SHIELD TECHNOLOGIES
Leading Innovation

IEEE BASED ADVANCED EMBEDDED SYTEM   PROJECTS

SL NO	TITTLE
SH001	IMPLEMENTATION OF ELECTRONIC MEDICAL RECORD OF PATIENT MONITORING USING ANDROID APP.
SH002	DESIGN OF INTELLIGENT ELECTRONIC TOLL COLLECTION SYSTEM ON HIGHWAYS
SH003	PC BASED WEATHER MONITORING SYSTEM USING EMBEDDED TECHNOLOGY
SH004	FABRICATION OF SMART SOLAR POWER GENERATION WITH PANEL CLEANING TECHNOLOGY
SH005	FABRICATION OF SOLAR POWER PESTICIDE SPREYOR
SH006	FABRICATION OF IOT BASED SMART SOLAR FOR DOMESTIC PURPOSE
SH007	GSM BASED SUBSTATION MONITORING AND CONTROL SYSTEM USING MICROCONTROLLER
SH008	GUIDING THE FIRE FIGHTING ROBOT REMOTELY THROUGH AN ANDROID APPLICATION
SH009	RFID AUTHENTICATED PAID CAR PARKING SYSTEM
SH010	RASPBERRY PI BASED GLOBAL INDUSTRIAL PROCESS MONITORING THROUGH WIRELESS COMMUNICATION.
SH011	MONITORING AND MAINTENANCE OF HIGHWAY BRIDGES USING WIRELESS SENSORNETWORKS
SH012	A SURVEY BASED ON SMART HOMES SYSTEM USING INTERNET-OF-THINGS
SH013	RASPBERRY PI BASED GLOBAL INDUSTRIAL PROCESS MONITORING THROUGH WIRELESS COMMUNICATION.

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SH014	A LOW COST WEB BASED REMOTE MONITORING SYSTEM WITH BUILT-IN SECURITY FEATURE FOR VULNERABLE ENVIRONMENTS
SH015	VEHICLE ANTI-THEFT TRACKING SYSTEM BASED ON INTERNET OF THINGS
SH016	WIRELESS SENSOR NETWORK SYSTEM USING RASPBERRY PI AND ZIGBEE FOR ENVIRONMENTAL MONITORING APPLICATIONS
SH017	AN INTERNET OF THINGS APPROACH FOR MOTION DETECTION USING RASPBERRY PI
SH018	AUTOMATED WASTE SEGREGATOR
SH019	FULL AUTOMATION IN DRIVERLESS TRAINS: A MICROCONTROLLER-BASED PROTOTYPE
SH020	SMART HELMET USING GSM &GPS TECHNOLOGY FOR ACCIDENT DETECTION AND REPORTING SYSTEM
SH021	A NOVEL APPROACH FOR COMMUNICATION AMONG BLIND, DEAF AND DUMB PEOPLE
SH022	MISSILE DETECTION AND AUTOMATIC DESTROY SYSTEM
SH023	REAL-TIME ATOMIZATION OF AGRICULTURAL ENVIRONMENT FOR SOCIAL MODERNIZATION OF INDIAN AGRICULTURAL SYSTEM USING ARM 7
SH024	ARM AND GLCD BASED MICRO CONTROLLER CLOCK.
SH025	SMART HOME-CONTROL AND MONITORING SYSTEM USING SMART PHONE.
SH026	ARM BASED SMART POWER GENERATION AND MULTI PURPOSE OPTIMIZATION
SH027	INTERNET BASED HOME AUTOMATION SYSTEM USING ARM 7
SH028	GREENCHARGE: MANAGING RENEWABLE ENERGY IN SMART BUILDINGS
SH029	HAND GESTURE RECOGNITION BASED ROBOT USING ACCELEROMETER SENSOR
SH030	ARM AND RFID BASED SECURITY SYSTEM (HOME , OFFICE OR INDUSTRIAL
SH031	CHILD RESCUE SYSTEM AGAINST OPEN BORE-WELLS AT AGRICULTURAL FIELDS IN INDIA
SH032	REAL TIME DATA ACQUISITION SYSTEM USING ARM AND RTOS.

SH033	TEMPERATURE AND HUMIDITY CONTROL SYSTEM USING GRAPHICAL LCD AND ARM
SH034	IMPLEMENTING PERIPHERALS USING 32-BIT ARM MICROCONTROLLE
SH035	ARM BASED SMART POWER GENERATION AND MULTI PURPOSE OPTIMIZATION
SH036	REAL TIME DATA ACQUISITION SYSTEM USING ARM AND RTOS.
SH037	WIRELESS SENSOR NETWORK SYSTEM USING RASPBERRY PI AND ZIGBEE FOR ENVIRONMENTAL MONITORING APPLICATIONS

IEEE BASED AGRICULTURAL AND IRRIGATIONAL BASED PROJECTS

SL NO	TITTLE
STAI001	DESIGN AND FABRICATION OF SUGARCANE HARVESTER USING SAW CHAIN (SOLAR OPERATED
STAI002	FABRICATION OF ADVANCED 5 IN 1 MULTI PURPOSE AGRICULTURAL ROBOTIC VEHICLE (AGRIBOT)
STAI003	FABRICATION OF SOLAR IRRIGATION
STAI005	FABRICATION OF WHEEL CARRIED PESTI CIDE SPREYER
STAI007	FABRICATION OF MULTI PURPOSE TOOL DRIVEN MACHINE (DIGGING, PLOUGHING, LEVELING)
STAI008	FABRICATION OF AUTOMATIC SEED SOWING MACHINE
STAI009	FABRICATION OF SEED SOWING MULTI ROBOTS (SWORM ROBOTS)
STAI010	FABRICATION OF COCONUT TREE CLIMBING ROBOT
STAI11	FABRICATION OF REAL TIME MAIZE SEED SEPARATOR
STAI12	DEVELOPMENT OF PADDY HARVESTING MACHINE (RUBBER ROLERS)
STAI13	FABRICATION OF SOLAR SEED DRYER

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STAI14	FABRICATION OF HYDRAULIC 3 AXIS MODERN TRAILER
STAI15	WATER PUMPING SYSTEM USING WIND POWER
STAI16	FABRICATION OF SOLAR SEEDS SPRAYER
STAI17	SYSTEM FABRICATION OF REAL TIME ADVANCED 5 IN 1 MULTI PURPOSE AGRICULTURAL VEHICLE – AGRI VEHICLE

IEEE BASED MBEDDED KITS BASED ON VARIOUS MICROCONTROLLERS (ARMS / PIC / AVR / AURDINO)

SL NO	TITTLE
IA001	HIGH PROTECTION VOICE IDENTIFICATION BASED BANK LOCKER SECURITY SYSTEM WITH LIVE VIDEO TRANSMISSION
IA002	WIRELESS SENSOR NETWORKS – DENSITY BASED TRAFFIC CONTROLLER
IA003	EFFICIENT POWER GENERATION BASED ON SOLAR TRACKING SYSTEM WITH PANEL CLEANING MECHANISM AND MULTI PURPOSE OPTIMIZATION
IA004	AUTOMATED GREEN HOUSE STATUS MONITORING AND CONTROL SYSTE
IA005	DEVELOPMENT OF AUTO WIPER CONTROLLER ACCORDING TO RAIN FORCE
IA006	ALCOHOLIC BREATH ANALYSER AND TILT DETECTOR FOR VEHICLE SECURED IGNITION
IA007	DEVELOPMENT OF ELECTRONIC STICK FOR BLIND WITH PANIC BUTTON ALERT.
IA008	OUT-PATIENT TABLET TIME CARE SYSTEM WITH VOICE ANNOUNCEMENT
IA009	MICROCONTROLLER BASED BANK LOCKER SECURITY SYSTEM WITH VOICE REPORTING
IA010	DROWSINESS AND GASEOUS FUEL LEAK DETECTOR AND ALERTING SYSTEM

IA011	AUTOMATIC VEHICLE SPEED, HORN, AND BRAKE MANAGEMENT SYSTEM (WITH ANALYZER – OPTIONAL)
IA012	DESIGN & DEVELOPMENT OF SECURITY BASED VOTING SYSTEM FOR GOVERNMENT.
IA013	GAS LEAKAGE, THIEF AND FIRE DETECTOR & AUTO DIALING CONTROLLER SYSTEM.
IA014	INDUSTRIAL PROTECTION SYSTEM USING TEMPERATURE, SMOKE SENSORS AND LIGHT DEPENDENT RESISTOR
IA015	TOKEN NUMBER DISPLAY WITH VOICE IN SECURITY USING MICROCONTROLLER AT89C51.
IA016	BLACK BOX FOR VEHICALS/CAR – INTELLEGENT VEHICLE MONITORING SYSTEM.
IA017	REMOTE CONTROLLED JACK FOR CARS.
IA018	PASSENGER PRE-PAID METRO CARD SYSTEM.
IA019	DESIGN AND IMPLEMENTATION OF AN ADVANCED SECURITY SYSTEM - INVISIBLE EYE
IA020	AIRCRAFT BLACKBOX WITH AUTO INFORMATION TO THE BASE STATION
IA021	ADVANCED RTO SURVAILLANCE SYSTEM
IA022	KROTO FINDER
IA023	WIRELESS COMMUNICATION BASED DIGITAL NOTICE BOARD USING GRAPHICAL LCD
IA024	DEVELOPMENT OF WIRELESS SENSOR NETWAORK FOR HEALTH MONITORINGSYSTEM
IA025	CABLE TESTER FOR INDUSTRIES USING AVR
IA026	MEDIBLACK BOX
IA027	INDUSTRIAL AUTOMATION AND MONITORING SYSTEM (TEMPERATURE< VIBRATION< PRESSURE etc.)
IA028	AUTOMATED AMBULANCE GATES AT AMBULANCE AND TRAFFIC SIGNALS.
IA029	MICROCONTROLLER BASED HOME OR INDUSTRIAL AUTOMATION.
IA030	PAITENT MONITORING SYSTEM
IA031	TOKEN NUMBER DISPLAY WITH VOICE IN SECURITY USING MICROCONTROLLER AT89C51.

IA032	AN INTEGRATED NETWORK OF ROADSIDE SENSORS AND VEHICLES FOR DRIVING SAFETY: CONCEPT, DESIGN AND EXPERIMENTS
IA033	DENSITY BASED TRAFFIC LIGHT CONTROLLER
IA034	AUTOMATIC STREET LIGHT CONTROLLER WITH RTC
IA035	MICROCONTROLLER BASED SECURITY DOOR CONTROL SYSTEM FOR ATM WITH VOICE ANNOUNCEMENT
IA036	SMART PARKING SYSTEM
IA037	RESEARCH OF TRAFFIC SIGNAL LIGHT INTELLIGENT CONTROL SYSTEM BASED ON MICROCONTROLLER
IA038	INTELLIGENT HIGHWAY POLICE PATROLLING SYSTEM WITH SPEED SENSORS AND CAMERA FOR THE VEHICLES WHICH VIOLATES SPEED LIMITS.
IA039	ALIVE HUMAN BEING DETECTOR IN WAR FIELDS, AFFECTED AREAS USING WAP WITH MODEL AND CAMERA–PIR (PASSIVE INFRARED SENSORS) FOR RESCUE OPERATIONS WITH COMMUNICATION
IA040	UTILIZATION OF SOLAR ENERGY WITH TRACKING THE SUN USING STEPPER MOTOR AUTOMATICALLY
IA041	DESIGN & DEVELOPMENT OF SECURITY BASED VOTING SYSTEM FOR GOVERNMENT.
IA042	AUTOMATIC PLANT WATERING AND TANK LEVEL ALERTING SYSTEM.
IA043	AIRPORT AUTOMATION.
IA044	ALCOHOLIC ANALYZER AND TILT DETECTOR FOR VECHICLE SECURED IGNITION.
IA045	BELT CONVOYER WITH PICK AND PLACE AND DIGITAL.
IA046	COLD BLODD BANK STORAGE MANAGEMENT SYSTEM
IA047	DESIGNING A COMPLETE VECHICLE IMMOBILIZATION SYSTEM INTEGRATED WITH A PERSONALIZED ALERT MECHANISM.

ROBOTICS BASED ON IEEE TRANSACTIONS

SL NO	TITTLE
MR001	WALK AND TALK ROBOT
MR002	ROBOTIC SPEED BUMPS IN SWEDEN MAY BE THE ANSWER TO RECKLESS DRIVING
MR003	DEVELOPMENT OF DATA ACQUISITION ROBOT FOR TOXIC ENVIROMENTAL MONITORING USING WSN – KROTO FINDER
MR004	FABRICATION OF AUTOMATIC WASTE SEPERATION MODEL
MR005	A ROBOT THAT APPROACHES PEDESTRIANS
MR006	LIVE HUMAN DETECTING ROBOT FOR EARTHQUAKE RESCUE OPERATION USING GSM AND GPS.
MR007	SMART PHONE OPERATED MULTIPURPOSE AGRICULTURAL ROBOTIC VEHICLE – AGRIBOT
MR008	LOWER LIMB POWERED EXOSKELETON FOR PARAPLEGIC PEOPLE ASSISTING IN THEIR WALKING AUGMENTATION USING FLEX SENSOR AND ACCELEROMETER
MR009	DEVELOPMENT OF HAPTIC ROBOTIC ARM USING FLEX SENSOR AND ACCELEROMETER
MR010	PC CONTROLELD UNMANNED FIGHTER (WAR TANKER OR HELICOPTER)
MR011	HAPTIC ROBOTIC ARM
MR012	KROTO FINDER
MR013	WHITE BOARD CLEANING ROBOT
MR014	QUAD HELICOPTER
MR015	PC BASED SMALL UNIT UNMANNED VEHICLE FOR TODAY'S ARMY
MR016	CELL PHONE OPERATED LAND ROVER

MR017	LIGHT/LINE AND DTMF SIGNAL FOLLOWING INTELLEGENT ROBOT
MR018	AUTO GUIDED VEHICAL WITH MATERIAL HANDLING AND OBSTACLE DETECTION
MR019	CONTROLLING ROBOTIC ARM WITH ETHERNET
MR020	FLEX SENSOR OPERATED ROBOTIC ARM
MR021	STAIRCASE CLIMBING ROBOT
MR022	DESIGN AND IMPLEMENTATION OF PICK AND PLACE ROBOT USING VOICE & GESTURE RECOGNITION
MR023	ROPE CLIMBING ROBO WITH SURVAILLANCE CAPABILITY
MR024	OBSTACLE AVOIDANCE ROBOTIC VEHICLE
MR025	EMBEDDED INTELLIGENT CAPABILITY OF A MODULAR ROBOTIC SYSTEM
MR026	FIRE EXTINGUISING OR FIRE FIGHTING ROBOTIC VEHICLE WITH RF TECHNOLOGY
MR027	MULTIPLE INTERFACE SECURITY ROBOT
MR028	DEVELOPMENT OF AUTOMATIC WASTE SEGREGGATOR
MR029	AUTOMATIC VOICE ANNOUNCEMENT BASED ROBOT FIRE ANALYSIS SYSTEM
MR030	ROBOTIC ARM CONTROL THROUGH INTERNET OR LAN FOR PATIENT SURGERY
MR031	WHEEL CHAIR FOR DISABLED PERSON USING ROBOT
MR032	IVRS SYSTEM BASED MOBILE CONTROLLING ROBOT
MR033	SPY ROBOT WITH BOMB DETECTION AND IMAGE MONITORING
MR034	INDUSTRIAL HAZARDOUS GAS LEAKAGE DETECTION AND INFORMATION SYSTEM USING INTELLIGENT ROBOT
MR035	3 - AXIS CONTROLLED ROBOT
MR036	IMAGE / VIDEO CAPTURING AND PC TELECASTING ROB
MR037	SOLAR OPERATED ROBOT
MR038	DESIGN AND DEVELOPMENT OF OBSTACLE SENSING AND OBJECT GUIDING ROBOT

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MR039	PIPE INSPECTION ROBOT
MR040	INTELLIGENT LINE FOLLOWER ROBOT FOR INDUSTRIAL PURPOSE
MR041	ROBITIC PICK AND PLACE WITH DIGITAL COUNTER
MR042	BLUE TOOTH CONTROLLED ROBOT
MR043	ROBOTIC ARM CONTROL THROUGH INTERNET/LAN FOR PATIENT OPERATION WITH ONE OPERATING TOOL.

IOT – INTERNET OF THINGS IEEE TRANSACTION
(WIFI / LIFI BASED PROJECT TITLES)

SL NO	TITTLE
HP001	LIFI COMMUNICATION OF TEXT, AUDIO AND IMAGE
HP002	LIFI BASED PAITENT MONITORING SYSTEM
HP003	A NON-INVASIVE REMOTE HEALTH MONITORING SYSTEM USING VISIBLE LIGHT COMMUNICATION
HP004	AN INTERNET OF THINGS APPROACH FOR MOTION DETECTION USING RASPBERRY PI
HP005	A LOW COST WEB BASED REMOTE MONITORING SYSTEM WITH BUILT-IN SECURITY FEATURE FOR VULNERABLE ENVIRONMENTS
HP006	A RECONFIGURABLE SMART SENSOR INTERFACE FOR INDUSTRIAL WSN AND HUMAN HEALTH MONITORING IN IOT ENVIRONMENT
HP007	A RECONFIGURABLE SMART SENSOR INTERFACE FOR INDUSTRIAL WSN AND HUMAN HEALTH MONITORING IN IOT ENVIRONMENT
HP008	DESIGN OF A WSN PLATFORM FOR LONG-TERM ENVIRONMENTAL MONITORING FOR IOT APPLICATIONS

HP009	DESIGN OF A WSN PLATFORM FOR LONG-TERM ENVIRONMENTAL MONITORING FOR IOT APPLICATIONS
HP010	WIRELESS SYSTEM FOR MONITORING AND REAL-TIME CLASSIFICATION OF FUNCTIONAL ACTIVITY
HP011	WIFI FOR VEHICULAR COMMUNICATION SYSTEMS
HP012	WIFI BASED HOME AUTOMATION
HP013	WIFI BASED INDUSTRIAL AUTOMATION
HP014	WIFI BASED PAITENT MONITORING SYSTEM
HP015	WIFI BASED GREEN HOUSE MONITORING AND CONTROLLING SYSTEM
HP016	WIFI BASED INDUSTRIAL MONITORING AND CONTROLLING SYSTEM
HP017	LIFI BASED PAITENT MONITORING SYSTEM
HP018	LIFI BASED GREEN HOUSE MONITORING SYSTEM
HP019	LIFI BASED INDUSTRIAL MONITORING SYSTEM
HP020	WIFI OPERATED MOBILE ROBOT FOR MULTIPURPOSE UTILIZATION

GSM BASED PROJECT TITLE

SL NO	TITTLE
CM001	GSM BASED HEALTH CARE SYSTEM WITH HEART BEAT, GLUCOSE, TEMPERATURE MONITORING.
CM002	GSM BASED SECURITY SYSTEM WITH GAS LEAKAGE IDENTIFICATION AND THEFT CONTROLING
CM003	GREEN HOUSE MONITORING SYSTEM.
CM004	GSM BASED WIRELESS NOTICE BOARD
CM005	MEDIBLACK BOX.

CM006	SMS BASED DEVICE CONTROL USING GSM MODEM (LIGHT, FAN,MOTOR etc…)
CM007	GAPS VEHICLE THEFT IDENTIFICATION AND TRACKING AND CONTROL SYSTEM
CM008	GSM BASED WIRELESS HOME APPLIANCES MONITORING & CONTROL SYSTEM (LIGHT, FAN, MOTOR etc
CM009	HIGHWAY VEHICLE TRAFFIC MONITOR USING GSM
CM010	HOME SECURITY SYSTEM WITH AUTO DIALING (MISSED CALL OR SMS ALERT USING GSM MODEM)
CM011	AUTOMATED GSM BASED ELECTRICITY BILLING AND CUT OFF SYSTEM.
CM012	DATA TRANSFER FOR ADVERTISEMENT DISPLAY OR NOTICE BOARD USING GSM.
CM013	MULTI PURPOSE SECURITY SYSTEM USING GSM
CM014	INTELLIGENT RF SECURITY SYSTEM FOR BANKS WITH GSM MODEM & SENSORS.
CM015	REMOTE BILLING OF ENERGY METER OR WATER METER USING GSM MODEM
CM016	TRACKING GOT-STAMP PAPER AND AUTOMATION USING GSM MODEM
CM017	REAL ECG MACHINE FOR DOCTORS WITH DATA TRANSMISSION THROUGH GSM MODEM
CM018	DATA ACQUISITION SYSTEM WITH GSM MODEM.
CM019	SMS BASED WEATHER REPORTING.
CM020	GSM BASED BORDER SECURITY SYSTEM
CM021	GSM BASED COMPLETE IRRIGATION SOLUTION.
CM021	RAILWAY SECURITY MANAGEMENT SYSTEM (BRIDGE VIBRATION DETECTION) BASED ON GSM.
CM022	INDUSTRIAL MONITOR THROUGH GSM NETWORKS
CM023	SHORT MESSAGING SYSTEM BASED VOTING SYSTEM USING GSM
CM024	ENHANCING MINE SAFETY WITH WIRELESS SENSOR NETWORKS USING ZIGBEE TECHNOLOGY

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WIRELESS BASED PROJECT TITLES

SL NO	TITTLE
STW001	WIRELESS COMMUNICATION FOR FIRE DETECTION SYSTEMS IN COMMERCIAL AREAS INDUSTRIAL AND HOME
STW002	INVOLUNTARY STATION NAME DISPLAY WITH VOICE ATTENTIVE SYSTEM FOR TRAIN
STW003	WIRELESS ELECTRONIC VOTING MACHINE
STW004	ADVANCED AUTOIMATIC INTELLIGENT TRAIN ENGINE SYSTEM
STW005	INDUSTRIAL SECURED TIDY SMOKE DETECTION AND ALARM SYSTEM THROUGH WIRELESS
STW006	WIRELESS TSUNAMI WARNING ALARM FOR PEOPLE SECURITY
STW007	VEHICLE ACCIDENT PREVENTION USING EYE BLINK SENSOR USING WIRELESS COMMUNICATION
STW008	AUTOMATIC VEHICLE OVER SPEED CONTROLLING SYSTEM FOR SCHOOL ZONE AND HORN CONTROLLER FOR HOSPITAL ZONE.
STW009	AUTOMATED RAILWAY GATE LEVEL CROSSING SCRUTINIZE AND CONTROL SYSTEM
STW010	WIRELESS BUS STOP INFORMATION PROVIDER SYSTEM FOR PASSENGERS AND STATION ANNOUNCEMENTS.
STW011	FACILITATE TRAFFIC SIGNAL IDENTIFICATION FOR BLIND PEOPLE

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SMART CARD / RFID BASED PROJECT TITLE

SL NO	TITTLE	
RF001	RFID BASED TRAIN IDENTIFICATION AND RAILWAY CROSSING SYSTEM	
RF002	AUTOMATIC ACCIDENT IDENTIFICATION, DETECTION VIA VIBRATION SENSORS USING RF TECHNOLOGY	
RF003	RFID BASED FILE TRACING SYSTEM FOR BIG GOVERNMENT ORGANIZATIONS.	
RF004	RFID BASED ATTENDANCE CARD SYSTEM	
RF005	LUGGAGE TRACKING SYSTEM USING RFID	
RF006	AUTOMATED AND UNMANNED VEHICLE TOLL COLLECTION / PARKING SYSTEM USING RFID TECHNOLOGY	
RF007	RFID BASED HUMAN / VEHICLE DETECTION AND MONITORING SYSTEM	
RF008	RFID BASED VEHICLE IDENTIFICATION AND SPEED MEASUREMENT	
RF009	PC BASED DOOR ACCESS AND ATTENDANCE LOGGER USING RFID	
RF010	ROUTING, GUIDING, OBSTACLE DETECTING AND CONTROLLING OF VEHICLE USING ACTIVE RFID TECHNOLOGY	
RF011	RFID BASED EMPLOYEE DATABASE MANAGEMENT USING RTC	
RF012	RFID BASED BLIND MAN STICK	
RF013	RFID BASED EVENT TRACKING SYSTEM FOR SPORTS	
RF014	STUDENT ATTENDANCE SYSTEM USING RFID TECHNOLOGY & VB.NET	
RF015	PREPAID ENERGY METER USING RFID.	
RF016	PREPAID CARD FOR BROWSING CENTER USING RFID.	
RF017	PREPAID CARD FOR PETROL BUNK.	

RF018	AUTOMATIC CAR PARKING SYSTEM.	
RF019	DOOR OPENING AND CLOSING SYSTEM WITH SECURITY USING RFID.	
RF020	VOTER CREDENTIALS AND AUTHENTICATION SYSTEM USING RFID TECHNOLOGY	
RF021	THEFT IDENTIFICATION SYSTEM FOR SUPERMARKETS USING RFID	
RF021	METRO TRAIN (TICKET ANALYZER)	
RF022	PREPAID CARD FOR PETROL BUNK.	

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BIO METRICS / BIO MEDICAL BASED PROJECT TITLES

SL NO	TITTLE
STAE001	FINGER PRINT PREDICTION ENABLED PASSPORT AUTHENTICATION SYSTEM
STAE002	INVOLUNTARY,BIOMETRIC DOOR ACCESS CONTROL AND ATTENDANCE MAINTENANCE SYSTEM

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STAE003	HIGH PROTECTION SECURITY SYSTEM WITH BIOMETRIC AND VIDEO TRANSMISSION
STAE004	BIO METRIC RECOGNITION SYSTEM BASED DIGITAL VOTING MACHINE
STAE005	ELECTRONIC LIBRARY MANAGEMENT SYSTEM USING FINGER PRINT SENSOR
STAE006	PATIENT MEDICAL INFORMATION SYSTEM USING FINGER PRINT
STAE007	FINGER PRINT PREDICTION ENABLED PASSPORT AUTHENTICATION SYSTEM
STAE008	INVOLUNTARY,BIOMETRIC DOOR ACCESS CONTROL AND ATTENDANCE MAINTENANCE SYSTEM
STAE009	IVRS BASED AUTOMATIC TELLER MACHINE TRANSACTION SYSTEM WITH THE HELP OF RFID TECHNOLOGY FOR BLIND PEOPLE WITH BIOMETRIC AUTHENTICATION
STAE010	HIGH PROTECTION ATM SYSTEM WITH FINGER PRINT IDENTIFICATION TECHNOLOGY WITH IMAGE RECORD AND GSM
STAE011	MEMS BASED PC COMMANDS USING HAND SIGNALS

GPS BASED PROJECT TITLES

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SL NO	TITTLE
STG001	OFFLINE MONITORING OF ADVERTISEMENT WORDINGS USING GSM AND GPS WITH LASER SECURITY SYSTEM
STG002	GPS MAP USING REAL GPS RECEIVER WITH LICENSE FOR DEFENSE
STG003	SOLDIER TRACKING SYSTEM USING GPS AND GSM MODEM
STG004	GSM BASED ON LINE TOLL FEE PAYMENT SYSTEM
STG005	ON LINE VEHICLE ACCIDENT REPORTER (GSM AND GPS)
STG006	GPS BASED STATION ANNOUNCEMENT SYSTEM FOR RAILWAY NETWORKS GPS BASED ON-LINE VEHICLE TRACKING SYSTEM
STG007	ANTI-COLLISION SYSTEM IN RAILWAY USING GSM AND GPS
STG008	WEB BASED VEHICLE REMOTE CONTROL USING GSM/GPRS I.E..VERY ADVANCED SYSTEM FOR DEVELOPMENT USING MICRO CONTROLLER AND GPRS TECHNOLOGY.
STG009	ACCIDENT IDENTIFICATION USING GPS AND SEND SMS THROUGH GSM TO A MOBILE
STG010	LIVE HUMAN DETECTION AND TRACKING USING GPS AND SEND SMS THROUGH GSM TO A MOBILE

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MEDICAL ELECTRONICS / BIO MEDICAL

SL NO	TITTLE
STAB001	FABRICATION OF BIOMETRIC AUTOMATED PILL DISPENSER
STAB002	A WIRELESS ELECTROCARDIOGRAM DETECTION FOR PERSONAL HEALTH MONITORING
STAB003	THE DEVELOPMENT OF A BLOOD LEAKAGE MONITORING SYSTEM FOR THE APPLICATIONS IN HEMODIALYSIS THERAPY
STAB004	MICROCONTROLLER BASED BABY INCUBATOR USING SENSORS

STAB005	SMART INSOLE: A WEARABLE SYSTEM FOR GAIT ANALYSIS
STAB006	VIRTUAL SPIROMETRY FOR RESPIRATORY FUNCTION TESTING FOR PATIENT
STAB007	A NON-INVASIVE REMOTE HEALTH MONITORING SYSTEM USING VISIBLE LIGHT COMMUNICATION
STAB008	SYSTOLIC BLOOD PRESSURE ESTIMATION USING ANDROID SMART PHONE
STAB009	COMPLETE BLOOD CHECK USING IMAGE PROCESSING
STAB010	AUTOMATIC CLASSIFICATION OF INTRACARDIAC MASSES IN ECHO CARDIOGRAPH BASED ON SPARSE REPRESENTATION

ELECTRICALS AND ELECTRONICS (EEE)

SL NO	TITTLE
EL001	TRANSMISSION LINE MULTIPLE FAULTS DETECTION AND INDICATION TO ELECTRICITY BOARD
EL002	TRANSMISSION LINE FAULTS CLASSIFICATION USING WAVELET/FFT TRANSFORM
EL003	A BUCK-BOOST INTEGRATED FULL BRIDGE INVERTER FOR SOLAR PHOTOVOLTAIC BASED STANDALONE SYSTEM
EL004	WSN BASED DATA ACQUISITION SYSTEM FOR MULTIPLE FAULTS MONITORING AND CONTROLLING SYSTE
EL005	IMPLEMENTATION OF A WEB OF THINGS BASED SMART GRIDTO REMOTELY MONITOR AND CONTROL RENEWABLE ENERGY SOURCEST

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EL006	DEVELOPMENT OF EFFICIENT POWER GENERATION USING AUTOMATED RENWABLE SOURCES AND AUTOMATING STREET LIGHTS ACCORDING TO TRAFFIC DENSITY	
EL007	DESIGN AND IMPLEMENTATION OF AN ADVANCED SECURITY SYSTEM - INVISIBLE EYE (POWER SAVING SYSTEM)	
EL008	ANDROID BASED DEVICE CONTROL – HOME OR OFFICE AUTOMATION	
EL009	ETHERNET OR IOT BASED DEVICE CONTROL SYSTEM	
EL010	FOOT STEP BASED POWER GENERATION AND MULTI PURPOSE OPTIMIZATION	
EL011	UNIVERSAL ELECTRICAL POWER GENERATION AND MULTIPURPOSE OPTIMIZATION – SOLAR, WIND AND RAIN	
EL012	SOLAR TRACKING SYSTEM WITH AUTOMATIC PANEL CLEANING MECHANISM FOR EFFICIENT POWER GENERATION	
EL013	ELECTRICAL SUBSTATION SCRUTINIZEING AND CONTROLLING DEVICE FROM REMOTE AREA	
EL014	WIRELESS POWER TRANSMISSION	
EL015	ANDROID MEETS LED BULBS IN SMART-HOME AUTOMATION.	
EL016	TRANSFORMER INUSTRIAL PARAMETERS MANAGEMENT CONTROL SYSTEM AND INTIMATION TO ELECTRICITY BOARD	
EL017	REALIZATION OF PREPAID BILL MANAGEMENT SYSTEM FOR ELECTRICITY BOARD	
EL018	VOICE OPERATED INDUCTION MOTOR SPEED CONTROL THROUGH RF COMMUNICATION	
EL019	ONLINE SPEED CONTROL OF DC MOTOR WITH HIGH SPEED NETWORK	
EL020	TALKING ENERGY METER	
EL021	MICRO CONTROLLER BASED INTELLIGENT MULTI TIMER SYSTEM FOR INDUSTRIAL AUTOMATION.	
EL021	ENERGY SCRUTING SYSTEM WITH AUTO LOAD	
EL022	SMART CARD BASED PREPAID ELECTRICITY BILLING	
EL023	AUTO DIGITAL-SPEED INDICATOR WITH SPEED CONTROL	

EL024	AUTOMATIC DC MOTOR SPEED CONTROL WITH AUTOMATIC FEEDBACK VIA SMS USING PWM TECHNOLOGY	TALKING ENER
EL025	GSM AND PIR SENSOR BASED LIGHT CONTROLLER AND NETWORKED SAFETY SYSTEM.	MICRO CONTRO FOR INDUSTRIA
EL026	ELECTRIC FIELD AND ULTRASONIC SENSOR BASED SECURITY SYSTEM	ENERGY SCRUT
EL027	MOBILE CONTROLLED DC MOTOR SPEED CONTROLLER.	SMART CARD E
EL028	PRE PAID POWER ENERGY METER.	AUTO DIGITAL
EL029	REAL TIME LOAD SHEDDING FOR POWER LINES.	TALKING ENER
EL030	A NOVEL OPTIMUM POINT TRACKER OF THE SOLAR CELL POWER SYPPLY SYSTEM.	MICRO CONTRO FOR INDUSTRIA

ZIGBEE BASED PROJECT TITLES

SL NO	TITTLE
STZ001	REMOTE MONITORING OF CAR ENGINE USING CAN AND ZIGBEE PROTOCOLS
SZ002	SOLAR POWER - ZIGBEE BASED WATER PUMP CONTROL FOR FARMERS WITH SECURITY
STZ003	ZIGBEE BASED INTELLIGENT RF SECURITY SYSTEM FOR CARS WITH LCD
STZ004	ROBOTIC ARM BASED VEHICLE WITH FOUR WHEEL DRIVE FOR SPECIFIC OPERATION WITH VARIABLE SPEED CONTROL, CONTROLLING THE ROBOTIC ARM AND THE VEHICLE THROUGH ZIGBEE.
STZ005	KROTO FINDER
STZ006	REMOTE-CONTROLLABLE AND ENERGY-SAVING ROOM ARCHITECTURE BASED ON ZIGBEE COMMUNICATION
STZ007	ZIGBEE DEVICE ACCESS CONTROL & RELIABLE DATA TRANSMISSION IN ZIGBEE BASED HEALTH MONITORING SYSTEM

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STZ008	REMOTE POWER ON/OFF CONTROL & CURRENT MEASURNT FOR HOME ELECTRIC OUTLETS BASED ON A LOW POWER EMBEDDED BOARD & ZIGBEE COMMUNICATION
STZ009	DEVELOPMENT OF AUTOMATED TOLLING SYSTEM FOR VECHILE.
STZ010	REMOTE MONITORING OF CAR ENGINE USING CAN AND ZIGBEE PROTOCOLS
STZ011	DEVELOPMENT OF AUTOMATED TOLLING SYSTEM FOR VECHILE.

ANDROID BASED PROJECTS

SL NO	TITTLE
STA001	ANDROID MEETS LED BULBS IN SMART-HOME AUTOMATION.
STA002	GREEN HOUSE MONITORING AND CONTROL USING SMART PHONES
STA003	ANDROID BASED DEVICE CONTROL .
STA004	ANDROID BASED HOME AUTOMATION.
STA005	DEVELOPMENT AND CONTROLLING OF 5 IN 1 MULTIPURPOSE AGRICULTURAL ROBOT USING SMART PHONES
STA006	ANDROID CONTROLLED PICK AND PLACE MOBILE ROBOT.
STA007	LPG GAS MONITORING AND BOOKING USING SMART PHONE
STA008	DEVELOPMENT OF PAITENT MONITORING SYSTEM USING SMART PHONE
STA009	INDUSTRIAL MONITORING AND CONTROL SYSTEM USING ANDOID APPLICATION.
STA010	SPEECH BASED CONTROL & ALERT SYSTEM FOR SENIOR CITIZENS USING ANDROID MOBILE
STA011	DEVELOPMENT OF AUTOMATED TOLLING SYSTEM FOR VECHILE.

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STA012	AN ANDROID BASED APPLICATION FOR EMERGENCY HELPING
STA013	SMART PHONE CONTROLLED ANDROID ROBOT WITH LIVE VIDEO TRANSMISSION
STA014	ANDROID SPEECH RECOGNITION BASED VOICE COMMAND NOTICE BOARD
STA015	DEVELOPMENT OF WSN BASED WATER LEVEL MONITORING AND CONTROL SYSTEM USING ANDROID
STA016	ANDROID BASED ANTENNA POSITIONING SYSTEM.
STA017	ANDROID BASED PAITENT MONITORING SYSTEM
STA018	ANDROID OPERATED ADVANCED WHEEL CHAIR CUM STRETCHER
STA019	SMART PHONE OPERATED MOBILE ROBOT FOR MULTIPURPOSE PICK AND PLACE OPERATIONS

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