTATION
6. ANDROID EVENT SCHEDULER/REMINDER APPLICATION
7. ORGANIZATION BUSINESS COMMUNICATION & PLANNINGS THROUGH MOBILE REMOTE SERVER
8. QUANTITATIVE AND QUALITATIVE MOBILE DATA COLLECTION
9. THE APPLICATION PROTECTER FOR MOBILE MANUAL SECURITY
10. BLUETOOTH CHATING ON ANDROID.
11. DEVELOPMENT OF ANDROID ROBOT CAR USING ACCELEROMETER SENSORS.
12. MODEL AND IMPLEMENTATION OF ROBOTIC ARM USING ANDROID.
13. OFFICE AUTOMATION BASED ON ANDROID.
14. DEVELOPMENT OF ANDROID ROBOT HELICOPTER USING ACCELEROMETER SENSORS.
15. PLANNING AND DEVELOPMENT OF AN ELECTRONIC HEALTH RECORD CLIENT BASEDDON THE ANDROID PLATFORM.
16. LOCATION TRACKING USING SMS BASED ON ANDRODID MOBILE.
17. ANDROID ON MOBILE DEVICES:AN ENERGY PERSPECTIVE.
18. DEVELOPMENT OF HUMAN ANDRO SYSTEM.
19. ANDROID PHONE BASED DRUNK AND DRIVE DETECTION.
20. PEDOMETER AN ANDROID APPLICATION.

**DOTNET PROJECTS**

**CLOUD COMPUTING:**

1. AUTOMATIC PROTOCOL BLOCKER FOR PRIVACY PRESERVING PUBLIC AUDITING IN CLOUD COMPUTING
2. EFFICIENT AUDIT SERVICE OUTSOURCING FOR DATA INTEGRITY IN CLOUDS
3. HEURISTICS BASED QUERY PROCESSING FOR LARGE RDF GRAPHS USING CLOUD COMPUTING
4. SCALABLE AND SECURE SHARING OF PERSONAL HEALTH RECORDS IN CLOUD COMPUTING USING ATTRIBUTE-BASED ENCRYPTION
5. SCALABLE AND SECURE SHARING OF PERSONAL HEALTH RECORDS IN CLOUD COMPUTING USING ATTRIBUTE-BASED ENCRYPTION
6. TOWARDS SECURE AND DEPENDABLE STORAGE SERVICES IN CLOUD COMPUTING

**DATA MINING:**

1. A QUERY FORMULATION LANGUAGE FOR THE DATA WEB
2. BRIDGING SOCIAL AND DATA NETWORKS
3. DISCOVERING CHARACTERIZATIONS OF THE BEHAVIOR OF ANOMALOUS SUB-POPULATIONS
4. EFFICIENT AND DISCOVERY OF PATTERNS IN SEQUENCE DATA SETS
5. HEURISTICS BASED QUERY PROCESSING FOR LARGE RDF GRAPHS USING CLOUD COMPUTING
6. IDENTIFYING CONTENT FOR PLANNED EVENTS ACROSS SOCIAL MEDIAL SITES
7. MINING WEB GRAPHS FOR RECOMMENDATIONS
8. OPTIMIZATION OF HORIZONTAL AGGREGATION IN SQL BY USING K-MEANS CLUSTERING
9. ORGANIZING USER SEARCH HISTORIES
10. OUTSOURCED SIMILARITY SEARCH ON METRIC DATA ASSETS
11. QUERY PLANNING FOR CONTINUOUS AGGREGATION QUERIES OVER A NETWORK OF DATA AGGREGATORS
12. SCALABLE LEARNING OF COLLECTIVE BEHAVIOR PDF

**IMAGE PROCESSING:**

1. COMPRESSED-SENSING-ENABLED VIDEO STREAMING FOR WIRELESS MULTIMEDIA SENSOR NETWORKS
2. DEFENSES AGAINST LARGE SCALE ONLINE PASSWORD GUESSING ATTACKS BY USING PERSUASIVE CLICK POINTS
3. EXPLORING THE DESIGN SPACE OF SOCIAL NETWORK-BASED SYBIL DEFENSES
4. ROBUST FACE-NAME GRAPH MATCHING FOR MOVIE CHARACTER IDENTIFICATION
5. SEMISUPERVISED BIASED MAXIMUM MARGIN ANALYSIS FOR INTERACTIVE IMAGE RETRIEVAL

**MOBILE COMPUTING:**

1. COOPERATIVE DOWNLOAD IN VEHICULAR ENVIRONMENTS
2. DISTRIBUTED THROUGHPUT MAXIMIZATION IN WIRELESS NETWORKS VIA RANDOM POWER ALLOCATION
3. NETWORK ASSISTED MOBILE COMPUTING WITH OPTIMAL UPLINK QUERY PROCESSING
4. PROTECTING LOCATION PRIVACY IN SENSOR NETWORKS AGAINST A GLOBAL EAVESDROPPER
5. TOPOLOGY CONTROL IN MOBILE AD HOC NETWORKS WITH COOPERATIVE COMMUNICATIONS
6. TOWARDS ACCURATE MOBILE SENSOR NETWORK LOCALIZATION IN NOISY ENVIRONMENTS

**NETWORKING:**

1. A NEW CELL COUNTING BASED ATTACK AGAINST TOR
2. LOAD BALANCING MULTIPATH SWITCHING SYSTEM WITH FLOW SLICE
3. OPTIMAL POWER ALLOCATION IN MULTI OPTIMAL POWER ALLOCATION IN MULTI-RELAY MIMO
4. VIEW-INVARIANT ACTION RECOGNITION BASED ON ARTIFICIAL NEURAL NETWORKS

**PARALLEL & DIST SYSTEM:**

1. BALANCING THE TRADEOFFS BETWEEN QUERY DELAY AND DATA AVAILABILITY IN MANETS
2. BECAN A BANDWIDTH-EFFICIENT COOPERATIVE AUTHENTICATION SCHEME FOR FILTERING INJECTED FALSE DATA IN WIRELESS SENSOR NETWORKS
3. PARALLEL IDENTITIES FOR MANAGING OPEN GOVERNMENT DATA
4. PRECISE SCALABLE AND ONLINE REQUEST TRACING FOR MULTITIER SERVICES OF BLACK BOXES
5. RESOURCE-AWARE APPLICATION STATE MONITORING
6. SCALABLE AND SECURE SHARING OF PERSONAL HEALTH RECORDS IN CLOUD COMPUTING USING ATTRIBUTE-BASED ENCRYPTION
7. SPOC A SECURE AND PRIVACY-PRESERVING OPPORTUNISTIC COMPUTING FRAMEWORK FOR MOBILE-HEALTHCARE EMERGENCY

**SECURE COMPUTING:**

1. AUTOMATIC RECONFIGURATION FOR LARGE-SCALE RELIABLE STORAGE SYSTEMS
2. DESIGN AND IMPLEMENTATION OF TARF A TRUST-AWARE ROUTING FRAMEWORK FOR WSNS
3. FAST MATRIX EMBEDDING BY MATRIX EXTENDING
4. JOINT RELAY AND JAMMER SELECTION FOR SECURE TWO-WAY RELAY NETWORKS

**SERVICE COMPUTING:**

1. EXPERT DISCOVERY AND INTERACTIONS IN MIXED SERVICE-ORIENTED SYSTEMS
2. TOWARDS SECURE AND DEPENDABLE STORAGE SERVICES IN CLOUD COMPUTING

**PHP PROJECT**

1. CAPTCHA
2. DYNAMIC IMAGE GALLERY
3. CONTENT MANAGEMENT SYSTEM FOR WEBSITE
4. PRINTING PRESS WEDDING CARD
5. E-SURVEY PORTAL
6. INVENTORY PORTAL
7. E-COPS
8. PERK POINT
9. E-COMMERCE APPLICATION PORTAL
10. BLOG/FORUM

**EMBEDDED PROJECTS**

**ARM BASED PROJECTS**

1. PROGRAMMABLE LOGIC CONTROLLERS (PLC)USING ARM FOR INDUSTRIAL AUTOMATION WITH RS485.
2. REAL TIME DATA ACQUISITION SYSTEM USING ARM AND RTOS.
3. TEMPERATURE AND HUMIDITY CONTROL SYSTEM USING GRAPHICAL LCD AND ARM
4. IMPLEMENTING PERIPHERALS USING 32-BIT ARM MICROCONTROLLER
5. ARM AND RFID BASED SECURITY SYSTEM ( HOME , OFFICE OR INDUSTRIAL)
6. ARM BASED SMART POWER GENERATION AND MULTI PURPOSE OPTIMIZATION
7. INTERNET BASED HOME AUTOMATION SYSTEM USING ARM 7
8. ETHERNET CONTROLLER FOR HOME APPLIANCE USING INTERNET.
9. ARM BASED REMOTE TEMPERATURE CONTROLLER WITH ETHERNET.
10. DIGITAL RECEIPT SYSTEM (ARM+ETHERNET).
11. CHECK POINT ACESS CONTROL USING ARM+ETHERNET+RFID.
12. TALKING THERMOMETER FOR VISUALLY IMPAIRED.
13. ARM AND GLCD BASED MICRO CONTROLLER CLOCK.
14. ARM+ETHERNET CONTROLLED TEMPERATURE REGULATOR USED TO CONTROL THE DEVICE.

**MICROCONTROLLER BASED PROJECTS**

1. AIRCRAFT BLACKBOX WITH AUTO INFORMATION TO THE BASE STATION.
2. EFFICIENT POWER GENERATION AND MULTI PURPOSE OPTIMIZATION
3. ADVANCED RTO SURVAILLANCE SYSTEM
4. INVISIBLE EYE
5. KROTO FINDER
6. WIRELESS SENSOR NETWORKS – DENSITY BASED TRAFFIC CONTROLLER
7. WIRELESS COMMUNICATION BASED DIGITAL NOTICE BOARD USING GRAPHICAL LCD
8. HIGH PROTECTION VOICE IDENTIFICATION BASED BANK LOCKER SECURITY SYSTEM WITH LIVE VIDEO TRANSMISSION
9. AUTOMATED GREEN HOUSE STATUS MONITORING AND CONTROL SYSTEM
10. DEVELOPMENT OF WIRELESS SENSOR NETWAORK FOR HEALTH MONITORINGSYSTEM
11. CABLE TESTER FOR INDUSTRIES USING AVR
12. MEDIBLACK BOX
13. AUTO WIPER SPEED CONTROLLER ACCORDING TO RAIN FORCE
14. ALCOHOLIC BREATH ANALYSER AND TILT DETECTOR FOR VEHICLE SECURED IGNITION
15. MICROCONTROLLER BASED AUTOMATED METRO TRAIN
16. A NOVEL OPTIMUM POINT TRACKER OF THE SOLAR CELL POWER SUPPLY SYSTEM
17. INDUSTRIAL AUTOMATION AND MONITORING SYSTEM (TEMPERATURE< VIBRATION< PRESSURE etc.)
18. ELECTRONUIC STICK FOR BLIND WITH PANIC BUTTON ALERT.
19. AUTOMATED AMBULANCE GATES AT AMBULANCE AND TRAFFIC SIGNALS.
20. MICROCONTROLLER BASED HOME OR INDUSTRIAL AUTOMATION.
21. PAITENT MONITORING SYSTEM
22. INTELEGENT AGRICULTURE SYSTEM WITH WEATHER MONITORING
23. RFID BASED TRAIN IDENTIFICATION, DETECTION AND UNMANNED RAILWAY CROSSING SYSTEM
24. AN INTEGRATED NETWORK OF ROADSIDE SENSORS AND VEHICLES FOR DRIVING SAFETY: CONCEPT, DESIGN AND EXPERIMENTS
25. MICROCONTROLLER BASED BANK LOCKER SECURITY SYSTEM WITH VOICE REPORTING
26. OUT-PATIENT TABLET TIME CARE SYSTEM WITH VOICE ANNOUNCEMENT
27. DENSITY BASED TRAFFIC LIGHT CONTROLLER
28. AUTOMATIC STREET LIGHT CONTROLLER WITH RTC
29. MICROCONTROLLER BASED SECURITY DOOR CONTROL SYSTEM FOR ATM WITH VOICE ANNOUNCEMENT
30. SMART PARKING SYSTEM
31. RESEARCH OF TRAFFIC SIGNAL LIGHT INTELLIGENT CONTROL SYSTEM BASED ON MICROCONTROLLER
32. DROWSINESS AND GASEOUS FUEL LEAK DETECTOR AND ALERTING SYSTEM
33. INTELLIGENT HIGHWAY POLICE PATROLLING SYSTEM WITH SPEED SENSORS AND CAMERA FOR THE VEHICLES WHICH VIOLATES SPEED LIMITS.
34. ALIVE HUMAN BEING DETECTOR IN WAR FIELDS, AFFECTED AREAS USING WAP WITH MODEL AND CAMERA–PIR (PASSIVE INFRARED SENSORS) FOR RESCUE OPERATIONS WITH COMMUNICATION
35. AUTOMATIC VEHICLE SPEED, HORN, AND BRAKE MANAGEMENT SYSTEM (WITH ANALYZER – OPTIONAL)
36. UTILIZATION OF SOLAR ENERGY WITH TRACKING THE SUN USING STEPPER MOTOR AUTOMATICALLY.
37. DESIGN & DEVELOPMENT OF SECURITY BASED VOTING SYSTEM FOR GOVERNMENT.
38. GAS LEAKAGE, THIEF AND FIRE DETECTOR & AUTO DIALING CONTROLLER SYSTEM.
39. INDUSTRIAL PROTECTION SYSTEM USING TEMPERATURE, SMOKE SENSORS AND LIGHT DEPENDENT RESISTOR
40. TOKEN NUMBER DISPLAY WITH VOICE IN SECURITY USING MICROCONTROLLER AT89C51.
41. ROOM LIGHT AND FAN CONTROLLER WITH VISITOR’s COUNTER.
42. MICROCONTROLLER BASED AERONAUTICAL CRASH PREVENTION SYSTEM THROUGH RF COMMUNICATION
43. AUTOMATIC PLANT WATERING AND TANK LEVEL ALERTING SYSTEM.
44. BLACK BOX FOR VEHICALS/CAR – INTELLEGENT VEHICLE MONITORING SYSTEM.
45. AIRPORT AUTOMATION.
46. ALCOHOLIC ANALYZER AND TILT DETECTOR FOR VECHICLE SECURED IGNITION.
47. BELT CONVOYER WITH PICK AND PLACE AND DIGITAL.
48. COLD BLODD BANK STORAGE MANAGEMENT SYSTEM.
49. DESIGNING A COMPLETE VECHICLE IMMOBILIZATION SYSTEM INTEGRATED WITH A PERSONALIZED ALERT MECHANISM.
50. PASSENGER PRE-PAID METRO CARD SYSTEM.
51. REMOTE CONTROLLED JACK FOR CARS.

**IEEE TRANSACTIONS ON ROBOTICS**

1. PC CONTROLELD UNMANNED FIGHTER (WAR TANKER OR HELICOPTER)
2. KROTO FINDER
3. HAPTIC ROBOTIC ARM
4. QUAD HELICOPTER
5. PC BASED SMALL UNIT UNMANNED VEHICLE FOR TODAY’S ARMY
6. LIINE FOLLOWING ROBOT WITH FORK LIFT
7. WALL PAINTING ROBOT
8. WHITE BOARD CLEANING ROBOT
9. INTELLEGENT COMBACT ROBOT FOR MILITARY OPERATIONS
10. OBJECT AVOIDING ROBOT USING ULTRASONIC SENSOR
11. AUTOMATIC VOICE PRONOUNCEMENT BASED ROBOT FIRE PSYCHOANALYTIC SYSTEM
12. CELL PHONE OPERATED LAND ROVER
13. LIGHT/LINE AND DTMF SIGNAL FOLLOWING INTELLEGENT ROBOT
14. AUTO GUIDED VEHICAL WITH MATERIAL HANDLING AND OBSTACLE DETECTION
15. CONTROLLING ROBOTIC ARM WITH ETHERNET
16. FLEX SENSOR OPERATED ROBOTIC ARM
17. STAIRCASE CLIMBING ROBOT
18. WALK AND TALK ROBOT
19. ROPE CLIMBING ROBO WITH SURVAILLANCE CAPABILITY
20. LAND MINE DETECTING ROBOTIC VEHICLE
21. OBSTACLE AVOIDANCE ROBOTIC VEHICLE
22. EMBEDDED INTELLIGENT CAPABILITY OF A MODULAR ROBOTIC SYSTEM
23. FIRE EXTINGUISING OR FIRE FIGHTING ROBOTIC VEHICLE WITH RF TECHNOLOGY
24. MULTIPLE INTERFACE SECURITY ROBOT
25. PIPE INSPECTION ROBOT
26. AUTOMATIC VOICE ANNOUNCEMENT BASED ROBOT FIRE ANALYSIS SYSTEM
27. LIVE HUMAN DETECTING ROBOT FOR EARTH QUAKE RESCUE OPERATION
28. WHEEL CHAIR FOR DISABLED PERSON USING ROBOT
29. IVRS SYSTEM BASED MOBILE CONTROLLING ROBOT
30. SPY ROBOT WITH BOMB DETECTION AND IMAGE MONITORING
31. INDUSTRIAL HAZARDOUS GAS LEAKAGE DETECTION AND INFORMATION SYSTEM USING INTELLIGENT ROBOT.
32. 3 - AXIS CONTROLLED ROBOT
33. IMAGE / VIDEO CAPTURING AND PC TELECASTING ROBOT
34. SOLAR OPERATED ROBOT
35. DESIGN AND DEVELOPMENT OF OBSTACLE SENSING AND OBJECT GUIDING ROBOT
36. ROBOTIC ARM CONTROL THROUGH INTERNET OR LAN FOR PATIENT SURGERY
37. INTELLIGENT LINE FOLLOWER ROBOT FOR INDUSTRIAL PURPOSE
38. ROBITIC PICK AND PLACE WITH DIGITAL COUNTER
39. BLUE TOOTH CONTROLLED ROBOT
40. ROBOTIC ARM CONTROL THROUGH INTERNET/LAN FOR PATIENT OPERATION WITH ONE OPERATING TOOL.

**IEEE TRANSACTIONS ON GSM**

1. GSM BASED HEALTH CARE SYSTEM WITH HEART BEAT, GLUCOSE, TEMPERATURE MONITORING.
2. GSM BASED SECURITY SYSTEM WITH GAS LEAKAGE IDENTIFICATION AND THEFT CONTROLING
3. GREEN HOUSE MONITORING SYSTEM.
4. GSM BASED WIRELESS NOTICE BOARD
5. MEDIBLACK BOX.
6. SMS BASED DEVICE CONTROL USING GSM MODEM (LIGHT, FAN,MOTOR etc…)
7. GAPS VEHICLE THEFT IDENTIFICATION AND TRACKING AND CONTROL SYSTEM
8. GSM BASED WIRELESS HOME APPLIANCES MONITORING & CONTROL SYSTEM (LIGHT, FAN,MOTOR etc…)
9. HIGHWAY VEHICLE TRAFFIC MONITOR USING GSM
10. HOME SECURITY SYSTEM WITH AUTO DIALING (MISSED CALL OR SMS ALERT USING GSM MODEM)
11. AUTOMATED GSM BASED ELECTRICITY BILLING AND CUT OFF SYSTEM.
12. DATA TRANSFER FOR ADVERTISEMENT DISPLAY OR NOTICE BOARD USING GSM.
13. MULTI PURPOSE SECURITY SYSTEM USING GSM
14. INTELLIGENT RF SECURITY SYSTEM FOR BANKS WITH GSM MODEM & SENSORS.
15. REMOTE BILLING OF ENERGY METER OR WATER METER USING GSM MODEM
16. TRACKING GOT-STAMP PAPER AND AUTOMATION USING GSM MODEM
17. REAL ECG MACHINE FOR DOCTORS WITH DATA TRANSMISSION THROUGH GSM MODEM
18. DATA ACQUISITION SYSTEM WITH GSM MODEM.
19. SMS BASED WEATHER REPORTING.
20. GSM BASED BORDER SECURITY SYSTEM
21. GSM BASED COMPLETE IRRIGATION SOLUTION.
22. RAILWAY SECURITY MANAGEMENT SYSTEM (BRIDGE VIBRATION DETECTION) BASED ON GSM.
23. INDUSTRIAL MONITOR THROUGH GSM NETWORKS
24. SHORT MESSAGING SYSTEM BASED VOTING SYSTEM USING GSM

**IEEE BASED PROJECT TITLE**

1. ENHANCING MINE SAFETY WITH WIRELESS SENSOR NETWORKS USING ZIGBEE TECHNOLOGY
2. NEW DESIGN FOR ELECTRONIC BLOOD PRESSURE MONITOR BASED ON GSM MODULE TC35I
3. COMMUNICATING POWER SUPPLIES: BRINGING THE INTERNET TO THE UBIQUITOUS ENERGY GATEWAYS OF ELECTRONIC DEVICES
4. A RECONFIGURABLE SMART SENSOR INTERFACE FOR INDUSTRIAL WSN IN IOT ENVIRONMENT
5. MINIMUM-TIME TRAJECTORY PLANNING AND CONTROL OF A PICK-AND-PLACE FIVE-BAR PARALLEL

ROBOT

1. IMPLEMENTING FLEXIBLE AND FAST TURNING MANEUVERS OF A MULTIJOINT ROBOTIC FISH
2. WSN-BASED SMART SENSORS AND ACTUATOR FOR POWER MANAGEMENT IN INTELLIGENT BUILDINGS
3. ENERGY-THEFT DETECTION ISSUES FOR ADVANCED METERING INFRASTRUCTURE IN SMART GRID
4. DATA CLEANING FOR RFID AND WSN INTEGRATION
5. THE GENERIC DESIGN OF A HIGH-TRAFFIC ADVANCED METERING INFRASTRUCTURE USING ZIGBEE
6. ZIGZAG-SHAPED COIL ARRAY STRUCTURE FOR WIRELESS CHIP-TO-CHIP COMMUNICATION APPLICATIONS
7. A PASSIVE RFID TAG EMBEDDED TEMPERATURE SENSOR WITH IMPROVED PROCESS SPREADS IMMUNITY FOR A 30 C TO 60 C SENSING RANGE.
8. HARDWARE DEVELOPMENT AND LOCOMOTION CONTROL STRATEGY FOR AN OVER-GROUND GAIT TRAINER: NATURE-GAITS
9. WIRELESS ENVIRONMENTAL SENSOR NETWORKING WITH ANALOG SCATTER RADIO & TIMER PRINCIPLES
10. PROBABILITY-BASED LOCATION AWARE DESIGN AND ON-DEMAND ROBOTIC INTRUSION DETECTION SYSTEM
11. PUBLIC TRANSPORT TICKETING AND MONITORING SYSTEM
12. INTELLIGENT CARS USING RFID TECHNOLOGY
13. GSM BASED RFID APPROACH TO AUTOMATIC STREET LIGHTING SYSTEM
14. VEHICLE NAVIGATION AND OBSTACLE DETECTION SYSTEM USING RFID AND GSM
15. WIRELESS MONITORING OF THE GREEN HOUSE SYSTEM USING EMBEDDED CONTROLLERS
16. ZIGBEE AND GSM BASED SECURE VEHICLE PARKING MANAGEMENT AND RESERVATION SYSTEM
17. PROTOTYPE OF WATER LEVEL DETECTION SYSTEM WITH WIRELESS
18. IMPLEMENTATION OF GPS FOR LOCATION TRACKING
19. DESIGN OF AUTO-GUARD SYSTEM BASED ON RFID AND NETWORK
20. DESIGN OF LANDSLIDE WARNING SYSTEM
21. IMPLEMENTATION OF SELF DIAGNOSTIC AND INTELLIGENT POWER MANAGEMENT PROTOCOLS ON WIRELESS GAS SENSOR NODE
22. IMPLEMENTATION OF CAN BUS IN AN AUTONOMOUS ALL TERRAIN VEHICLEDESIGN OF VEHICLE POSITIONING SYSTEM BASED ON ARM
23. DESIGN OF VEHICLE POSITIONING SYSTEM BASED ON ARM
24. SIMULATION OF EARTHQUAKES AND TSUNAMI THROUGH GSM NETWORK
25. GPS BASED VOICE ALERT SYSTEM FOR THE BLIND
26. SECURED WIRELESS COMMUNICATION FOR INDUSTRIAL AUTOMATION AND CONTROL
27. DESIGN AND IMPLEMENTATION OF PYROELECTRIC INFRARED SENSOR BASED SECURITY SYSTEM USING MICROCONTROLLER
28. DESIGN OF AN INTELLIGENT COMBAT ROBOT FOR WAR FIELDS
29. ZIGBEE BASED INDUSTRIAL AUTOMATION PROFILE FOR POWER MONITORING SYSTEMS
30. PIC BASED CUSTOMIZABLE WIRELESS SENSOR NODE TO DETECT HAZARDOUS GAS PIPELINE LEAKAGE
31. DESIGN AND DEVELOPMENT OF MICROCONTROLLER BASED ELECTRONIC QUEUE CONTROL SYSTEMS
32. A MICROCONTROLLER-BASED MULTI-FUNCTION SOLAR TRACKING SYSTEM
33. INTELLIGENT WATER DISPENSER SYSTEM BASED ON EMBEDDED SYSTEMS
34. A MICROCONTROLLER-BASED IR RANGE FINDER SYSTEM WITH DYNAMIC RANGE ENHANCEMENT
35. MONITORING OF BIOMEDICAL SIGNALS USING A MICROCONTROLLER AND A GRAPHIC LCD
36. WIRELESS MEASUREMENT SYSTEM BASED ON ZIGBEE TRANSMISSION TECHNOLOGY
37. MICROCONTROLLER-BASED TWO-AXIS SOLAR TRACKING SYSTEM
38. DESIGN OF INTELLIGENT MOBILE VEHICLE CHECKING SYSTEM BASED ON ARM7
39. WIRELESS VEHICULAR ACCIDENT DETECTION AND REPORTING SYSTEM
40. ADDING NEW FUNCTIONS TO THE REMOTE AIRFIELD LIGHTING SYSTEM
41. AN INTELLIGENT SMS-BASED REMOTE WATER METERING SYSTEM
42. AUTOMATIC METER READING MONITORING SYSTEM BASED ON GSM MODULE
43. DESIGN OF INTELLIGENT TRAFFIC LIGHT CONTROLLER USING EMBEDDED SYSTEMS

**WIRELESS BASED PROJECTS**

1. WIRELESS COMMUNICATION FOR FIRE DETECTION SYSTEMS IN COMMERCIAL AREAS INDUSTRIAL AND HOME
2. INVOLUNTARY STATION NAME DISPLAY WITH VOICE ATTENTIVE SYSTEM FOR TRAIN
3. WIRELESS ELECTRONIC VOTING MACHINE
4. ADVANCED AUTOIMATIC INTELLIGENT TRAIN ENGINE SYSTEM
5. INDUSTRIAL SECURED TIDY SMOKE DETECTION AND ALARM SYSTEM THROUGH WIRELESS
6. WIRELESS TSUNAMI WARNING ALARM FOR PEOPLE SECURITY
7. VEHICLE ACCIDENT PREVENTION USING EYE BLINK SENSOR USING WIRELESS COMMUNICATION
8. AUTOMATIC VEHICLE OVER SPEED CONTROLLING SYSTEM FOR SCHOOL ZONE AND HORN CONTROLLER FOR HOSPITAL ZONE.
9. AUTOMATED RAILWAY GATE LEVEL CROSSING SCRUTINIZE AND CONTROL SYSTEM
10. WIRELESS BUS STOP INFORMATION PROVIDER SYSTEM FOR PASSENGERS AND STATION ANNOUNCEMENTS.
11. FACILITATE TRAFFIC SIGNAL IDENTIFICATION FOR BLIND PEOPLE

**CELL PHONE BASED PROJECTS**

1. DTMF TELEPHONE REMOTE CONTROL.
2. HOME AUTOMATION & CONTROL SYSTEM USING DTMF
3. MOTOR SPEED, LIGHT CONTROLLER USING CELLULAR PHONE
4. MOBILE TO PC INTERFACE FOR CONTROLLING OF DEVICES USING DTMF TECHNOLOGY
5. CELL PHONE TO CELL PHONE APPLIANCE CONTROL SYSTEM
6. REMOTE ACCESS CONTROL AND AUTOMATION SYSTEM FOR ELECTRONIC APPLIANCES USING DTMF TELEPHONE LINE
7. CELL PHONE BASED ROBOT DETECTION CONTROL
8. WIRELESS CONTROL OF APPLIANCES & DEVICES BY MOBILE PHONE USING DTMF TECHNOLOGY
9. SECURITY AND AUTO DIALING SYSTEM
10. CELL PHONE BASED DEVICE CONTROL WITH VOICE ACKNOWLEDGEMENT

**SMART CARD/ RFID BASED PROJECTS**

1. RFID BASED TRAIN IDENTIFICATION AND RAILWAY CROSSING SYSTEM
2. AUTOMATIC ACCIDENT IDENTIFICATION, DETECTION VIA VIBRATION SENSORS USING RF TECHNOLOGY
3. RFID BASED FILE TRACING SYSTEM FOR BIG GOVERNMENT ORGANIZATIONS.
4. RFID BASED ATTENDANCE CARD SYSTEM
5. LUGGAGE TRACKING SYSTEM USING RFID
6. AUTOMATED AND UNMANNED VEHICLE TOLL COLLECTION / PARKING SYSTEM USING RFID TECHNOLOGY
7. RFID BASED HUMAN / VEHICLE DETECTION AND MONITORING SYSTEM
8. RFID BASED VEHICLE IDENTIFICATION AND SPEED MEASUREMENT
9. PC BASED DOOR ACCESS AND ATTENDANCE LOGGER USING RFID
10. ROUTING, GUIDING, OBSTACLE DETECTING AND CONTROLLING OF VEHICLE USING ACTIVE RFID TECHNOLOGY
11. RFID BASED EMPLOYEE DATABASE MANAGEMENT USING RTC
12. RFID BASED BLIND MAN STICK
13. RFID BASED EVENT TRACKING SYSTEM FOR SPORTS
14. STUDENT ATTENDANCE SYSTEM USING RFID TECHNOLOGY & VB.NET
15. PREPAID ENERGY METER USING RFID.
16. PREPAID CARD FOR BROWSING CENTER USING RFID.
17. PREPAID CARD FOR PETROL BUNK.
18. AUTOMATIC CAR PARKING SYSTEM.
19. DOOR OPENING AND CLOSING SYSTEM WITH SECURITY USING RFID.
20. VOTER CREDENTIALS AND AUTHENTICATION SYSTEM USING RFID TECHNOLOGY
21. THEFT IDENTIFICATION SYSTEM FOR SUPERMARKETS USING RFID
22. METRO TRAIN (TICKET ANALYZER)

**BIO-METRIC / BIO-MEDICAL BASED PROJECTS**

1. FINGER PRINT PREDICTION ENABLED PASSPORT AUTHENTICATION SYSTEM
2. INVOLUNTARY,BIOMETRIC DOOR ACCESS CONTROL AND ATTENDANCE MAINTENANCE SYSTEM
3. HIGH PROTECTION SECURITY SYSTEM WITH BIOMETRIC AND VIDEO TRANSMISSION
4. BIO METRIC RECOGNITION SYSTEM BASED DIGITAL VOTING MACHINE
5. ELECTRONIC LIBRARY MANAGEMENT SYSTEM USING FINGER PRINT SENSOR
6. PATIENT MEDICAL INFORMATION SYSTEM USING FINGER PRINT
7. FINGER PRINT PREDICTION ENABLED PASSPORT AUTHENTICATION SYSTEM
8. INVOLUNTARY,BIOMETRIC DOOR ACCESS CONTROL AND ATTENDANCE MAINTENANCE SYSTEM
9. IVRS BASED AUTOMATIC TELLER MACHINE TRANSACTION SYSTEM WITH THE HELP OF RFID TECHNOLOGY FOR BLIND PEOPLE WITH BIOMETRIC AUTHENTICATION \*\*
10. HIGH PROTECTION ATM SYSTEM WITH FINGER PRINT IDENTIFICATION TECHNOLOGY WITH IMAGE RECORD AND GSM
11. MEMS BASED PC COMMANDS USING HAND SIGNALS
12. REALTIME IMPLWMWNTATION OF BIOPAD FINGER PRINT ATTENDANCE MONITOR.

**CAN PROTOCOL BASED PROJECTS**

1. CAN BASED REAL TIME IMPLEMENTATION IN AUTOMOBILE APPLICATION
2. CAN CONTROLLED SERVO METER (INDUSTRIAL MOTOR)WITH CONTACTLESS PROXIMITY SENSOR.
3. INDUSTRIAL AUTOMATION USING CAN NETWORK.
4. IMPLEMENTATION OF AIR BAG SENSOR USING CAN PROTOCOL WITH GSM TECHNOLOGY
5. IMPLEMENTATION OF A CAN BASED DIGITAL DRIVING SYSTEM FOR A VEHICLE
6. COMPLETE HOME AUTOMATION USING CAN PROTOCOL.

 **GPS BASED PROJECTS**

1. OFFLINE MONITORING OF ADVERTISEMENT WORDINGS USING GSM AND GPS WITH LASER SECURITY SYSTEM
2. GPS MAP USING REAL GPS RECEIVER WITH LICENSE FOR DEFENSE
3. SOLDIER TRACKING SYSTEM USING GPS AND GSM MODEM
4. GSM BASED ON LINE TOLL FEE PAYMENT SYSTEM
5. ON LINE VEHICLE ACCIDENT REPORTER (GSM AND GPS)
6. GPS BASED STATION ANNOUNCEMENT SYSTEM FOR RAILWAY NETWORKS GPS BASED ON-LINE VEHICLE TRACKING SYSTEM
7. ANTI-COLLISION SYSTEM IN RAILWAY USING GSM AND GPS
8. WEB BASED VEHICLE REMOTE CONTROL USING GSM/GPRS I.E..VERY ADVANCED SYSTEM FOR DEVELOPMENT USING MICRO CONTROLLER AND GPRS TECHNOLOGY.
9. ACCIDENT IDENTIFICATION USING GPS AND SEND SMS THROUGH GSM TO A MOBILE
10. LIVE HUMAN DETECTION AND TRACKING USING GPS AND SEND SMS THROUGH GSM TO A MOBILE

**MICROCONTROLLER BASED ELECTRICAL**

1. TRANSMISSION LINE MULTIPLE FAULTS DETECTION AND INDICATION TO ELECTRICITY BOARD
2. 6.6-KW ONBOARD CHARGER DESIGN USING DCM PFC CONVERTER WITH HARMONIC MODULATION TECHNIQUE AND TWO-STAGE DC/DC CONVERTER
3. A CASCADED MULTILEVEL INVERTER BASED ON SWITCHED-CAPACITOR FOR HIGH-FREQUENCY AC POWER DISTRIBUTION SYSTEM
4. A FAMILY OF EXPONENTIAL STEP-DOWN SWITCHED-CAPACITOR CONVERTERS AND THEIR APPLICATIONS IN TWO-STAGE CONVERTERS
5. A HALF-BRIDGE LLC RESONANT CONVERTER ADOPTING BOOST PWM CONTROL SCHEME FOR HOLD-UP STATE OPERATION
6. A NOVEL SINGLE-SWITCH RESONANT POWER CONVERTER FOR RENEWABLE ENERGY GENERATION APPLICATIONS
7. AN IMPROVED LAYOUT STRATEGY FOR COMMON-MODE EMI SUPPRESSION APPLICABLE TO HIGH-FREQUENCY PLANAR TRANSFORMERS IN HIGH-POWER DC/DC CONVERTERS USED FOR ELECTRIC VEHICLES
8. AN IMPROVED ZVT–ZCT PWM DC–DC BOOST CONVERTER WITH INCREASED EFFICIENCY
9. BOOST-DERIVED HYBRID CONVERTER WITH SIMULTANEOUS DC AND AC OUTPUTS
10. UNIVERSAL DIGITAL CONTROLLER FOR BOOST CCM POWER FACTOR CORRECTION STAGES BASED ON CURRENT REBUILDING CONCEPT
11. A SIX-PHASE CURRENT RECONSTRUCTION SCHEME FOR DUAL TRACTION INVERTERS IN HYBRID ELECTRIC VEHICLES WITH A SINGLE DC-LINK CURRENT SENSOR
12. A LOW COMPLEXITY CONTROL SYSTEM FOR A HYBRID DC POWER SOURCE BASED ON ULTRACAPACITOR–LEAD–ACID BATTERY CONFIGURATION
13. ELECTRICAL SUBSTATION SCRUTINIZEING AND CONTROLLING DEVICE FROM REMOTE AREA
14. WIRELESS POWER TRANSMISSION
15. BELT CONVEYOR SYSTEM WITH PICK AND PLACE AND DIGITAL COUNTER
16. DC MOTOR SPEED CONTROL USING BLUETOOTH
17. ANDROID MEETS LED BULBS IN SMART-HOME AUTOMATION.
18. TRANSFORMER INUSTRIAL PARAMETERS MANAGEMENT CONTROL SYSTEM AND INTIMATION TO ELECTRICITY BOARD
19. AUTOMATIC ENERGY CALCULATION AND BILLING SYSTEM TO EB
20. REALIZATION OF PREPAID BILL MANAGEMENT SYSTEM FOR ELECTRICITY BOARD
21. VOICE OPERATED INDUCTION MOTOR SPEED CONTROL THROUGH RF COMMUNICATION
22. ONLINE SPEED CONTROL OF DC MOTOR WITH HIGH SPEED NETWORK
23. MICROCONTROLLER BASED MEASUREMENT OF CURRENT, VOLTAGE, POWER FACTOR AND TEMPERATURE FOR INDUSTRIAL APPLICATIONS
24. TALKING ENERGY METER
25. INVOLUNTARY TEMPERATURE LEVEL SCRUTINIZING AND CONTROLLING SYSTEM FOR INDUSTRIAL BOILER
26. DIGITAL ENERGY METER WITH SERIAL INTERFACE FOR INDUSTRIES
27. IMPLEMENTATION OF SOLAR CELL TRACING SYSTEM FOR THE MAXIMUM UTILIZATION OF SOLAR POWER AND ILLUMINATION
28. MICRO CONTROLLER BASED INTELLIGENT MULTI TIMER SYSTEM FOR INDUSTRIAL AUTOMATION.
29. ENERGY SCRUTINING SYSTEM WITH AUTO LOAD
30. SMART CARD BASED PREPAID ELECTRICITY BILLING
31. ENERGY-SAVER (ANTI-SWEAT HEATER) SWITCH FOR REFRIGERATOR
32. AUTO DIGITAL-SPEED INDICATOR  WITH SPEED CONTROL
33. DC MOTOR SPEED CONTROLLING USING BLUETOOTH
34. AN I2C NETWORK PROTOCOL FOR ENVIRONMENTAL MONITORING
35. BIDIRECTIONAL OPEN LOOP STEPPER MOTOR SPEED CONTROL BY USING PIC MICROCONTROLLER
36. LOW COST PRECISION DIGITAL ENERGY METER AND COST INDICATOR
37. INDUSTRIAL AUTOMATION USING CAN NETWORK.
38. CAN CONTROLLED SERVO METER (INDUSTRIAL MOTOR)WITH CONTACTLESS PROXIMITY SENSOR.
39. AUTOMATIC DC MOTOR SPEED CONTROL WITH AUTOMATIC FEEDBACK VIA SMS USING PWM TECHNOLOGY
40. GSM AND PIR SENSOR BASED LIGHT CONTROLLER AND NETWORKED SAFETY SYSTEM.
41. ELECTRIC FIELD AND ULTRASONIC SENSOR BASED SECURITY SYSTEM
42. MOBILE CONTROLLED DC MOTOR SPEED CONTROLLER.
43. PRE PAID POWER ENERGY METER.
44. REAL TIME LOAD SHEDDING FOR POWER LINES.
45. A NOVEL OPTIMUM POINT TRACKER OF THE SOLAR CELL POWER SYPPLY SYSTEM.

**ZIGBEE BASED PROJECTS**

1. REMOTE MONITORING OF CAR ENGINE USING CAN AND ZIGBEE PROTOCOLS
2. SOLAR POWER - ZIGBEE BASED WATER PUMP CONTROL FOR FARMERS WITH SECURITY
3. ZIGBEE BASED INTELLIGENT RF SECURITY SYSTEM FOR CARS WITH LCD
4. ROBOTIC ARM BASED VEHICLE WITH FOUR WHEEL DRIVE FOR SPECIFIC OPERATION WITH VARIABLE SPEED CONTROL, CONTROLLING THE ROBOTIC ARM AND THE VEHICLE THROUGH ZIGBEE.
5. KROTO FINDER
6. REMOTE-CONTROLLABLE AND ENERGY-SAVING ROOM ARCHITECTURE BASED ON ZIGBEE COMMUNICATION
7. ZIGBEE DEVICE ACCESS CONTROL & RELIABLE DATA TRANSMISSION IN ZIGBEE BASED HEALTH MONITORING SYSTEM
8. REMOTE POWER ON/OFF CONTROL & CURRENT MEASURNT FOR HOME ELECTRIC OUTLETS BASED ON A LOW POWER EMBEDDED BOARD & ZIGBEE COMMUNICATION
9. DEVELOPMENT OF AUTOMATED TOLLING SYSTEM FOR VECHILE.

**CAPSENSE, TOUCH SENSE**

1. TOUCH SCREEN BASED WIRELESS CONTROL SYSTEM
2. TENS- TINY ELECTRONIC SHOCK MACHINE FOR PATIENT USING CAP SENSE
3. TRANSCUTANEOUS ELECTRICAL NERVE STIMULATOR
4. TOUCH PAD CONTROLLED WHEELCHAIR USING CAPSENSE TO SOLVE REAL WORLD PROBLEMS BY DISABLES
5. CAP SENSE BASED WIRELESS ROBOTIC CONTROLL.
6. MULTICHANNEL LED DIMMER WITH CAPSENSE CONTROL
7. INVISIBLE SENSETIVITY BASED SECURED PASSWORD PROTECTION FOR BANK
8. WIRELESS TOUCHPAD REMOTE CONTROL FOR INDUSTRIAL DEVICE CONTROL

**VLSI BASED PROJECTS**

1. AREA-EFFICIENT PARALLEL FIR DIGITAL FILTER STRUCTURES FOR SYMMETRIC CONVOLUTIONS BASED ON FAST FIR ALGORITHM
2. DESIGN OF AN ERROR DETECTION AND DATA RECOVERY ARCHITECTURE FOR MOTION ESTIMATION TESTING APPLICATIONS
3. LOW-POWER AND AREA-EFFICIENT CARRY SELECT ADDER
4. HIGH-ACCURACY FIXED-WIDTH MODIFIED BOOTH MULTIPLIERS FOR LOSSY APPLICATIONS
5. DESIGN OF LOW-ERROR FIXED-WIDTH MODIFIED BOOTH MULTIPLIER
6. AN EFFICIENT IMPLEMENTATION OF FLOATING POINT MULTIPLIER

**MATLAB BASED PROJECTS**

1. A TRANSMIT DIVERSITY TECHNIQUE FOR WIRELESS COMMUNICATION
2. SCENE TEXT RECOGNITION IN MOBILE APPLICATIONS BY CHARACTER DESCRIPTOR AND STRUCTURE CONFIGURATION
3. MINING WEAKLY LABELED WEB FACIAL IMAGES FOR SEARCH-BASED FACE ANNOTATION
4. EXPOSING DIGITAL IMAGE FORGERIES BY ILLUMINATION COLOR CLASSIFICATION
5. DIGITAL IMAGE SHARING BY DIVERSE IMAGE MEDIA
6. AN EFFICIENT PARALLEL APPROACH FOR SCLERA VEIN RECOGNITION
7. DUAL-GEOMETRIC NEIGHBOR EMBEDDING FOR IMAGE SUPER RESOLUTION WITH SPARSE TENSOR
8. A UNIFIED DATA EMBEDDING AND SCRAMBLING METHOD
9. DESIGNING AN EFFICIENT IMAGE ENCRYPTION-THEN-COMPRESSION SYSTEM VIA PREDICTION ERROR CLUSTERING AND RANDOM PERMUTATION
10. FINGERPRINT COMPRESSION BASED ON SPARSE REPRESENTATION
11. PROGRESSIVE IMAGE DENOISING THROUGH HYBRID GRAPH LAPLACIAN REGULARIZATION: A UNIFIED FRAMEWORK
12. A NEW SECURE IMAGE TRANSMISSION TECHNIQUE VIA SECRET-FRAGMENT-VISIBLE MOSAIC IMAGES BY NEARLY REVERSIBLE COLOR TRANSFORMATIONS
13. AUTOMATIC VEHICLE IDENTIFICATION BYNUMBER PLATE RECOGNITION.
14. CO-OPERATIVE COMMUNICATION WITH OFDM
15. FACE RECOGNITION BASED ON EDGE DETECTION ALGORITHM WITH HARDWARE INTERFACING
16. FINGERPRINT RECOGNITION AND MATCHING WITH DISPLAY
17. IRIS RECOGNITION SYSTEM USING PRINCIPAL COMPONENT ANALYSIS(PCA)
18. SIGNATURE VERIFICATION BASED ON GLOBAL FEATURES
19. VOICE COMMAND RECOGNITION SYSTEM BASED ON MFCC AND DTW

**MECHANICAL PROJECTS**

**FABRICATION PROJECTS**

1. HYBRID POWER GENERATION (SOLAR AND WIND) FOR OPTIMIZING MOTOR AND LIGHT
2. HOVER CRAFT MODULE
3. QUADCOPTER
4. FLYWHEEL BASED REGENERATIVE BREAKING
5. AUTOMATIC CONVEYOR BELT WITH PICK AND PLACE AND DIGITAL COUNTER.
6. AUTOMATIC GUN FIRRING SYSTEM FOR MILITARY APPLICATION.
7. PUSH OPERATED SPRAY PUMP, MECHANICAL FABRICATION PROJECT
8. EFFICIENT POWER GENERATION AND MULTI PURPOSE OPRIMIZATION
9. PICK AND PLACE ROBOT WITH GRIPPER
10. SMART WINDOW
11. MECHANICAL REAL TIME CAN CRUSHER
12. PEDAL OPERATED HACKSAW MACHINE
13. RESCUE DEVICE TO SAVE INFANTS STRUCK IN DEEP PITS
14. HAND OPERATED MECHANICAL RECLINER
15. PIPE INSPECTION ROBOT
16. MOTOR VIBRATION CHECKER WITH SENSOR AND SPEED DISPLAY
17. DESIGN OF MULTIPLE APPLICATION AIRPLANE.
18. ROBOTIC AID FOR COMMANDO OPERATIONS
19. SMART DESIGN BASED HYDRO POWER GENERATION
20. WIND POWER UTILIZATION FOR CAR ANNUNCIATOR
21. FOOT STEP BASED POWER GENERATION.
22. ROBOTIC PICK AND PLACE.
23. DESIGN AND DEVELOPMENT OF PNEUMATIC RIVITING MACHINE
24. DEVELOPMENT OF COLOR SENSOR APPLICATION FOR INDUSTRIAL USE.
25. PNEUMATIC BASED CRANCE(TWO/FOUR)CYLINDERS.
26. PORTABLE HYDRAULIC CRANE
27. PNEUMATICS BASED PICK AND PLACE.
28. KROTO FINDER.
29. SMART WINDOW.
30. SOLAR OPERATED DRILL MACHINE.
31. HUMP POWER GENERATOR.
32. GYM POWER GENERATOR.
33. FIRE EXTINGUISING OR FIRE FIGHTING ROBOTIC VEHICLE WITH RF TECHNOLOGY
34. TRACKING OF SOLAR ENERGY ACCORDING TO TIME WITH LIGHTNING SYSTEM.
35. AUTOMATIC GUN FIRING ROTATION FOR INDIAN ARMY.
36. SOLAR OPERATED CUTTING MACHINE.
37. AUTOMATIC AND REMOTE CONTROLLER SCREW JACK.
38. SOLAR CELL OPERATED MOTOR CYCLE.
39. LIFE SAVER FOR INDUSTRIES MACHINE.
40. AUTOMATIC 2,3 AND 4 POINT DRILL MACHINE.
41. PNEUMATIC BASED NIPPER FOR MECHANICAL INDUSTRIES
42. SOLAR POWER CONSERVATION WITH CHARGE CONTROLLER.
43. SUBMARINES REMOTE CONTROLLED/AUTOMATIC FOR NAVY.
44. WIND MILL OPERATED DRILLING MACHINE.
45. INTELLIGENT COMBAT ROBOT.
46. AUTOMATIC PAGE TURNER
47. MULTILEVEL CAR PARKING LIFT USING MCU
48. WIRELESS HAPTIC COMMUNICATION IN REAL TIME ENVIRONMENT USING MECHANICAL HAND
49. DIGITAL COUNTING MACHINE IMPLEMENTING CONVEYORS USING METAL DETECTION SENSOR (FABRICATION)
50. REGENERATIVE BREAKING (ELECTRIC).
51. AUTOMATED METRO TRAIN
52. SAFEST SAW MILL.
53. RECYCLING OF CAR-WASH WASTE WATER.
54. SMART FOOT POWER GENERATION ON FLATFORM
55. UN MANNED RAILWAY GATE AUTOMATIC OPENING AND CLOSING.
56. VEHICLE CRANE AUTO/REMOTE CONTROLLED FOR 1KG WEIGHT.
57. DESIGN OF SOLAR DRYER
58. OPTIMIZATION OF POWER TURBINE NETWORK.
59. REALTIME THREADMILL BASED POWER GENERATION AND OPTIMIZATION
60. WATER PUMP RECIPROCATING.
61. CAR THEFT AND ACCIDENT PREVENTER.
62. PORTABLE CRANE.
63. PICK TO PLACE ROBO USING A COMPUTER TROUGH WIRELESS.
64. WIND POWER GENERATOR.
65. SOLAR TRACING SYSTEM WITH WATER PUMP.
66. WIND MILL OPERATED DRILLING MACHINE.
67. WIND MILL OPERATED CUTTING MACHINE.
68. INTELLIGENT COMBAT ROBOT.
69. LIGHT FINDER ROBOTIC VEHICLE.
70. LINE FOLLOWING ROBOT WITH FORK LIFT
71. MOBILE CONTROLLED ROBOT.
72. UNMANNED FIGHTER.
73. RENEWABLE ENERGY BASED WASHING MACHINE.
74. AGRI – CUTTER.
75. SOLAR SPRAYER.
76. PEDALOPERATED WASHING MACHINE.
77. SOLAR AIR HEATER.
78. GLASS CLEANING ROBOT.
79. WHITE BOARD CLEANING ROBOT.
80. WHEEL CHAIR CUM STRECTHER (REMOTE OPERATED).
81. SOLAR, PEDAL AND BATTERY OPERATED WASHING MACHINE.
82. PNEMATIC RAMMING MACHINE.
83. DUAL AXIS SOLAR TRACKING SYSTEM.
84. BIOGAS DIGESTOR.
85. 3 IN 1 POWER GENERATING MODEL (SOLAR, RAIN AND WIND).
86. SOLAR TRACKING SYSTEM WITH PANEL CLEANING MECHANISM.
87. HAPTIC ROBOTIC ARM.
88. MULTI-PURPOSE OR 3 IN 1 MECHANICAL MACHINE (DRILL,SHAPING AND HACKSAW).
89. ROBOTIC CRANE WITH UP/DOWN & CIRCULAR MOTION
90. BIOGAS FURNACE USING CORN COMB
91. PNEUMATIC DISC BRAKE
92. IMAGE PROCESSING BASED PC INSPECTION ROBOT
93. SOLAR OPERATED AUTOMATIC RAIN WIPER
94. AUTOMATED GREEN HOUSE MONITORING SYSTEM
95. MULTI OPERATIONAL AGRI ROBOT
96. VOICE OPERATED WHEEL CHAIR
97. EFFICIENT CAR PARKING SYSTEM FOR FOUR WHEELER
98. FABRICATION OF AUTOMATIC FOOT DUST CLEANING MACHINE
99. INTELLIGENT ROBOTIC WHEEL CHAIR FOR SPECAILITY WITH KEY OPERATIONS AND ADVANCED PATH PLANNING AND ROUTING SYSTEM
100. FABRICATION FIRE SENSING AND FIGHTING ROBOT

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