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2017

EMBEDDED PROJECT LIST 2016 -2017

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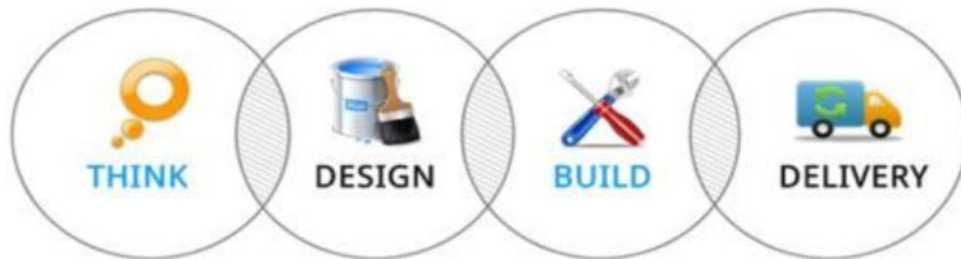
TECHNOFIST a leading student's project solution providing company established in Bangalore since 2007. With perfect infrastructure, lab set up, Work shop, Expertise faculties make us competitive service providers.

Here is the list of project titles 2016 and 2017.

DOORS OF TECHNOLOGY:

- EMBEDDED SYSTEMS
- MICROCONTROLLERS / ARM /PIC / AVR
- WIRELESS TECHNOLOGIES
- ROBOTICS
- ARDUINO
- GSM & GPS/ ZIGBEE
- MATLAB / VLSI

- IEEE PROJECTS ON JAVA / DOT NET
- INTERNET OF THINGS
- ANDROID BASED PROJECTS
- PHP
- AND COMPLETE MECHANICAL FABRICATIONS
- MECHANICAL DESIGN AND ANALYSIS

Projects are available for all branches of ENGINEERING, DIPLOMA, MCA/BCA, and MSc/BSc.

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PROJECT LIST

EMBEDDED PROJECTS

- IEEE 2016 PROJECT TITLES ON EMBEDDED SYSTEMS
- EMBEDDED KITS – MICROCONTROLLERS / ARM / PIC / AVR / AURDINO
- IEEE TRANSACTIONS ON ROBOTICS
- IEEE TRANSACTIONS ON GSM
- WIRELESS BASED PROJECTS
- BIO MEDICAL / MEDICAL ELECTRONICS BASED PROJECTS
- EEE – ELECTRICAL AND ELECTRINICS BASED PROJECTS
- TELECOMMUNICATION BASED PROJECTS
- INTERNET OF THINGS BASED PROJECTS
- GSM AND GPS BASED PROJECTS
- MATLAB
- VLSI

IEEE EMBEDDED PROJECT LIST 2016 AND 2017

	2016 EMBEDDED SYSTEM BASED PROJECT TITLES
TE001	RASPBERRY PI BASED GLOBAL INDUSTRIAL PROCESS MONITORING THROUGH WIRELESS COMMUNICATION.
TE002	MONITORING AND MAINTENANCE OF HIGHWAY BRIDGES USING WIRELESS SENSORNETWORKS
TE003	A SURVEY BASED ON SMART HOMES SYSTEM USING INTERNET-OF-THINGS
TE004	RASPBERRY PI BASED GLOBAL INDUSTRIAL PROCESS MONITORING THROUGH WIRELESS COMMUNICATION
TE005	A LOW COST WEB BASED REMOTE MONITORING SYSTEM WITH BUILT-IN SECURITY FEATURE FOR VULNERABLE ENVIRONMENTS
TE006	VEHICLE ANTI-THEFT TRACKING SYSTEM BASED ON INTERNET OF THINGS
TE007	WIRELESS SENSOR NETWORK SYSTEM USING RASPBERRY PI AND ZIGBEE FOR ENVIRONMENTAL MONITORING APPLICATIONS
TE008	AN INTERNET OF THINGS APPROACH FOR MOTION DETECTION USING RASPBERRY PI
TE009	AUTOMATED WASTE SEGREGATOR
TE010	FULL AUTOMATION IN DRIVERLESS TRAINS: A MICROCONTROLLER-BASED PROTOTYPE
TE011	SMART HELMET USING GSM &GPS TECHNOLOGY FOR ACCIDENT DETECTION AND REPORTING SYSTEM
TE012	A NOVEL APPROACH FOR COMMUNICATION AMONG BLIND, DEAF AND DUMB PEOPLE
TE013	MISSILE DETECTION AND AUTOMATIC DESTROY SYSTEM
TE014	REAL-TIME ATOMIZATION OF AGRICULTURAL ENVIRONMENT FOR SOCIAL MODERNIZATION OF INDIAN AGRICULTURAL SYSTEM USING ARM 7
TE015	DESIGNING AND MODELING OF VOICE CONTROLLED WHEEL CHAIR INCORPORATED WITH HOME AUTOMATION
TE016	CHILD RESCUE SYSTEM AGAINST OPEN BORE-WELLS AT AGRICULTURAL FIELDS IN INDIA
TE017	REAL TIME DATA ACQUISITION SYSTEM USING ARM AND RTOS.
TE018	TEMPERATURE AND HUMIDITY CONTROL SYSTEM USING GRAPHICAL LCD AND ARM

TE019	IMPLEMENTING PERIPHERALS USING 32-BIT ARM MICROCONTROLLE
TE020	ARM AND RFID BASED SECURITY SYSTEM (HOME , OFFICE OR INDUSTRIAL
TE021	HAND GESTURE RECOGNITION BASED ROBOT USING ACCELEROMETER SENSO
TE022	GREENCHARGE: MANAGING RENEWABLE ENERGY IN SMART BUILDINGS
TE023	SMART HOME-CONTROL AND MONITORING SYSTEM USING SMART PHONE
TE024	ARM BASED SMART POWER GENERATION AND MULTI PURPOSE OPTIMIZATION
TE025	INTERNET BASED HOME AUTOMATION SYSTEM USING ARM 7
TE026	ETHERNET CONTROLLER FOR HOME APPLIANCE USING INTERNET.
TE027	ARM BASED REMOTE TEMPERATURE CONTROLLER WITH ETHERNET.
TE028	DIGITAL RECEIPT SYSTEM (ARM+ETHERNET).
TE029	CHECK POINT ACESS CONTROL USING ARM+ETHERNET+RFID.
TE030	TALKING THERMOMETER FOR VISUALLY IMPAIRED.
TE031	ARM AND GLCD BASED MICRO CONTROLLER CLOCK.
TE032	ARM+ETHERNET CONTROLLED TEMPERATURE REGULATOR USED TO CONTROL THE DEVICE.

	2016 EMBEDDED KITS BASED ON MICROCONTROLLERS / ARMS / PIC / AVR / AURDINO
TAA001	HIGH PROTECTION VOICE IDENTIFICATION BASED BANK LOCKER SECURITY SYSTEM WITH LIVE VIDEO TRANSMISSION
TAA002	WIRELESS SENSOR NETWORKS – DENSITY BASED TRAFFIC CONTROLLER
TAA003	EFFICIENT POWER GENERATION BASED ON SOLAR TRACKING SYSTEM WITH PANEL CLEANING MECHANISM AND MULTI PURPOSE OPTIMIZATION
TAA004	AUTOMATED GREEN HOUSE STATUS MONITORING AND CONTROL SYSTE
TAA005	DEVELOPMENT OF AUTO WIPER CONTROLLER ACCORDING TO RAIN FORCE
TAA006	ALCOHOLIC BREATH ANALYSER AND TILT DETECTOR FOR VEHICLE SECURED IGNITION
TAA007	DEVELOPMENT OF ELECTRONIC STICK FOR BLIND WITH PANIC BUTTON ALERT.
TAA008	DEVELOPMENT OF ELECTRONIC STICK FOR BLIND WITH PANIC BUTTON ALERT.
TAA009	A NOVEL OPTIMUM POINT TRACKER OF THE SOLAR CELL POWER SUPPLY SYSTEM
TAA010	INTELEGENT AGRICULTURE SYSTEM WITH WEATHER MONITORING
TAA011	RFID BASED TRAIN IDENTIFICATION, DETECTION AND UNMANNED RAILWAY CROSSING SYSTEM
TAA012	OUT-PATIENT TABLET TIME CARE SYSTEM WITH VOICE ANNOUNCEMENT
TAA013	MICROCONTROLLER BASED BANK LOCKER SECURITY SYSTEM WITH VOICE REPORTING
TAA014	DROWSINESS AND GASEOUS FUEL LEAK DETECTOR AND ALERTING SYSTEM
TAA015	AUTOMATIC VEHICLE SPEED, HORN, AND BRAKE MANAGEMENT SYSTEM (WITH ANALYZER – OPTIONAL)
TAA016	DESIGN & DEVELOPMENT OF SECURITY BASED VOTING SYSTEM FOR GOVERNMENT.
TAA017	GAS LEAKAGE, THIEF AND FIRE DETECTOR & AUTO DIALING CONTROLLER SYSTEM.
TAA018	INDUSTRIAL PROTECTION SYSTEM USING TEMPERATURE, SMOKE SENSORS AND LIGHT

	DEPENDENT RESISTOR
TAA019	TOKEN NUMBER DISPLAY WITH VOICE IN SECURITY USING MICROCONTROLLER AT89C51.
TAA020	BLACK BOX FOR VEHICALS/CAR – INTELLEGENT VEHICLE MONITORING SYSTEM.
TAA021	REMOTE CONTROLLED JACK FOR CARS.
TAA022	PASSENGER PRE-PAID METRO CARD SYSTEM.
TAA023	DESIGN AND IMPLEMENTATION OF AN ADVANCED SECURITY SYSTEM -INVISIBLE EYE
TAA024	AIRCRAFT BLACKBOX WITH AUTO INFORMATION TO THE BASE STATION
TAA025	ADVANCED RTO SURVAILLANCE SYSTEM
TAA026	KROTO FINDER
TAA027	WIRELESS COMMUNICATION BASED DIGITAL NOTICE BOARD USING GRAPHICAL LCD
TAA028	DEVELOPMENT OF WIRELESS SENSOR NETWAORK FOR HEALTH MONITORINGSYSTEM
TAA029	CABLE TESTER FOR INDUSTRIES USING AVR
TAA030	MEDIBLACK BOX
TAA031	INDUSTRIAL AUTOMATION AND MONITORING SYSTEM (TEMPERATURE< VIBRATION< PRESSURE etc.)
TAA032	AUTOMATED AMBULANCE GATES AT AMBULANCE AND TRAFFIC SIGNALS.
TAA033	MICROCONTROLLER BASED HOME OR INDUSTRIAL AUTOMATION.
TAA034	PAITENT MONITORING SYSTEM
TAA035	AN INTEGRATED NETWORK OF ROADSIDE SENSORS AND VEHICLES FOR DRIVING SAFETY: CONCEPT, DESIGN AND EXPERIMENTS
TAA036	DENSITY BASED TRAFFIC LIGHT CONTROLLER
TAA037	AUTOMATIC STREET LIGHT CONTROLLER WITH RTC
TAA038	MICROCONTROLLER BASED SECURITY DOOR CONTROL SYSTEM FOR ATM WITH VOICE ANNOUNCEMENT
TAA039	SMART PARKING SYSTEM
TAA040	RESEARCH OF TRAFFIC SIGNAL LIGHT INTELLIGENT CONTROL SYSTEM BASED ON MICROCONTROLLER
TAA041	INTELLIGENT HIGHWAY POLICE PATROLLING SYSTEM WITH SPEED SENSORS AND CAMERA FOR THE VEHICLES WHICH VIOLATES SPEED LIMITS.
TAA042	ALIVE HUMAN BEING DETECTOR IN WAR FIELDS, AFFECTED AREAS USING WAP WITH MODEL AND CAMERA–PIR (PASSIVE INFRARED SENSORS) FOR RESCUE OPERATIONS WITH COMMUNICATION
TAA043	UTILIZATION OF SOLAR ENERGY WITH TRACKING THE SUN USING STEPPER MOTOR AUTOMATICALLY
TAA044	DESIGN & DEVELOPMENT OF SECURITY BASED VOTING SYSTEM FOR GOVERNMENT.
TAA045	ROOM LIGHT AND FAN CONTROLLER WITH VISITOR's COUNTER.
TAA046	MICROCONTROLLER BASED AERONAUTICAL CRASH PREVENTION SYSTEM THROUGH RF COMMUNICATION
TAA047	AUTOMATIC PLANT WATERING AND TANK LEVEL ALERTING SYSTEM.
TAA048	AIRPORT AUTOMATION.
TAA049	ALCOHOLIC ANALYZER AND TILT DETECTOR FOR VECHICLE SECURED IGNITION.

TAA050	BELT CONVOYER WITH PICK AND PLACE AND DIGITAL.
TAA051	COLD BLODD BANK STORAGE MANAGEMENT SYSTEM
TAA052	DESIGNING A COMPLETE VECHICLE IMMOBILIZATION SYSTEM INTEGRATED WITH A PERSONALIZED ALERT MECHANISM.

	2016 IEEE TRANCATIONS ON ROBOTICS
TT001	DESIGN AND IMPLEMENTATION OF PICK AND PLACE ROBOT USING VOICE & GESTURE RECOGNITION
TT002	ROBOTIC SPEED BUMPS IN SWEDEN MAY BE THE ANSWER TO RECKLESS DRIVING
TT003	DEVELOPMENT OF DATA ACQUISITION ROBOT FOR TOXIC ENVIROMENTAL MONITORING USING WSN – KROTO FINDER
TT004	FABRICATION OF AUTOMATIC WASTE SEPERATION MODEL
TT005	A ROBOT THAT APPROACHES PEDESTRIANS
TT006	LIVE HUMAN DETECTING ROBOT FOR EARTHQUAKE RESCUE OPERATION USING GSM AND GPS.
TT007	SMART PHONE OPERATED MULTIPURPOSE AGRICULTURAL ROBOTIC VEHICLE – AGRIBOT
TT008	LOWER LIMB POWERED EXOSKELETON FOR PARAPLEGIC PEOPLE ASSISTING IN THEIR WALKING AUGMENTATION USING FLEX SENSOR AND ACCELEROMETER
TT009	DEVELOPMENT OF HAPTIC ROBOTIC ARM USING FLEX SENSOR AND ACCELEROMETER
TT010	PC CONTROLELD UNMANNED FIGHTER (WAR TANKER OR HELICOPTER)
TT011	HAPTIC ROBOTIC ARM
TT012	KROTO FINDER
TT013	WHITE BOARD CLEANING ROBOT
TT014	QUAD HELICOPTER
TT015	PC BASED SMALL UNIT UNMANNED VEHICLE FOR TODAY'S ARMY
TT016	LIINE FOLLOWING ROBOT WITH FORK LIFT
TT017	WALL PAINTING ROBOT
TT018	INTELLEGENT COMBACT ROBOT FOR MILITARY OPERATIONS
TT019	OBJECT AVOIDING ROBOT USING ULTRASONIC SENSOR
TT020	AUTOMATIC VOICE PRONOUNCEMENT BASED ROBOT FIRE PSYCHOANALYTIC SYSTEM
TT021	CELL PHONE OPERATED LAND ROVER
TT022	LIGHT/LINE AND DTMF SIGNAL FOLLOWING INTELLEGENT ROBOT
TT023	AUTO GUIDED VEHICAL WITH MATERIAL HANDLING AND OBSTACLE DETECTION
TT024	CONTROLLING ROBOTIC ARM WITH ETHERNET
TT025	FLEX SENSOR OPERATED ROBOTIC ARM
TT026	STAIRCASE CLIMBING ROBOT
TT037	WALK AND TALK ROBOT
TT028	ROPE CLIMBING ROBO WITH SURVAILLANCE CAPABILITY

TT029	LAND MINE DETECTING ROBOTIC VEHICLE
TT030	OBSTACLE AVOIDANCE ROBOTIC VEHICLE
TT031	EMBEDDED INTELLIGENT CAPABILITY OF A MODULAR ROBOTIC SYSTEM
TT032	FIRE EXTINGUISING OR FIRE FIGHTING ROBOTIC VEHICLE WITH RF TECHNOLOGY
TT033	MULTIPLE INTERFACE SECURITY ROBOT
TT034	DEVELOPMENT OF AUTOMATIC WASTE SEGREGGATOR
TT035	PIPE INSPECTION ROBOT
TT036	AUTOMATIC VOICE ANNOUNCEMENT BASED ROBOT FIRE ANALYSIS SYSTEM
TT037	WHEEL CHAIR FOR DISABLED PERSON USING ROBOT
TT038	IVRS SYSTEM BASED MOBILE CONTROLLING ROBOT
TT039	SPY ROBOT WITH BOMB DETECTION AND IMAGE MONITORING
TT040	INDUSTRIAL HAZARDOUS GAS LEAKAGE DETECTION AND INFORMATION SYSTEM USING INTELLIGENT ROBOT
TT041	3 - AXIS CONTROLLED ROBOT
TT042	IMAGE / VIDEO CAPTURING AND PC TELECASTING ROB
TT043	SOLAR OPERATED ROBOT
TT044	DESIGN AND DEVELOPMENT OF OBSTACLE SENSING AND OBJECT GUIDING ROBOT
TT045	ROBOTIC ARM CONTROL THROUGH INTERNET OR LAN FOR PATIENT SURGERY
TT046	INTELLIGENT LINE FOLLOWER ROBOT FOR INDUSTRIAL PURPOSE
TT047	ROBITIC PICK AND PLACE WITH DIGITAL COUNTER
TT048	BLUE TOOTH CONTROLLED ROBOT
TT049	ROBOTIC ARM CONTROL THROUGH INTERNET/LAN FOR PATIENT OPERATION WITH ONE OPERATING TOOL.

	2016 IEEE TRANSCATIONS ON IOT – INTERNET OF THINGS / WIFI / LIFI BASED PROJECT TITLES
TIW001	LIFI COMMUNICATION OF TEXT, AUDIO AND IMAGE
TIW002	LIFI BASED PAITENT MONITORING SYSTEM
TIW003	A NON-INVASIVE REMOTE HEALTH MONITORING SYSTEM USING VISIBLE LIGHT COMMUNICATION
TIW004	AN INTERNET OF THINGS APPROACH FOR MOTION DETECTION USING RASPBERRY PI
TIW005	A LOW COST WEB BASED REMOTE MONITORING SYSTEM WITH BUILT-IN SECURITY FEATURE FOR VULNERABLE ENVIRONMENTS
TIW006	A RECONFIGURABLE SMART SENSOR INTERFACE FOR INDUSTRIAL WSN AND HUMAN HEALTH MONITORING IN IOT ENVIRONMENT
TIW007	A RECONFIGURABLE SMART SENSOR INTERFACE FOR INDUSTRIAL WSN AND HUMAN

	HEALTH MONITORING IN IOT ENVIRONMENT
TIW008	DESIGN OF A WSN PLATFORM FOR LONG-TERM ENVIRONMENTAL MONITORING FOR IOT APPLICATIONS
TIW009	DESIGN OF A WSN PLATFORM FOR LONG-TERM ENVIRONMENTAL MONITORING FOR IOT APPLICATIONS
TIW010	WIRELESS SYSTEM FOR MONITORING AND REAL-TIME CLASSIFICATION OF FUNCTIONAL ACTIVITY
TIW011	WIFI FOR VEHICULAR COMMUNICATION SYSTEMS
TIW012	WIFI BASED HOME AUTOMATION
TIW013	WIFI BASED INDUSTRIAL AUTOMATION
TIW014	WIFI BASED PAITENT MONITORING SYSTEM
TIW015	WIFI BASED GREEN HOUSE MONITORING AND CONTROLLING SYSTEM
TIW016	WIFI BASED INDUSTRIAL MONITORING AND CONTROLLING SYSTEM
TIW017	LIFI BASED PAITENT MONITORING SYSTEM
TIW018	LIFI BASED GREEN HOUSE MONITORING SYSTEM
TIW019	LIFI BASED INDUSTRIAL MONITORING SYSTEM
TIW020	WIFI OPERATED MOBILE ROBOT FOR MULTIPURPOSE UTILIZATION

	2016 IEEE TRANSACTIONS ON GSM BASED PROJECT TITLES
TTG001	GSM BASED HEALTH CARE SYSTEM WITH HEART BEAT, GLUCOSE, TEMPERATURE MONITORING.
TTG002	GSM BASED SECURITY SYSTEM WITH GAS LEAKAGE IDENTIFICATION AND THEFT CONTROLING
TTG003	GREEN HOUSE MONITORING SYSTEM.
TTG004	GSM BASED WIRELESS NOTICE BOARD
TTG005	MEDIBLACK BOX.
TTG006	SMS BASED DEVICE CONTROL USING GSM MODEM (LIGHT, FAN,MOTOR etc...)
TTG007	GAPS VEHICLE THEFT IDENTIFICATION AND TRACKING AND CONTROL SYSTEM
TTG008	GSM BASED WIRELESS HOME APPLIANCES MONITORING & CONTROL SYSTEM (LIGHT, FAN, MOTOR etc
TTG009	HIGHWAY VEHICLE TRAFFIC MONITOR USING GSM
TTG010	HOME SECURITY SYSTEM WITH AUTO DIALING (MISSED CALL OR SMS ALERT USING GSM MODEM)
TTG011	AUTOMATED GSM BASED ELECTRICITY BILLING AND CUT OFF SYSTEM.
TTG012	DATA TRANSFER FOR ADVERTISEMENT DISPLAY OR NOTICE BOARD USING GSM.
TTG013	MULTI PURPOSE SECURITY SYSTEM USING GSM
TTG014	INTELLIGENT RF SECURITY SYSTEM FOR BANKS WITH GSM MODEM & SENSORS.
TTG015	REMOTE BILLING OF ENERGY METER OR WATER METER USING GSM MODEM

TTG016	TRACKING GOT-STAMP PAPER AND AUTOMATION USING GSM MODEM
TTG017	REAL ECG MACHINE FOR DOCTORS WITH DATA TRANSMISSION THROUGH GSM MODEM
TTG018	DATA ACQUISITION SYSTEM WITH GSM MODEM.
TTG019	SMS BASED WEATHER REPORTING.
TTG020	GSM BASED BORDER SECURITY SYSTEM
TTG021	GSM BASED COMPLETE IRRIGATION SOLUTION.
TTG022	RAILWAY SECURITY MANAGEMENT SYSTEM (BRIDGE VIBRATION DETECTION) BASED ON GSM.
TTG023	INDUSTRIAL MONITOR THROUGH GSM NETWORKS
TTG024	SHORT MESSAGING SYSTEM BASED VOTING SYSTEM USING GSM
TTG025	ENHANCING MINE SAFETY WITH WIRELESS SENSOR NETWORKS USING ZIGBEE TECHNOLOGY

	2016 WIRELESS BASED PROJECT TITLES
TWB001	WIRELESS COMMUNICATION FOR FIRE DETECTION SYSTEMS IN COMMERCIAL AREAS INDUSTRIAL AND HOME
TWB002	INVOLUNTARY STATION NAME DISPLAY WITH VOICE ATTENTIVE SYSTEM FOR TRAIN
TWB003	WIRELESS ELECTRONIC VOTING MACHINE
TWB004	ADVANCED AUTOIMATIC INTELLIGENT TRAIN ENGINE SYSTEM
TWB005	INDUSTRIAL SECURED TIDY SMOKE DETECTION AND ALARM SYSTEM THROUGH WIRELESS
TWB006	WIRELESS TSUNAMI WARNING ALARM FOR PEOPLE SECURITY
TWB007	VEHICLE ACCIDENT PREVENTION USING EYE BLINK SENSOR USING WIRELESS COMMUNICATION
TWB008	AUTOMATIC VEHICLE OVER SPEED CONTROLLING SYSTEM FOR SCHOOL ZONE AND HORN CONTROLLER FOR HOSPITAL ZONE.
TWB009	AUTOMATED RAILWAY GATE LEVEL CROSSING SCRUTINIZE AND CONTROL SYSTEM
TWB010	WIRELESS BUS STOP INFORMATION PROVIDER SYSTEM FOR PASSENGERS AND STATION ANNOUNCEMENTS.
TWB011	FACILITATE TRAFFIC SIGNAL IDENTIFICATION FOR BLIND PEOPLE

	2016 SMART CARD / RFID BASED PROJECT TITLES
TSR001	RFID BASED TRAIN IDENTIFICATION AND RAILWAY CROSSING SYSTEM
TSR002	AUTOMATIC ACCIDENT IDENTIFICATION, DETECTION VIA VIBRATION SENSORS USING RF TECHNOLOGY

TSR003	RFID BASED FILE TRACING SYSTEM FOR BIG GOVERNMENT ORGANIZATIONS.
TSR004	RFID BASED ATTENDANCE CARD SYSTEM
TSR005	LUGGAGE TRACKING SYSTEM USING RFID
TSR006	AUTOMATED AND UNMANNED VEHICLE TOLL COLLECTION / PARKING SYSTEM USING RFID TECHNOLOGY
TSR007	RFID BASED HUMAN / VEHICLE DETECTION AND MONITORING SYSTEM
TSR008	RFID BASED VEHICLE IDENTIFICATION AND SPEED MEASUREMENT
TSR009	PC BASED DOOR ACCESS AND ATTENDANCE LOGGER USING RFID
TSR010	ROUTING, GUIDING, OBSTACLE DETECTING AND CONTROLLING OF VEHICLE USING ACTIVE RFID TECHNOLOGY
TSR011	RFID BASED EMPLOYEE DATABASE MANAGEMENT USING RTC
TSR012	RFID BASED BLIND MAN STICK
TSR013	RFID BASED EVENT TRACKING SYSTEM FOR SPORTS
TSR014	STUDENT ATTENDANCE SYSTEM USING RFID TECHNOLOGY & VB.NET
TSR015	PREPAID ENERGY METER USING RFID.
TSR016	PREPAID CARD FOR BROWSING CENTER USING RFID.
TSR017	PREPAID CARD FOR PETROL BUNK.
TSR018	AUTOMATIC CAR PARKING SYSTEM.
TSR019	DOOR OPENING AND CLOSING SYSTEM WITH SECURITY USING RFID.
TSR020	VOTER CREDENTIALS AND AUTHENTICATION SYSTEM USING RFID TECHNOLOGY
TSR021	THEFT IDENTIFICATION SYSTEM FOR SUPERMARKETS USING RFID
TSR022	METRO TRAIN (TICKET ANALYZER)

	2016 BIO METRICS / BIO MEDICAL BASED PROJECT TITLES
TBB001	FINGER PRINT PREDICTION ENABLED PASSPORT AUTHENTICATION SYSTEM
TBB002	INVOLUNTARY,BIOMETRIC DOOR ACCESS CONTROL AND ATTENDANCE MAINTENANCE SYSTEM
TBB003	HIGH PROTECTION SECURITY SYSTEM WITH BIOMETRIC AND VIDEO TRANSMISSION
TBB004	BIO METRIC RECOGNITION SYSTEM BASED DIGITAL VOTING MACHINE
TBB005	ELECTRONIC LIBRARY MANAGEMENT SYSTEM USING FINGER PRINT SENSOR
TBB006	PATIENT MEDICAL INFORMATION SYSTEM USING FINGER PRINT
TBB007	FINGER PRINT PREDICTION ENABLED PASSPORT AUTHENTICATION SYSTEM
TBB008	INVOLUNTARY,BIOMETRIC DOOR ACCESS CONTROL AND ATTENDANCE MAINTENANCE SYSTEM
TBB009	IVRS BASED AUTOMATIC TELLER MACHINE TRANSACTION SYSTEM WITH THE HELP OF RFID TECHNOLOGY FOR BLIND PEOPLE WITH BIOMETRIC AUTHENTICATION
TBB010	HIGH PROTECTION ATM SYSTEM WITH FINGER PRINT IDENTIFICATION TECHNOLOGY WITH IMAGE RECORD AND GSM
TBB011	MEMS BASED PC COMMANDS USING HAND SIGNALS

TBB012	REALTIME IMPLWMWNTATION OF BIOPAD FINGER PRINT ATTENDANCE MONITOr.

	2016 CAN PROTOCOL BASED PROJECT TITLES
TCP001	CAN BASED REAL TIME IMPLEMENTATION IN AUTOMOBILE APPLICATION
TCP002	CAN CONTROLLED SERVO METER (INDUSTRIAL MOTOR)WITH CONTACTLESS PROXIMITY SENSOR.
TCP003	INDUSTRIAL AUTOMATION USING CAN NETWORK.
TCP004	IMPLEMENTATION OF AIR BAG SENSOR USING CAN PROTOCOL WITH GSM TECHNOLOGY
TCP005	IMPLEMENTATION OF A CAN BASED DIGITAL DRIVING SYSTEM FOR A VEHICLE
TCP006	COMPLETE HOME AUTOMATION USING CAN PROTOCOL.

	2016 GPS BASED PROJECT TITLES
TG001	OFFLINE MONITORING OF ADVERTISEMENT WORDINGS USING GSM AND GPS WITH LASER SECURITY SYSTEM
TG002	GPS MAP USING REAL GPS RECEIVER WITH LICENSE FOR DEFENSE
TG003	SOLDIER TRACKING SYSTEM USING GPS AND GSM MODEM
TG004	GSM BASED ON LINE TOLL FEE PAYMENT SYSTEM
TG005	ON LINE VEHICLE ACCIDENT REPORTER (GSM AND GPS)
TG006	GPS BASED STATION ANNOUNCEMENT SYSTEM FOR RAILWAY NETWORKS GPS BASED ON-LINE VEHICLE TRACKING SYSTEM
TG007	ANTI-COLLISION SYSTEM IN RAILWAY USING GSM AND GPS
TG008	WEB BASED VEHICLE REMOTE CONTROL USING GSM/GPRS I.E..VERY ADVANCED SYSTEM FOR DEVELOPMENT USING MICRO CONTROLLER AND GPRS TECHNOLOGY.
TG009	ACCIDENT IDENTIFICATION USING GPS AND SEND SMS THROUGH GSM TO A MOBILE
TG010	LIVE HUMAN DETECTION AND TRACKING USING GPS AND SEND SMS THROUGH GSM TO A MOBILE

	PROJECTS BASED ON MEDICAL ELECTRONICS / BIO MEDICAL
TMB001	FABRICATION OF BIOMETRIC AUTOMATED PILL DISPENSER
TMB002	A WIRELESS ELECTROCARDIOGRAM DETECTION FOR PERSONAL HEALTH MONITORING
TMB003	THE DEVELOPMENT OF A BLOOD LEAKAGE MONITORING SYSTEM FOR THE APPLICATIONS IN HEMODIALYSIS THERAPY

TMB004	MICROCONTROLLER BASED BABY INCUBATOR USING SENSORS
TMB005	SMART INSOLE: A WEARABLE SYSTEM FOR GAIT ANALYSIS
TMB006	VIRTUAL SPIROMETRY FOR RESPIRATORY FUNCTION TESTING FOR PATIENT
TMB007	A NON-INVASIVE REMOTE HEALTH MONITORING SYSTEM USING VISIBLE LIGHT COMMUNICATION
TMB008	SYSTOLIC BLOOD PRESSURE ESTIMATION USING ANDROID SMART PHONE
TMB009	COMPLETE BLOOD CHECK USING IMAGE PROCESSING
TMB010	AUTOMATIC CLASSIFICATION OF INTRACARDIAC MASSES IN ECHO CARDIOGRAPH BASED ON SPARSE REPRESENTATION
TMB011	AUTOMATIC CLASSIFICATION OF INTRACARDIAC MASSES IN ECHO CARDIOGRAPH BASED ON SPARSE REPRESENTATION

	PROJECTS BASED ON ELECTRICALS AND ELECTRONICS (EEE)
TEE001	TRANSMISSION LINE MULTIPLE FAULTS DETECTION AND INDICATION TO ELECTRICITY BOARD
TEE002	TRANSMISSION LINE FAULTS CLASSIFICATION USING WAVELET/FFT TRANSFORM
TEE003	A BUCK-BOOST INTEGRATED FULL BRIDGE INVERTER FOR SOLAR PHOTOVOLTAIC BASED STANDALONE SYSTEM
TEE004	WSN BASED DATA ACQUISITION SYSTEM FOR MULTIPLE FAULTS MONITORING AND CONTROLLING SYSTE
TEE005	IMPLEMENTATION OF A WEB OF THINGS BASED SMART GRIDTO REMOTELY MONITOR AND CONTROL RENEWABLE ENERGY SOURCEST
TEE006	DEVELOPMENT OF EFFICIENT POWER GENERATION USING AUTOMATED RENWABLE SOURCES AND AUTOMATING STREET LIGHTS ACCORDING TO TRAFFIC DENSITY
TEE007	DESIGN AND IMPLEMENTATION OF AN ADVANCED SECURITY SYSTEM - INVISIBLE EYE (POWER SAVING SYSTEM)
TEE008	ANDROID BASED DEVICE CONTROL – HOME OR OFFICE AUTOMATION
TEE009	ETHERNET OR IOT BASED DEVICE CONTROL SYSTEM
TEE010	FOOT STEP BASED POWER GENERATION AND MULTI PURPOSE OPTIMIZATION
TEE011	UNIVERSAL ELECTRICAL POWER GENERATION AND MULTIPURPOSE OPTIMIZATION – SOLAR, WIND AND RAIN
TEE012	SOLAR TRACKING SYSTEM WITH AUTOMATIC PANEL CLEANING MECHANISM FOR EFFICIENT POWER GENERATION
TEE013	ELECTRICAL SUBSTATION SCRUTINIZEING AND CONTROLLING DEVICE FROM REMOTE AREA
TEE014	WIRELESS POWER TRANSMISSION
TEE015	ANDROID MEETS LED BULBS IN SMART-HOME AUTOMATION.
TEE016	TRANSFORMER INUSTRIAL PARAMETERS MANAGEMENT CONTROL SYSTEM AND

	INTIMATION TO ELECTRICITY BOARD
TEE017	REALIZATION OF PREPAID BILL MANAGEMENT SYSTEM FOR ELECTRICITY BOARD
TEE018	VOICE OPERATED INDUCTION MOTOR SPEED CONTROL THROUGH RF COMMUNICATION
TEE019	ONLINE SPEED CONTROL OF DC MOTOR WITH HIGH SPEED NETWORK
TEE020	TALKING ENERGY METER
TEE021	MICRO CONTROLLER BASED INTELLIGENT MULTI TIMER SYSTEM FOR INDUSTRIAL AUTOMATION.
TEE022	ENERGY SCRUTINING SYSTEM WITH AUTO LOAD
TEE023	SMART CARD BASED PREPAID ELECTRICITY BILLING
TEE024	AUTO DIGITAL-SPEED INDICATOR WITH SPEED CONTROL
TEE025	DC MOTOR SPEED CONTROLLING USING BLUETOOTH
TEE026	AUTOMATIC DC MOTOR SPEED CONTROL WITH AUTOMATIC FEEDBACK VIA SMS USING PWM TECHNOLOGY
TEE027	GSM AND PIR SENSOR BASED LIGHT CONTROLLER AND NETWORKED SAFETY SYSTEM.
TEE028	ELECTRIC FIELD AND ULTRASONIC SENSOR BASED SECURITY SYSTEM
TEE029	MOBILE CONTROLLED DC MOTOR SPEED CONTROLLER.
TEE030	PRE PAID POWER ENERGY METER.
TEE031	REAL TIME LOAD SHEDDING FOR POWER LINES.
TEE032	A NOVEL OPTIMUM POINT TRACKER OF THE SOLAR CELL POWER SYPPLY SYSTEM.

	ZIGBEE BASED PROJECT TITLES
TZB001	REMOTE MONITORING OF CAR ENGINE USING CAN AND ZIGBEE PROTOCOLS
TZB002	SOLAR POWER - ZIGBEE BASED WATER PUMP CONTROL FOR FARMERS WITH SECURITY
TZB003	ZIGBEE BASED INTELLIGENT RF SECURITY SYSTEM FOR CARS WITH LCD
TZB004	ROBOTIC ARM BASED VEHICLE WITH FOUR WHEEL DRIVE FOR SPECIFIC OPERATION WITH VARIABLE SPEED CONTROL, CONTROLLING THE ROBOTIC ARM AND THE VEHICLE THROUGH ZIGBEE.
TZB005	KROTO FINDER
TZB006	REMOTE-CONTROLLABLE AND ENERGY-SAVING ROOM ARCHITECTURE BASED ON ZIGBEE COMMUNICATION
TZB007	ZIGBEE DEVICE ACCESS CONTROL & RELIABLE DATA TRANSMISSION IN ZIGBEE BASED HEALTH MONITORING SYSTEM
TZB008	REMOTE POWER ON/OFF CONTROL & CURRENT MEASURNT FOR HOME ELECTRIC OUTLETS BASED ON A LOW POWER EMBEDDED BOARD & ZIGBEE COMMUNICATION
TZB009	DEVELOPMENT OF AUTOMATED TOLLING SYSTEM FOR VECHILE.

	CAPSENSE , TOUCH SENSE BASED PROJECT TITLES

TCT001	TOUCH SCREEN BASED WIRELESS CONTROL SYSTEM
TCT002	TENS- TINY ELECTRONIC SHOCK MACHINE FOR PATIENT USING CAP SENSE
TCT003	TRANSCUTANEOUS ELECTRICAL NERVE STIMULATOR
TCT004	TOUCH PAD CONTROLLED WHEELCHAIR USING CAPSENSE TO SOLVE REAL WORLD PROBLEMS BY DISABLES
TCT005	CAP SENSE BASED WIRELESS ROBOTIC CONTROLL.
TCT006	MULTICHANNEL LED DIMMER WITH CAPSENSE CONTROL
TCT007	INVISIBLE SENSETIVITY BASED SECURED PASSWORD PROTECTION FOR BANK
TCT008	WIRELESS TOUCHPAD REMOTE CONTROL FOR INDUSTRIAL DEVICE CONTROL

	VLSI BASED PROJECT TITLES
TV001	VLSI-FPGA IMPLEMENTATION OF AES ALGORITHM
TV002	VLSI-FPGA IMPLEMENTATION OF PIPELINED FAST FOURIER TRANSFORM (FFT) ALGORITHM
TV003	VLSI -FPGA IMPLEMENTATION OF GMSK TRANSMITTER.
TV004	VLSI-FPGA IMPLEMENTATION OF OFDM IP
TV005	VLSI-FPGA IMPLEMENTATION OF A SINGLE-CYCLE PROCESSOR FOR A SUBSET OF THE MIPS ARCHITECTURE IN VERILOG HDL (HARDWARE DESCRIPTION LANGUAGE)
TV006	VLSI-FPGA IMPLEMENTATION VITERBI DECODER

	MATLAB BASED PROJECT TITLES
TM001	PORTABLE CAMERA-BASED ASSISTIVE TEXT AND PRODUCT LABEL READING FROM HAND-HELD OBJECTS FOR BLIND PERSONS
TM002	FAST AND ADAPTIVE DETECTION OF PULMONARY NODULES IN THORACIC CT IMAGES USING HIERARCHICAL VECTOR QUANTIZATION
TM003	AUTOMATIC CLASSIFICATION OF INTRACARDIAC MASSES IN ECHO CARDIOGRAPH BASED ON SPARSE REPRESENTATION
TM004	CLOTHING COLOR & PATTERN RECOGNITION FOR VISUALLY IMPAIRED PEOPLE
TM005	TRANSMISSION LINE FAULTS CLASSIFICATION USING WAVELET/FFT TRANSFORM
TM006	LOSSLESS IMAGE COMPRESSION TECHNIQUE USING COMBINATION OF LZW AND BCH CODES
TM007	COMPLETE BLOOD CHECK USING IMAGE PROCESSING
TM008	ROSE HARVESTING SYSTEM USING IMAGE PROCESSING
TM009	SLEEP DETECTION SYSTEM USING MATLAB IMAGE PROCESSING

	MATLAB PROJECTS WITH EMBEDDED BASED HARDWARE
TME001	LIFI COMMUNICATION OF TEXT, AUDIO AND IMAGE
TME002	AN INTEGRATED VISION-BASED ARCHITECTURE FOR HOME SECURITY SYSTEM
TME003	AUTOMATIC VEHICLE IDENTIFICATION BYNUMBER PLATE RECOGNITION.
TME004	DIGITAL SWITCHING CONTROLLER FOR DC-DC CONVERTERS
TME005	A VIRTUAL TOUCH EVENT METHOD USING COLOUR RECOGNITION
TME006	VISUAL INSPECTION AND CRACK DETECTION OF RAILROAD TRACKS
TME007	MATLAB AND EMBEDDED BASED SYSTEM FOR FACE RECOGNITION SYSTEM
TME008	AUDIO/SOUND COMMAND BASED APPLICATION CONTROL (HOME AUTOMATION BASED ON VOICE)"
TME009	AUDIO/SOUND COMMAND BASED APPLICATION CONTROL (HOME AUTOMATION BASED ON VOICE)"

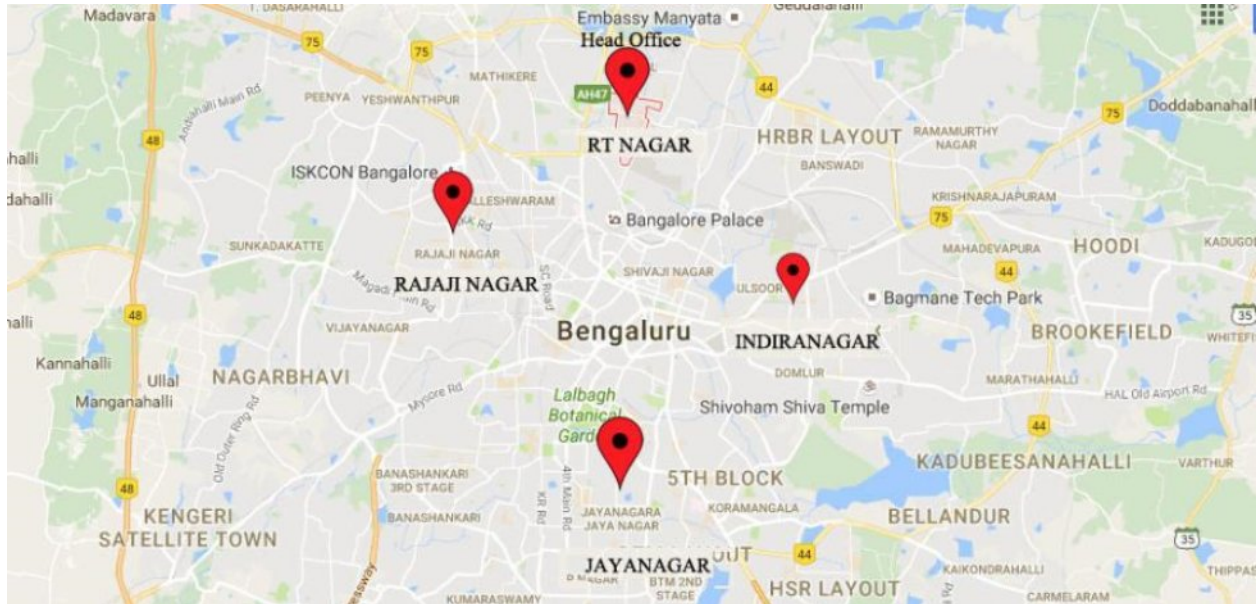|	ANDROID BASED PROJECT TITLES
TA001	ANDROID MEETS LED BULBS IN SMART-HOME AUTOMATION.
TA002	GREEN HOUSE MONITORING AND CONTROL USING SMART PHONES
TA003	ANDROID BASED DEVICE CONTROL .
TA004	ANDROID BASED HOME AUTOMATION.
TA005	DEVELOPMENT AND CONTROLLING OF 5 IN 1 MULTIPURPOSE AGRICULTURAL ROBOT USING SMART PHONES
TA006	ANDROID CONTROLLED PICK AND PLACE MOBILE ROBOT.
TA007	LPG GAS MONITORING AND BOOKING USING SMART PHONE
TA008	DEVELOPMENT OF PAITENT MONITORING SYSTEM USING SMART PHONE
TA009	INDUSTRIAL MONITORING AND CONTROL SYSTEM USING ANDOID APPLICATION.
TA010	SPEECH BASED CONTROL & ALERT SYSTEM FOR SENIOR CITIZENS USING ANDROID MOBILE
TA011	AN ANDROID BASED APPLICATION FOR EMERGENCY HELPING
TA012	SMART PHONE CONTROLLED ANDROID ROBOT WITH LIVE VIDEO TRANSMISSION
TA013	ANDROID SPEECH RECOGNITION BASED VOICE COMMAND NOTICE BOARD
TA014	DEVELOPMENT OF WSN BASED WATER LEVEL MONITORING AND CONTROL SYSTEM USING ANDROID
TA015	ANDROID BASED ANTENNA POSITIONING SYSTEM.
TA016	ANDROID BASED PAITENT MONITORING SYSTEM
TA017	ANDROID OPERATED ADVANCED WHEEL CHAIR CUM STRETCHER
TA018	SMART PHONE OPERATED MOBILE ROBOT FOR MULTIPURPOSE PICK AND PLACE OPERATIONS

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