

# FINAL YEAR PROJECTS

**BE, ME, BTech, MTech, MCA**

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## IEEE PROJECTS

# 2021-2022

**EMBEDDED | SOFTWARE | MECHANICAL | CIVIL  
MALLESWARAM | JAYANAGAR**

## ACADEMIC PROJECTS:

Igeeks Technologies is a company located in Bangalore, India. We have been recognized as a quality provider of hardware and software solutions for the student's in order to carry out their academic Projects. We offer academic projects from more than 14+ years' experience in various academic levels ranging from graduates to masters (Diploma, BCA, BE, M. Tech, MCA, PhD). As a part of the development training, we offer Projects in Embedded Systems & Software to the Engineering College students in all major disciplines. Our Award Winning Tech Team have trained thousands of students and have guided over 4000+ working projects via Practical Research based Project training, out of which some of the projects have won best project awards at various national & international competitions and expos.

### Facilities:

- Project base paper, synopsis
- In-depth training by industry experts
- Project guidance from experienced people
- Internship certificate.
- Crash courses for out station students
- On-line Project Execution
- TeamViewer/ Skype Support



## INTERNSHIP:

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## PYTHON – ML, AI, NN, IP, DL BASED PROJECT TITLES

<b>IPMA001</b>	21_ IEEE_MONITORING PANDEMIC PRECAUTIONARY PROTOCOLS USING REAL-TIME SURVEILLANCE AND ARTIFICIAL INTELLIGENCE
<b>IPMA002</b>	DEEP-LEARNING-BASED ROAD CRACK DETECTION FRAMEWORKS FOR DASHCAM-CAPTURED IMAGES
<b>IPMA003</b>	A FRAMEWORK FOR ANALYSIS OF ROAD ACCIDENTS
<b>IPMA004</b>	25_PY_SUICIDAL IDEATION DETECTION: A REVIEW OF MACHINE LEARNING METHODS AND APPLICATIONS
<b>IPMA005</b>	26_PY_SOCIAL DISTANCING DETECTION FOR COVID-19 USING OPENCV AND DEEP LEARNING
<b>IPMA006</b>	27_PY_PREDICTING ANXIETY DEPRESSION AND STRESS IN MODERN LIFE USING DASS21 QUESTIONNAIRE DATASET
<b>IPMA007</b>	28_PY_FEATURES EXTRACTION AND CLASSIFICATION FOR DETECTION OF KIDNEY STONE REGION IN ULTRASOUND IMAGES
<b>IPMA008</b>	29_PY_PREDICTING EXPLOSIVE GAS COMPONENTS USING MACHINE LEARNING
<b>IPMA009</b>	30_PY_PERFORMANCE EVALUATION OF ML CREDIT CARD FRAUD DETECTION
<b>IPMA010</b>	32_PY_20_IN-DEPTH SURVEY TO DETECT, MONITOR AND MANAGE CROWD
<b>IPMA011</b>	33_PY_FAKE CURRENCY DETECTION USING DIGITAL IMAGE PROCESSING
<b>IPMA012</b>	35_PY_GENDER RECOGNITION BY VOICE USING AN IMPROVED ML ALGORITHM
<b>IPMA013</b>	36_PY_IMAGE PROCESSING FOR MANGO RIPENING STAGE DETECTION
<b>IPMA014</b>	15_PY_MACHINE LEARNING TECHNIQUES FOR STRESS PREDICTION IN WORKING EMPLOYEES
<b>IPMA015</b>	16_PY_INTRADAY STOCK PRICE FORECASTING USING AN AUTO REGRESSIVE TIME SERIES MODEL – ARIMA
<b>IPMA016</b>	16_PY_NIFTY INDEX PREDICTION APPROACH FOR STOCK MARKET VOLATILITY BASED ON TIME SERIES – ARIMA
<b>IPMA017</b>	17_PY_HEART DISEASE IDENTIFICATION METHOD USING MACHINE LEARNING CLASSIFICATION IN E-HEALTHCARE
<b>IPMA018</b>	18_PY_LOAN APPROVAL PREDICTION BASED ON MACHINE LEARNING APPROACH
<b>IPMA019</b>	19_PY_FRUIT DISEASE CLASSIFICATION AND IDENTIFICATION USING IMAGE PROCESSING
<b>IPMA020</b>	20_PY_CLASIFICATION OF MEDICINAL PLANTS BY VISUAL CHARACTERISTICS OF FLOWERS
<b>IPMA021</b>	21_PY_KRISHI SADANA - PESTS CLASSIFICATION AND DETECTION USING MACHINE LEARNING
<b>IPMA022</b>	22_PY_COVID-19 FUTURE FORECASTING OF DEATH RATE USING ML
<b>IPMA023</b>	25_PY_SUICIDAL IDEATION DETECTION A REVIEW OF ML METHODS
<b>IPMA024</b>	CROP PREDICTION AND EFFICIENT USE OF FERTILIZERS USING MACHINE LEARNING
<b>IPMA025</b>	MACHINE LEARNING ANALYSIS OF AIRBREATHING PROPULSION OF TUROJET ENGINE
<b>IPMA026</b>	MACHINE LEARNING TECHNIQUES FOR STRESS PREDICTION IN WORKING EMPLOYEES
<b>IPMA027</b>	COVID-19 FUTURE FORECASTING OF DEATH RATE USING SUPERVISED MACHINE LEARNING ALGORITHM
<b>IPMA028</b>	1_PY_MACHINE LEARNING APPROACH FOR AIR QUALITY PREDICTION AND ANALYSIS
<b>IPMA029</b>	2_PY_FEATURE EXTRACTOR ANALYSIS FOR TRAFFIC CLEARANCE IN EMERGENCY FOR AMBULANCE
<b>IPMA030</b>	3_PY_SKIN DISEASE RECOGNITION CNN
<b>IPMA031</b>	3_PY_SKIN DISEASE RECOGNITION METHOD BASED ON IMAGE COLOR AND TEXTURE FEATURES
<b>IPMA032</b>	5_PY_ARTIFICIAL INTELLIGENCE BASED MATERIAL SORTING FOR INDUSTRIAL PRODUCTION
<b>IPMA033</b>	6_PY_CNN BASED LEAF DISEASE IDENTIFICATION AND REMEDY RECOMMENDATION SYSTEM
<b>IPMA034</b>	8_PY_VIRTUAL TRY ON SYSTEM FOR GARMENTS OUTLETS
<b>IPMA035</b>	14_PY_MACHINE LEARNING BASED BRAIN TUMOR ANALYSIS USING CONVOLUTIONAL NEURAL NETWORK

<b>IPMA036</b>	14_PY_DEEP LEARNING FOR MULTIGRADE BRAIN TUMOR CLASSIFICATION IN SMART HEALTHCARE SYSTEMS A PROSPECTIVE SURVEY
<b>IPMA037</b>	STRESS PREDICTION OF PROFESSIONAL STUDENTS USING MACHINE LEARNING
<b>IPMA038</b>	A PREDICTION APPROACH FOR STOCK MARKET VOLATILITY BASED ON TIME SERIES DATA
<b>IPMA039</b>	A WAVELET BASED DEEP LEARNING METHOD FOR UNDERWATER IMAGE SUPER RESOLUTION RECONSTRUCTION
<b>IPMA040</b>	DEEP NEURAL NETWORK ARCHITECTURE APPLICATION FOR FACIAL EXPRESSION RECOGNITION
<b>IPMA041</b>	COVID-19 SOCIAL DISTANCING DETECTOR IN VIDEO
<b>IPMA042</b>	MACHINE LEARNING METHODS FOR DISEASE PREDICTION WITH CLAIMS DATA
<b>IPMA043</b>	TIME SERIES PREDICTION OF AGRICULTURAL PRODUCTS PRICE BASED ON TIME ALIGNMENT OF RNN
<b>IPMA044</b>	AN EFFICIENT EDGE DETECTION APPROACH TO PROVIDE BETTER EDGE CONNECTIVITY FOR IMAGE ANALYSIS
<b>IPMA045</b>	GENDER CLASSIFICATION USING SENTIMENT ANALYSIS AND DEEP LEARNING IN A HEALTH WEB FORUM
<b>IPMA046</b>	CNN BASED LEAF DISEASE IDENTIFICATION AND REMEDY RECOMMENDATION SYSTEM
<b>IPMA047</b>	IDENTIFICATION OF PLANT DISEASE USING IMAGE PROCESSING TECHNIQUE
<b>IPMA048</b>	EFFECTIVE HEART DISEASE PREDICTION USING HYBRID MACHINE LEARNING TECHNIQUES
<b>IPMA049</b>	COMPARISON OF MACHINE LEARNING METHODS FOR BREAST CANCER DIAGNOSIS
<b>IPMA050</b>	CLUSTERS OF FEATURES USING COMPLEMENTARY INFORMATION APPLIED TO GENDER CLASSIFICATION FROM FACE IMAGES
<b>IPMA051</b>	AIR LEARNING INTERPOLATION, PREDICTION, AND FEATURE ANALYSIS OF FINE-GRAINED AIR QUALITY
<b>IPMA052</b>	FACE RECOGNITION AND AGE ESTIMATION IMPLICATIONS OF CHANGES IN FACIAL FEATURES
<b>IPMA053</b>	A PREDICTIVE DATA FEATURE EXPLORATION-BASED AIR QUALITY PREDICTION APPROACH
<b>IPMA054</b>	EFFECTIVE HEART DISEASE PREDICTION USING HYBRID MACHINE LEARNING TECHNIQUES
<b>IPMA055</b>	DEVELOPMENT OF A FULLY CROSS-VALIDATED BAYESIAN NETWORK APPROACH FOR LOCAL CONTROL PREDICTION IN LUNG CANCER
<b>IPMA056</b>	MACHINE LEARNING ANALYSIS OF SPEECH DETECTS ANXIETY AND DEPRESSION IN EARLY CHILDHOOD

### PYTHON – ML, AI, NN, IP, DL BASED PROJECTS USING HARDWARE TITLES

<b>IPMH001</b>	CROP PREDICTION AND EFFICIENT USE OF FERTILIZERS USING MACHINE LEARNING
<b>IPMH002</b>	ML USING SENSORS FOR AIR BREATHING PROPULSION OF TURBOJET ENGINE
<b>IPMH003</b>	ML USING SENSORS FOR STRESS PREDICTION IN WORKING EMPLOYEES
<b>IPMH004</b>	REAL TIME FACE MASK DETECTOR FOR COVID-19 SAFE SOCIAL DISTANCING
<b>IPMH005</b>	ARTIFICIAL INTELLIGENCE BASED MATERIAL SORTING FOR INDUSTRIAL PRODUCTION
<b>IPMH006</b>	1_PYEM_TERRORBOT – CASCADE CLASSIFIER TO DETECT TERRORIST AND SOLDIERS
<b>IPMH007</b>	2_PYEM_HUMAN STRESS ANALYSIS USING SENSORS AND MACHINE LEARNING TECHNIQUES
<b>IPMH008</b>	3_PYEM_FEATURE EXTRACTION BASED AIRPORT BAGGAGE CONVEYOR ALERT SYSTEM
<b>IPMH009</b>	4_PYEM_AUTOMATIC CONTROL OF DRIVER FATIGUE AND DROWSINESS LANDMARK PREDICTOR
<b>IPMH010</b>	5_PY_ARTIFICIAL INTELLIGENCE BASED MATERIAL SORTING FOR INDUSTRIAL PRODUCTION
<b>IPMH011</b>	6_PY_CNN BASED LEAF DISEASE IDENTIFICATION AND REMEDY RECOMMENDATION SYSTEM
<b>IPMH012</b>	7_PYEM_FEATURE EXTRACTOR ANALYSIS FOR TRAFFIC CLEARANCE IN EMERGENCY FOR AMBULANCE AND FIRE ENGINES

<b>IPMH013</b>	8_PYEM_DEVELOPMENT OF FOOD TRACKING SYSTEM USING MACHINE LEARNING
<b>IPMH014</b>	9_PYEM_TRAINABLE AUTOMATIC ROBOT FOR AGRICULTURE PLANT LEAF WEEDING
<b>IPMH015</b>	10_PYEM_MACHINE LEARNING APPROACH FOR AIR QUALITY PREDICTION AND ANALYSIS
<b>IPMH016</b>	11_PYEM_ML ANALYSIS OF EMOTION DETECTS, ANXIETY AND DEPRESSION IN ADULT
<b>IPMH017</b>	12_PYEM_MACHINE LEARNING APPLIED TO ELECTRIFIED VEHICLE BATTERY SOC AND SOH ESTIMATION
<b>IPMH018</b>	13_PYEM_REAL-TIME EYE TRACKING FOR PASSWORD - GAZE BASED PIN AUTHENTICATION
<b>IPMH019</b>	14_PY_MACHINE LEARNING BASED BRAIN TUMOR ANALYSIS USING CNN WITH SMS NOTIFICATION
<b>IPMH020</b>	15_PYEM_MOTORCYCLE HELMET WEAR ANALYSIS USING SIFT FEATURE EXTRACTOR
<b>IPMH021</b>	16_PYEM_MACHINE LEARNING BASED FINGER GESTURE RECOGNITION FROM HOSPITAL ASSISTANT
<b>IPMH022</b>	17_PYEM_HUMAN ACTIVITY ANALYSIS USING SENSORS AND MACHINE LEARNING TECHNIQUES
<b>IPMH023</b>	18_PYEM_CROP PREDICTION AND EFFICIENT USE OF FERTILIZERS USING MACHINE LEARNING
<b>IPMH024</b>	19_PYEM_COVID-19 FACE MASK DETECTION WITH TEMPERATURE AND AUTO SANITIZER
<b>IPMH025</b>	19_PYEM_REAL TIME FACE MASK DETECTOR FOR COVID-19 SAFE SOCIAL DISTANCING
<b>IPMH026</b>	21_PYEM_ML APPROACH FOR AIR QUALITY PREDICTION AND ANALYSIS
<b>IPMH027</b>	26_PYEM_MONITORING SOCIAL DISTANCING FOR COVID-19 USING OPENCV AND AUTO SANITIZATION
<b>IPMH028</b>	FACE RECOGNITION AND AGE ESTIMATION IMPLICATIONS OF CHANGES IN FACIAL FEATURES
<b>IPMH029</b>	CVUCAMS: COMPUTER VISION BASED UNOBTRUSIVE CLASSROOM ATTENDANCE MANAGEMENT SYSTEM
<b>IPMH030</b>	IP-SUPER-PIXEL BASED FINGER EARTH MOVER'S DISTANCE FOR HAND GESTURE RECOGNITION
<b>IPMH031</b>	ACCELEROMETER-BASED HUMAN FALL DETECTION USING CNN
<b>IPMH032</b>	INDUSTRIAL MACHINE SHOP FLOOR OPERATOR EYE CLOSURE AND YAWNING ANALYSIS AND CONTROL USING LANDMARK PREDICTOR
<b>IPMH033</b>	SLEEPY BEHIND STUDIES - STUDENT DROWSINESS CONTROL USING LANDMARK PREDICTOR
<b>IPMH034</b>	STUDENT EYES CLOSURE AND YAWNING DETECTION FOR DROWSINESS ANALYSIS USING LANDMARK PREDICTOR
<b>IPMH035</b>	EMOPLAYER - FEATURE EXTRACTOR APPROACH FOR EMOTION BASED MUSIC PLAYER
<b>IPMH036</b>	MODIFIED CONVOLUTIONAL NEURAL NETWORK ARCHITECTURE ANALYSIS FOR FACIAL EMOTION RECOGNITION
<b>IPMH037</b>	ELDERLY ASSISTANT BASED ON FACE EMOTION AND POSTURE ANALYSIS
<b>IPMH038</b>	FACE FEATURE EXTRACTOR FOR EMOTION ANALYSIS AND BEHAVIOR ANALYSIS OF A PRISONER
<b>IPMH039</b>	SOIL CLASSIFICATION USING MACHINE LEARNING METHODS AND CROP SUGGESTION BASED ON SOIL SERIES
<b>IPMH040</b>	CLUSTERS OF FEATURES USING COMPLEMENTARY INFORMATION APPLIED TO GENDER CLASSIFICATION
<b>IPMH041</b>	FINGERPRINT IMAGE IDENTIFICATION FOR CRIME DETECTION
<b>IPMH042</b>	A NOVEL CASCADE CLASSIFIER OF VEHICLE UNLOCKING SYSTEM BASED ON FACE RECOGNITION
<b>IPMH043</b>	DEEP LEARNING-BASED HELMET WEAR ANALYSIS OF A MOTORCYCLE RIDER FOR INTELLIGENT SURVEILLANCE
<b>IPMH044</b>	RESTRICTED ZONE SIFT FEATURE EXTRACTOR FOR ATM SECURITY, HELMET DETECTION
<b>IPMH045</b>	ACCELEROMETER-BASED HUMAN FALL DETECTION USING CONVOLUTIONAL NEURAL NETWORKS
<b>IPMH046</b>	A NOVEL CASCADE CLASSIFIER OF VEHICLE UNLOCKING SYSTEM BASED ON FACE RECOGNITION

## IOT PROJECT LIST 2021-2022

### PERFECTLY KEYLESS - SECURE KEY MANAGEMENT WITH FUEL THEFT AND VEHICLE ANTI-THEFT ALERT

IOT BASED IRRIGATION SYSTEM WITH WITHOUT INTERNET AND PUMP SET CONTROL WITH STATUS NOTIFICATION

IOT - SMART SEATING MANAGEMENT IN PUBLIC BUS TRANSPORTATION USING IOT AND EMBEDDED SYSTEM

IOT - WEB LABORATORY- REMOTE VIRTUAL LAB ACCESS WITH GRAPH GENERATION.

IOT - CAMCORDER PIRACY - AADHAAR BASED ANTI-PIRACY SCREEN

IOT – CLCTO – CO-OPERATIVE LOGISTICS CARGO TRANSPORT OPTIMIZATION

RECOS – SMART SOCKET FOR ELECTRIC VEHICLE, WASHING MACHINE, GEYSER ENERGY CONTROL

SWACHH ABHIYAN - DOOR-TO-DOOR PICKUP OF HOUSEHOLD HAZARDOUS WASTE

IOT AND E GLOVE BASED NURSE CALLING SYSTEM

IOT – AWS BASED GNSS VIRTUAL TOLL E-TAXER

WEARABLE IOT – VIRTUAL PERIOD ATTENDANCE FOR INDUSTRIES AND COLLEGES

IOT - DESIGN AND DEVELOPMENT OF SYSTEM TO PREVENT THE CHAIN SNATCHING

IOT BASED MULTI-FUNCTION WAR ASSISTANCE ROBOT

IOT – NAVGUIDE - ELECTRIC AID FOR VISUALLY IMPAIRED PEOPLE

IOT – SOLEMATE – ELECTRONIC SHOES TO ASSIST VISUALLY CHALLENGED

IOT - MOBILITY ASSISTANCE TRAINER FOR VISUALLY IMPAIRED

IOT BASED MULTI FUNCTION WAR ASSISTANCE ROBOT

IOT BASED DELIVERY BOYS SAFETY CONTROL AND BIKE ANALYZER – HELMET

IOT AIRPORT BAGGAGE CONVEYOR AND VOICE NOTIFICATION USING ANDROID TECHNOLOGY

IOT AYURVEDIC MEDICINE BEETEL LEAF VINE CULTIVATION USING IOT & WIRELESS SENSOR NETWORK

IOT AYURVEDIC MEDICINE TULSI, MINT, TURMERIC LAND FARMING WITH IOT & WIRELESS SENSOR NETWORK

IOT BASED SMART GEYSER AUTOMATION WRT ENVIRONMENT CONDITION TO SAVE ELECTRICITY

IOT BASED NOVEL LOW-COST SENSOR FOR HUMAN BITE FORCE MEASUREMENT

IOT - APARTMENT JAL SAMRUDHI WITH REAL TIME CLOUD SERVER

IOT-HIVE HOME AUTOMATION SYSTEM FOR INTRUSION DETECTION

IOT BASED REFRIGERATOR, STORAGE ROOM AND FMCG PRODUCTS STOCK MONITORING WITH EMAIL ALERT OF PURCHASE ORDER

IOT BASED SEMI-AUTOMATED RASH DRIVING DETECTION BY USING ACCELEROMETER SENSORS

IOT – WILDLIFE MONITORING, VIRTUAL FENCING WITH DEFORESTATION NOTIFICATIONS

IOT APPROACH TO ACCIDENT INTENSITY DETECTION, INTENSITY REPORTING USING CLOUD SERVER

IOT - EVIDENCE COLLECTION IN AUTOMOTIVE INDUSTRY FOR LEGAL CLAIM

IOT BASED AIR AND NOISE POLLUTION MONITORING IN URBAN AND RURAL AREAS, IMPORTANT ZONES

IOT - WEARABLE DEVICE – YOGA AND EXERCISE STREAMER

IOT - WEARABLE DEVICE – EXERCISE STREAMER, WITH CHILLIER JACKET

IOT BASED GARBAGE AND STREET LIGHT MONITORING SYSTEM

IOT BASED MONITORING AND SMART PLANNING OF URBAN SOLID WASTE MANAGEMENT

IOT & ANDROID BASED ON-STREET AND OFF-STREET PARKING AVAILABILITY PREDICTION & SPACE RESERVATION

AGRIBOT - IOT BASED SOLAR POWERED AGRIBOT FOR IRRIGATION – THINGSPEAK

IOT V2I COMMUNICATION - RSU UNIT FOR PERSISTENT TRAFFIC MEASUREMENT

IOT - SAFE DRIVE - DANGEROUS DRIVING RECOGNITION OF DELIVERY BOYS WITH SPEED LIMITER

IOT - SAFE DRIVE - DANGEROUS DRIVING RECOGNITION OF DELIVERY BOYS
IOT – SMART URBAN DATA LOGGER – ENVIRONMENT AND GARBAGE
DISTRIBUTED STRATEGY FOR EMERGENCY AMBULANCE ROUTING WITH ANDROID
ER LOCK - INTELLIGENT ANTI-THEFT TRACKING AND ACCIDENT DETECTION SYSTEM FOR AUTOMOBILES BASED ON IOT
IOT-ELECTRICITY ENERGY UNIT LIMITS PER SQFT LAND – RESOURCE MANAGEMENT RESPONSIBILITY PER FAMILY
IOT BASED FLOOD CROP LOSS ASSESSMENT AND SMART SECURITY
IOT BASED DELIVERY BOYS SAFETY CONTROL AND BIKE RASH DRIVING ANALYZER
IOT-INDUSTRIAL BREATH EXHALE
EMBEDDED PROJECT LIST
REAL-TIME DRIVER ADVISORY MODEL - INTELLIGENT TRANSPORTATION SYSTEMS
ANDROID BASED VEHICLE ANTI-THEFT ALARM AND TRACKING SYSTEM
INTELLIGENT ACCIDENT DETECTION CLASSIFICATION USING MOBILE PHONES
ROBOCHEF – ANDROID BASED INGREDIENT MIXTURE FOR FOOD INDUSTRY
A HYBRID APPROACH FOR IDENTIFICATION OF MANHOLE AND STAIRCASE TO ASSIST VISUALLY CHALLENGED
INNOVATION STRATEGY AND BETTERMENT PLANNING FOR SMART VILLAGE
A NOVEL APPROACH TO PROVIDE PROTECTION FOR WOMEN BY USING SMART SECURITY DEVICE
MINE DETECTION ROBOT AND RELATED HUMANITARIAN TECHNOLOGY
AN INTELLIGENT TRANSPORTATION SYSTEM APPLICATION FOR SMARTPHONES BASED ON VEHICLE POSITION IN VEHICULAR NETWORKS
A NOVEL APPROACH ON CEILING FANS BASED ON MEMS TECHNOLOGIES TO AVOID SUICIDE
COOPERATIVE SENSING AND WEARABLE COMPUTING FOR SEQUENTIAL HAND GESTURE RECOGNITION
DESIGNING AND IMPLEMENTATION OF A WIRELESS GESTURE CONTROLLED ROBOT FOR DISABLED AND ELDERLY PEOPLE
RESCUE TIME - SPEECH RESPONSE FOR CHAIN SNATCHING VICTIM
GESTURE CONTROLLED WIRELESS AGRICULTURAL WEEDING ROBOT
SMART CYCLIST JACKET
A BLOCKCHAIN -BASED WATER CONTROL SYSTEM FOR THE AUTOMATIC MANAGEMENT OF IRRIGATION COMMUNITIES
DESIGN OF A MULTI SENSOR-BASED LOW-COST EDUCATIONAL ROBOT
DESIGN OF SMART HELMET FOR ACCIDENT AVOIDANCE
MULTIPLE UAVS-BASED SURVEILLANCE AND RECONNAISSANCE SYSTEM UTILIZING IOT PLATFORM
REMOTE HEALTH MONITORING OF ELDERLY THROUGH WEARABLE SENSORS
ZERO LABOUR - WET WASTE CRUSHER
AN APPROACH BASED ON A ROBOTICS OPERATION SYSTEM FOR THE IMPLEMENTATION OF INTEGRATED INTELLIGENT HOUSE SERVICES SYSTEM
TEMPERATURE SENSED OBSTACLE AVOIDING ROBOT
ROBOTIC FIRE DETECTOR, EXTINGUISHER, ANALYZER AND EMERGENCY ALERT
BLISTER TESTING IN DRUG INDUSTRY
EFFICIENCY IMPROVEMENT OF PHOTOVOLTAIC PANELS BY DESIGN IMPROVEMENT OF COOLING SYSTEM USING WATER COOLER
DRAINAGE CLEANING ROBOT
FARMER FRIENDLY SOLAR BASED VIRTUAL FENCING FOR RURAL AGRICULTURE WITH BATTERY REVERSE CHARGE PROTECTION
ANDROID BASED SIGN BOARD DETECTION WITH IMAGE & VOICE ALERT SYSTEM

APPLICATION OF RF TECHNOLOGY TO SOLVE TRAFFIC SIGNAL SCHEDULING BY MONITORING THE VEHICLE INTENSITY IN THE PARTICULAR ROAD
GESTURE AND SPEECH BASED WHEEL CHAIR CONTROL FOR PHYSICALLY CHALLENGED PERSON USING ANDROID BLUETOOTH TECHNOLOGY
SPEECH BASED WHEEL CHAIR CONTROL FOR PHYSICALLY CHALLENGED PERSON USING ANDROID BLUETOOTH TECHNOLOGY
AIRPORT ELECTRONIC PASSPORT SYSTEM AND TOLL COLLECTION SYSTEM USING RFID TECHNOLOGY
CAN TEST ANALYZER FOR QUALITY TESTING IN AUTOMOBILE PRODUCTION PLANT WITH AUTHORIZED REPORT GENERATION
REMOTE MONITORING OF CAR ENGINE USING CAN AND ZIGBEE PROTOCOLS AN APPLICATION OF WIRELESS DATA ACQUISITION
AUTOMATIC CONTROL OF STUDENTS ATTENDANCE IN CLASSROOMS USING RFID BASED ON SMS REQUEST
SIMPLE RADAR SYSTEM WITH BORDER SECURITY SYSTEM
WIRELESS TRANSFORMER PARAMETER MEASUREMENT AND PROTECTION
EARTHQUAKE DISASTER RESCUE ROBOT
BLUETOOTH EMBEDDED ROBOTIC AGRICULTURE PLOWING, SEEDING AND GRASS CUTTING POWERED BY SOLAR ENERGY
BT EMBEDDED ROBOTIC LAWN MOVER POWERED BY SOLAR ENERGY
SEED SOWING PLOWING AND WASTE GRASS CUTTING ROBOT WITH ANDROID APPLICATION
FLEX & ACCELERATION USED HAND GESTURE CONTROL OF ROBOT WITH MP3 VOICE OUTPUT
HAND GESTURE BASED ROBOT CONTROL WITH PICK AND PLACE OPERATION USING ACCELEROMETER
A REVIEW ON INDUSTRIAL AUTOMATION BY RADIO FREQUENCY BASED WIRELESS REMOTE CONTROLLER USING RENESAS RL78
DESIGN AND CONSTRUCTION OF MICROCONTROLLER BASED WIRELESS REMOTE CONTROLLED INDUSTRIAL ELECTRICAL APPLIANCES USING ZIGBEE TECHNOLOGY
INTELLIGENT REMOTELY DEVICE CONTROLLED SYSTEM FOR INDUSTRIAL ELECTRICAL APPLIANCES THROUGH ZIGBEE WIRELESS NETWORKS
ANDROID - ELECTRONIC STICK AND ANDROID SMARTPHONES TO THE AID OF BLINDLY DISABLED INDIVIDUALS
EMBED - ELECTRONIC STICK FOR VISION CONTROL OF PRE-DEFINED AREA WITH FN-M16P MODULE VOICE ALERT
ACCESSIBLE ELECTRONIC INTERACTION FOR PEOPLE WITH PARTIAL PARALYSIS
HEAD MOVEMENT BASED WIRELESS COMMUNICATION WITH SPEECH ALERT FOR PARALYZED PERSON
CONVEYOR SYSTEM AUTOMATED RESTAURANT MANAGEMENT SYSTEM
ROBOTIC AUTOMATED FOOD SERVICE PROVIDER IS HOTEL WITH ANDROID BASED INDIVIDUAL MENU SYSTEM
EVIDENCE COLLECTION IN AUTOMOTIVE INDUSTRY FOR LEGAL CLAIM
IMPLEMENTING INTELLIGENT TRAFFIC CONTROL SYSTEM FOR CONGESTION CONTROL, AMBULANCE CLEARANCE, AND STOLEN VEHICLE DETECTION
INTEGRATED AND AUTOMATED VEHICLE BAY ARRANGEMENT SYSTEM TO AVOID CONGESTION IN A PUBLIC PARKING AREA
DEMAND SIDE LOAD MANAGEMENT OF SMART GRIDS USING INTELLIGENT TRADING METERING BILLING
REAL TIME AUTOMATION IN PADDY FIELD WITH SECURITY
ANDROID - DESIGN OF AN INTELLIGENT COMBAT ROBOT FOR WAR FIELD
CUSTOMIZED WIRELESS SENSOR NODE TO DETECT HAZARDOUS GAS PIPELINE LEAKAGE
AUTOMATED BOOK PICKING ROBOT FOR LIBRARIES



AN AUTOMATIC EMBEDDED TOLL PLAZA WITH DOCUMENT VERIFICATION AND SPEED DETECTION SYSTEM
CO-OPERATIVE ADAPTIVE CRUISE CONTROL (CACC) BASED ON CAN PROTOCOL USING MICROCHIP
AADHAR CARD BASED BIOMETRICS ELECTRONIC VOTING SYSTEM WITH EMBEDDED SECURITY ALONG WITH REMOTE ACCESS
OPERATION THEATRE AUTOMATION & CONTROL (OTAC)
NICU MONITORING
GSM BASED INDUSTRIAL DISASTER INTIMATION CONTROL SYSTEM (GIDICS)
ATTITUDE AND HEADING REFERENCE (AHRS) SYSTEM FOR AEROSPACE APPLICATION
E GLOVE- PALM AND FINGERPRINT SENSOR GESTURE BASED FOR PICK AND PLACE REMOTELY USING RF TRANSMITTER AND RECEIVER
SOLAR POWERED HOUSE AND TRANSMITTING THE EXTRA POWER TO THE GOVERNMENT MAINS
SATELLITE AND RF ENABLED ASSISTANCE FOR MARINE NAVIGATION
RENESAS BASED RENEWABLE ENERGY - 12V DC POWER GENERATION USING BACK EMF & SOLAR FOR LED LOAD
BIRD - SOLAR POWERED IRRIGATION WITH AUTO CONTROL OF PUMP & SMS ALERT
SPEECH BASED HIGH ALERT BUILDING AUTOMATION AND SECURITY ALERT THROUGH ANDROID WITH EARTHQUAKE ALERT
SPEECH BASED CONTROL & ALERT SYSTEM FOR SENIOR CITIZENS USING ANDROID MOBILE
COIN BASED UNIVERSAL MOBILE BATTERY CHARGER, PURIFIED DRINKING WATER WITH EMERGENCY ALERT SYSTEM
REMOTE VIRTUAL LAB FOR RESEARCH & DEVELOPMENT INDUSTRY USING WIRELESS TECHNOLOGY
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GPS BASED CHILD TRACKING WITH SERVER & SMS ALERT TO PARENTS
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HUMAN DETECTION IN NATURAL DISASTER USING ANDROID TECHNOLOGY
A_ MEMS ACCELEROMETER SENSORS BASED SEMI-AUTOMATED RASH DRIVING
MEMS ACCELEROMETER SENSORS BASED SEMI-AUTOMATED RASH DRIVING & TRAFFIC SIGNAL JUMP DETECTION UNIT
RASH DRIVING DETECTION AND COLLISION (ACCIDENT) AVOIDANCE SYSTEM WITH STEERING CONTROLLED HEADLIGHT MECHANISM OF VEHICLES.
PHYSICAL ACTIVITY AND BEHAVIOUR RECOGNITION OF ONE-TWO YEAR OLD CHILD WITH REAL TIME DATA COLLECTION FOR DOCTORS OBSERVATION
HEALTH @ HOME – REMOTE MONITORING OF VITAL SIGNS
REMOTE CONTROL SYSTEM OF HIGH EFFICIENCY AND INTELLIGENT STREET LIGHTING USING ANDROID SERVER
DESIGNING A COMPLETE VEHICLE IMMOBILIZATION SYSTEM INTEGRATED WITH A PERSONALIZED ALERT MECHANISM
THEFT_ ELECTRICITY ENERGY UNIT LIMITS PER SQFT LAND – RESOURCE MANAGEMENT RESPONSIBILITY PER FAMILY
ANDROID - GESTURE BASED EMAIL ACCESS AND VOICE COMMAND FOR BLIND AND DUMB
HAND GESTURE BASED COMMUNICATION FOR MILITARY AND PATIENT APPLICATION
REAL TIME COMMUNICATION BETWEEN DUMB, DEAF AND BLIND PEOPLE USING VOICE & GESTURE WITH ANDROID
EMBEDDED SYSTEM BASED EYE MOVEMENT & GESTURE BASED COMMUNICATING FOR PARALYZED PERSON
PASSENGER BUS ALERT SYSTEM FOR EASY NAVIGATION WITH SPEECH RECOGNITION
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ANDROID BASED MONITORING HUMAN KNEE JOINT MOVEMENT USING WEARABLE COMPUTING
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HEADLIGHT CENTRAL LOCKING CONTROL USING ANDROID APPLICATION WITH FUEL THEFT VOICE ALERT
INTELLIGENT FOOD MANAGEMENT SYSTEM-MAINTENANCE OF AGRO AND NON-AGRO FOODS IN COLD STORAGE WAREHOUSE
FIRE AVOIDANCE AND ELECTRIC CIRCUIT BREAKER SYSTEM IN TRAIN ALONG WITH ALERTING APPROACHING STATION
PEDESTRIANS SAFETY, ANTI ACCELERATION AND IMAGE INDICATION OF HIGHWAY SIGN BOARD WITH SPEECH ALERT
AUTOMATIC RATION MATERIAL DISTRIBUTIONS BASED ON GSM AND FINGER PRINT SCANNER TECHNOLOGY
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ADVANCED PASSENGER SECURITY SYSTEM FOR RADIO CABS WITH VIDEO TRANSMISSION AND ENHANCED SYSTEM SECURITY WITH BIOMETRIC MODULE
A RECONFIGURABLE SMART SENSOR INTERFACE FOR INDUSTRIAL WSN IN IOT ENVIRONMENT USING WEB SERVER
INDUSTRIAL DATA ACQUISITION SYSTEM WITH SMART WIRELESS SENSOR INTERFACE BASED ON INTERNET OF THINGS USING WIFI NETWORK
ON_ ROAD REAL TIME VEHICLE EMISSION CO2 LEVEL THRESHOLD INSPECTION WITH EMAIL ALERT DOTNET
AIRPORT BAGGAGE CONVEYOR AND VOICE NOTIFICATION USING ANDROID TECHNOLOGY
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FAULT ANALYSIS AND ELECTRICAL PROTECTION OF DISTRIBUTION TRANSFORMER WITH FN-M16P MP3 UNIT
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ROBUST RAILWAY CRACK DETECTION SCHEME (RRCDS) USING LED-LDR ASSEMBLY
ANY TIME MEDICINE
ELDERLY PERSON ACTIVITY TRACKING APPLICATION USING ANDROID SMARTPHONE
DESIGN AND DEVELOPMENT OF OBJECT RECOGNITION AND SORTING ROBOT FOR MATERIAL HANDLING IN PACKAGING AND LOGISTIC INDUSTRIES
CONTROLLING OF ELECTRICAL DEVICES WITH AUTOMATIC ACTIVE PHASE SELECTOR
REMOTE MONITORING AND CONTROLLING OF ELECTRICAL DEVICES WITH AUTOMATIC ACTIVE PHASE SELECTOR
AUTOMATED WASTE SEGREGATOR
CCTV SERVER THEFT DAMAGE EMAIL ALERT AND AUTO VIDEO SAVING TO SAVE DATA RETRIEVAL TIME AND MANPOWER
ANDROID - AN APPROCH FOR MONITORING AND SMART PLANNING OF URBAN SOLID WASTE MANAGEMENT
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ANDROID BASED ON-STREET AND OFF-STREET PARKING AVAILABILITY PREDICTION & SPACE RESERVATION
SMART PARKING FOR COLLEGE USING RFID TECHNOLOGY
ANDROID - IMPLEMENTATION OF SMART CITY MANAGEMENT SYSTEM WITH SPEECH ALERT
SMART CITY AND MANAGEMENT - PARKING, DISASTER, WASTE MANAGEMENT

SMART CITY MANAGEMENT - TRAFFIC SYSTEM, AMBULANCE & STREET LIGHT
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CAN BASED CONTROL UNIT FOR A NOVEL RECONFIGURABLE MICROGRID ARCHITECTURE WITH RENEWABLE ENERGY SOURCES
POT HOLE DETECTION SENSOR ROBOT NOTIFYING ITS LOCATION TO THE LOCAL AUTHORITY VIA ANDROID
PROTOTYPE DEVELOPMENT OF MONITORING SYSTEM IN PATIENT INFUSION WITH WIRELESS SENSOR NETWORK
CAMPUS NAVIGATOR WITH SPEECH ASSISTANCE
ANT SMUGGLING SYSTEM FOR TREES IN FOREST WITH SOLAR POWER GENERATION
ANDROID RAPID ENTIRE BODY POSTURAL ANALYSIS ASSESSMENT DEVICE FOR COMPUTER OPERATORS
AMBUBOT - ROBOTIC AUTOMATED EXTERNAL DEFIBRILLATOR AMBULANCE FOR EMERGENCY MEDICAL SERVICE IN SMART CITIES
MULTIPURPOSE AMBUBOT WITH DISASTER AND FIRE EXTINGUISH MANAGEMENT
GPS BASED VEHICLE TOLL COLLECTION SYSTEM
ALTERNATE ENERGY FROM BUSY ROAD FOR DEVELOPMENT OF SMART CITY - THERMAL & PIEZO
ANDROID BASED DEADLY SCHOOL VAN MONITORING SYSTEM WITH SPEECH ALERT
ANDROID - DESIGN AND IMPLEMENTATION OF AUTOMATED BLOOD BANK USING EMBEDDED SYSTEMS

AI	IEEE LATEST PROJECTS ON IOT WITH MACHINE LEARNING
IAI001	FABRICATION OF AGRIBOT WITH CROP PREDICTION USING MACHINE LEARNING
IAI002	DESIGNING OF AN AUTOMATED SYSTEM FOR IDENTIFICATION AND RECKONING OF LIVESTOCK
IAI003	MULTIAGENT ARCHITECTURE FOR BRIDGE CAPACITY MEASUREMENT SYSTEM USING WIRELESS SENSOR NETWORK AND WEIGHT IN MOTION
IAI004	ANALYSIS AND PREDICTION OF AIR QUALITY MONITORING SYSTEM USING MACHINE LEARNING
IAI005	INFANT CARE ASSISTANT USING MACHINE LEARNING, AUDIO PROCESSING IMAGE PROCESSING, AND IOT SENSOR NETWORK
IAI006	AN INTERNET OF THINGS (IOT) BASED SMART WASTE MANAGEMENT AND MONITORING SYSTEM
IAI007	A WIRELESS SENSOR NETWORK BASED LOW COST AND ENERGY EFFICIENT FRAME WORK FOR PRECISION AGRICULTURE
IAI008	IOT BASED TRAFFIC SIGN DETECTION AND VIOLATION CONTROL
IAI009	FABRICATION OF AGRIBOT WITH GREEN LEAF DISEASE DETECTION SYSTEM
IAI010	EFFICIENT CROP YIELD PREDICTION SYSTEM USING MACHINE LEARNING
IAI011	RTO SURVAILANCE SYSTEM WITH INTELLIGENT AMBULANCE DETECTION AND BLIND SPOT TRAFFIC LIGHT DETECTION
IAI012	AN INTERNET OF THINGS (IOT) BASED SMART CITY MANAGEMENT
IAI013	THE PROSPECTIVITY OF BIOSENSING IN ENVIRONMENTAL MONITORING FOR BIOSECURITY
IAI014	IDENTIFICATION AND RECKONING OF LIVESTOCK FOR CATTLE FARMING USING IOT
IAI015	AUTOMATED SURVEILLANCE ROBOT FOR HIGH ALTITUDE REGIONS
IAI016	IMAGE PROCESSING BASED POTHOLE DETECTING SYSTEM FOR DRIVING ENVIRONMENT
IAI017	HEART DISEASE PREDICTION USING IOT AND ML BASED HEALTH MONITORING SYSTEM
IAI018	MONITORING AND MAINTENANCE OF HIGHWAY BRIDGES USING WIRELESS SENSOR NETWORKS
IAI019	MYRIO BASED MOBILE ROBOT FOR RESCUE COMPETITIONS
IAI020	BIOMETRIC BASED SECURED REMOTE ELECTRONIC VOTING SYSTEM
IAI021	INTERNET OF THINGS(IOT) FOR BANK LOCKER SECURITY SYSTEM

<b>IAI022</b>	24X7 SMART IOT BASED INTEGRATED HOME SECURITY SYSTEM
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<b>DP</b>	<b>IEEE LATEST DEEP LEARNING BASED PROJECT TITLES</b>
<b>IDP001</b>	AN INTERNET OF THINGS BASED SMART WASTE MANAGEMENT SYSTEM USING LORA AND TENSORFLOW DEEP LEARNING MODEL
<b>IDP002</b>	TENSORFLOW DEEP LEARNING MODEL AND IOT DRIVEN SMART CITY PROTOTYPE WITH LORA
<b>IDP003</b>	A NEW IOT GATEWAY FOR ARTIFICIAL INTELLIGENCE IN AGRICULTURE
<b>IDP004</b>	DRIVER INATTENTION MONITORING SYSTEM BASED ON THE ORIENTATION OF THE FACE USING CONVOLUTIONAL NEURAL NETWORK
<b>IDP005</b>	REVERSE DISPENSING MACHINE USING DEEP LEARNING
<b>IDP006</b>	DEEP LEARNING BASED ROBOT FOR AUTOMATICALLY PICKING UP GARBAGE
<b>IDP007</b>	AI BASED VOICE ASSISTANT SYSTEM FOR VISUALLY IMPAIRED PERSON
<b>IDP008</b>	REAL TIME FACE RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK
<b>IDP009</b>	ARTIFICIAL INTELLIGENCE AND AUGMENTED REALITY DRIVEN HOME AUTOMATION
<b>IDP010</b>	CONVOLUTIONAL NEURAL NETWORK BASED WORKING MODEL OF SELF DRIVING CAR - A STUDY
<b>IDP011</b>	DEEP LEARNING BASED SMART GARBAGE CLASSIFIER FOR EFFECTIVE WASTE MANAGEMENT
<b>IDP012</b>	AI BASED PILOT SYSTEM
<b>IDP013</b>	CONVOLUTIONAL NEURAL NETWORK IOT BASED TRAFFIC SIGN DETECTION AND VIOLATION CONTROL

<b>ML</b>	<b>IEEE LATEST MACHINE LEARNING BASED PROJECT TITLES</b>
<b>IML001</b>	CLOUD BASED FACE AND SPEECH RECOGNITION FOR ACCESS CONTROL APPLICATIONS
<b>IML002</b>	AUTOMATED EVALUATION OF COVID-19 RISK FACTORS COUPLED WITH REAL-TIME, INDOOR, PERSONAL LOCALIZATION DATA FOR POTENTIAL DISEASE IDENTIFICATION, PREVENTION AND FACE MASK DETECTION
<b>IML003</b>	DEVELOPMENT OF A HAND HELD DEVICE FOR AUTOMATIC LICENSE PLATE RECOGNITION
<b>IML004</b>	RASPBERRY PI BASED WEARABLE READER FOR VISUALLY IMPAIRED PEOPLE WITH HAPTIC FEEDBACK
<b>IML005</b>	READER AND OBJECT DETECTOR FOR BLIND
<b>IML006</b>	LOW - COST VISUALLY SERVOED TRACKED VEHICLE
<b>IML007</b>	DEVELOPMENT OF MULTI SECURE ACCESS - SMART SUITCASE SECURITY SYSTEM
<b>IML008</b>	FIRE ALARM SYSTEM FOR SMART CITIES USING EDGE COMPUTING
<b>IML009</b>	SMART DOOR UNLOCKING USING FACE RECOGNITION AND BLINK DETECTION
<b>IML010</b>	A WEARABLE, EEG - BASED MASSAGE HEADBAND FOR ANXIETY ALLEVIATION
<b>IML011</b>	VOICE CONTROLLED HOME AUTOMATION USING RASPBERRY PI
<b>IML012</b>	BIOMETRIC SYSTEM BASED ELECTRONIC VOTING MACHINE USING RASPBERRY PI
<b>IML013</b>	RASPBERRY PI BASED GLOBAL INDUSTRIAL PROCESS MONITORING THROUGH WIRELESS COMMUNICATION
<b>IML014</b>	SMART ROOMS FOR POWER SAVING USING VIDEO PROCESSING
<b>IML015</b>	RASPBERRY PI BASED VIDEO SURVEILLANCE SYSTEM FOR ADVANCE SECURITY
<b>IML016</b>	A NOVEL APPROACH FOR COMMUNICATION AMONG BLIND, DEAF AND DUMB PEOPLE
<b>IML017</b>	DETECTION OF VEHICLE MAXIMUM SPEED WITH AN INFRARED SENSOR BASED ON RASPBERRY PI 3 B+

<b>IML018</b>	A LOW COST WEB BASED REMOTE MONITORING SYSTEM WITH BUILT IN SECURITY FEATURE FOR VULNERABLE ENVIRONMENT
<b>IML019</b>	SIXTH SENSE DEVICE - RASPBERRY PI BASED GESTURAL INTERFACE
<b>IML020</b>	RASPBERRY PI BASED CRUISE CONTROL MECHANISM IN TRAFFIC SITUATION

<b>VL</b>	<b>VLSI BASED PROJECT TITLES</b>
<b>VL001</b>	A RECONFIGURABLE LDPC DECODER OPTIMIZED FOR 802.11N/AC APPLICATIONS
<b>VL002</b>	COMPOSITE FIELD ARITHMATIC BASED S-BOX FOR AES ALGORITHM
<b>VL003</b>	SMALL AREA HIGH SPEED CONFIGURABLE FFT PROCESSOR FOR 5G
<b>VL004</b>	FPGA IMPLEMENTATION OF HIGH SPEED DIGITAL PULSE WIDTH MODULATOR (DPWM) TECHNIQUE FOR DC-DC CONVERTER
<b>VL005</b>	APPROXIMATE SUM-OF- PRODUCTS DESIGNS BASED ON DISTRIBUTED ARITHMETIC
<b>VL006</b>	HIGH PERFORMANCE DATA ENCRYPTION WITH AES IMPLEMENTATION ON FPGA
<b>VL007</b>	AN EFFICIENT HARDWARE ARCHITECTURE OF CODEC2 LOW BIT-RATE SPEECH DECODER
<b>VL008</b>	DESIGN OF CRYPTOGRAPHIC MODEL FOR END-END ENCRYPTION IN FPGA BASED SYSTEMS
<b>VL009</b>	FLEXIBLE CONFIGURED OFDM FOR 5G AIR INTERFACE
<b>VL010</b>	DESIGN AND IMPLEMENTATION OF HIGH PRECISION FLOATING POINT UNIT FOR NEURAL NETWORK
<b>VL011</b>	FPGA IMPLEMENTATION OF VITERBI DECODER FOR SOFTWARE DEFINED RADIO APPLICATIONS
<b>VL012</b>	A 3.2 -GHZ SUPPLY NOISE-INSENSITIVE PLL USING A GATE -VOLTAGE-BOOSTED SOURCE-FOLLOWER REGULATOR AND RESIDUAL NOISE CANCELLATION
<b>VL013</b>	DESIGN OF HIGH SPEED LIFTING BASED DWT USING 9/7 WAVELET TRANSFORM FOR IMAGE COMPRESSION
<b>VL014</b>	A HIGH -ACCURACY PROGRAMMABLE PULSE GENERATOR WITH A 10-PS TIMING RESOLUTION
<b>VL015</b>	A VARIABLE - SIZE FFT HARDWARE ACCELERATOR BASED ON MATRIX TRANSPOSITION
<b>VL016</b>	ALGORITHM AND VLSI ARCHITECTURE DESIGN OF PROPORTIONATE-TYPE LMS ADAPTIVE FILTERS FOR SPARSE SYSTEM IDENTIFICATION
<b>VL017</b>	COMBATING DATA LEAKAGE TROJANS IN COMMERCIAL AND ASIC APPLICATIONS WITH TIME-DIVISION MULTIPLEXING AND RANDOM ENCODING
<b>VL018</b>	FPGA IMPLEMENTATION OF HYBRID FIXED POINT - FLOATING POINT MULTIPLICATION
<b>VL019</b>	THE DEVELOPMENT PROCESS OF AN UART CHIP ON FPGA FOR DRIVING EMBEDDED DEVICES
<b>VL020</b>	IMPLEMENTATION OF ZIGBEE TRANSMITTER USING VERILOG
<b>VL021</b>	LOW - COMPLEXITY VLSI DESIGN OF LARGE INTEGER MULTIPLIERS FOR FULLY HOMOMORPHIC
<b>VL022</b>	THE DEVELOPMENT PROCESS OF AN SPI CHIP ON FPGA FOR DRIVING EMBEDDED DEVICES
<b>VL023</b>	VECTOR PROCESSING - AWARE ADVANCED CLOCK- GATING TECHNIQUES FOR LOW POWER FUSED MULTIPLY -ADD

<b>M</b>	<b>MATLAB BASED PROJECTS</b>
<b>IM001</b>	AN AUTOMATIC MEASUREMENT OF THE TRAFFIC SIGN WITH DIGITAL SEGMENTATION AND RECOGNITION
<b>IM002</b>	AUTOMATIC DETECTION AND RECOGNITION OF TEXT BASED TRAFFIC SIGNS FROM IMAGES
<b>IM003</b>	ENHANCED CHARACTER RECOGNITION USING DEEP NEURAL NETWORK
<b>IM004</b>	INTELLIGENT REMOTE MONITORING OF PARKING SPACES USING LICENSED AND UNLICENSED WIRELESS TECHNOLOGIES
<b>IM005</b>	SMART HOME AUTOMATION USING COMPUTER VISION AND SEGMENTED IMAGE PROCESSING

<b>IM006</b>	AN AUTOMATIC ATTENDANCE SYSTEM USING IMAGE PROCESSING
<b>IM007</b>	FACE RECOGNITION AND RFID VERIFIED ATTENDANCE SYSTEM
<b>IM008</b>	GARBAGE MANAGEMENT USING INTERNET OF THINGS
<b>IM009</b>	IMPROVED VEHICLE COLLISION AVOIDANCE SYSTEM
<b>IM010</b>	MOVING OBJECT DETECTION WITH AN IP CAMERA
<b>IM011</b>	HAND WRITTEN OCR BASED IMAGE TEXT TO SPEECH CONVERSATION & DOCUMENT USING MATLAB
<b>IM012</b>	SMART E-DUSTBIN
<b>IM013</b>	REAL TIME TWO WAY COMMUNICATION APPROACH FOR HEARING IMPAIRED AND DUMB PERSON BASED ON IMAGE PROCESSING
<b>IM014</b>	FACE RECOGNITION AND DETECTION USING NEURAL NETWORKS AND MACHINE LEARNING
<b>IM015</b>	SMART PARKING USING IMAGE PROCESSING
<b>IM016</b>	DIGITAL DERMATOLOGY SKIN DISEASE DETECTION MODEL USING IMAGE PROCESSING
<b>IM017</b>	VISUAL ASSISTANCE FOR BLIND USING IMAGE PROCESSING
<b>IM018</b>	DESIGN OF A VEHICLE DRIVER DROWSINESS DETECTION SYSTEM THROUGH IMAGE PROCESSING USING MATLAB
<b>IM019</b>	AREA AND ENERGY EFFICIENT VITERBI ACCELERATOR FOR EMBEDDED PROCESSOR DATAPATHS
<b>IM020</b>	RELIABLE LOW-LATENCY VITERBI ALGORITHM ARCHITECTURES BENCHMARKED ON ASIC AND FPGA
<b>IM021</b>	PIPLINED 8-BIT RISC PROCESSOR DESIGN USING VERILOG HDL ON FPGA
<b>IM022</b>	AN EFFICIENT VLSI ARCHITECTURE FOR DATA ENCRYPTION STANDARD AND ITS FPGA IMPLEMENTATION
<b>IM023</b>	FPGA IMPLEMENTATION OF CHANNEL EMULATOR FOR TESTING OF WIRELESS AIR INTERFACE USING VHDL
<b>IM024</b>	VHDL IMPLEMENTATION OF SELF-TIMED 32-BIT FLOATING POINT MULTIPLIER WITH CARRY LOOK AHEAD ADDER
<b>IM025</b>	VLSI IMPLEMENTATION OF LOW PASS FIR FILTER AND ANALYSIS USING MATLAB
<b>IM026</b>	FFT IP CORE
<b>IM027</b>	FPGA IMPLEMENTATION OF DIGITAL PULSE WIDTH MODULATOR (DPWM) TECHNIQUES FOR DC-DC CONVERTERS
<b>IM028</b>	FPGA DESIGN AND IMPLEMENTATION OF DIGITAL PWM TECHNIQUE FOR DC-DC CONVERTERS
<b>IM029</b>	ARCHITECTURE IMPLEMENTATION OF DWT
<b>IM030</b>	VLSI IMPLEMENTATION OF A SINGLE -CYCLE PROCESSOR FOR A SUBSET OF THE MIPS ARCHITECTURE IN VERILOG HDL(HARDWARE DESCRIPTION LANGUAGE)
<b>IM031</b>	PORTABLE CAMERA -BASED ASSISTIVE TEXT AND PRODUCT LABEL READING FROM HANDHELD OBJECTS FOR BLIND PERSONS
<b>IM032</b>	AUTOMATIC CLASSIFICATION OF INTRACARDIAC MASSES IN ECHO CARDOGRAPH BASED ON SPARSE REPRESENTATION
<b>IM033</b>	FAST AND ADAPTIVE DETECTION OF PULMONARY NODULES IN THORACIC CT IMAGES USING HIERARCHICAL VECTOR QUANTIZATION
<b>IM034</b>	CLOTHING COLOR & PATTERN RECOGNITION FOR VISUALLY IMPAIRED PEOPLE
<b>IM035</b>	TRANSMISSION LINE FAULTS CLASSIFICATION USING WAVELET/FFT TRANSFORM
<b>IM036</b>	LOSSLESS IMAGE COMPRESSION TECHNIQUE USING COMBINATION OF LZW AND BCH CODES
<b>IM037</b>	COMPLETE BLOOD CHECK USING IMAGE PROCESSING
<b>IM038</b>	ROSE HARVESTING SYSTEM USING IMAGE PROCESSING
<b>IM039</b>	SLEEP DETECTION SYSTEM USING MATLAB IMAGE PROCESSING

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