

IEEE PROJECTS LIST -2018

| CODE | IOT (INTERNET OF THINGS) BASED PROJECTS |
|--------------|---|
| ABT_IOT_001 | Petrochemical Level Indicator and Controller For automation of cotton purification process in spinning mills with IOT |
| ABT_IOT_002 | Patient Health Monitoring (Heart Beat And Body Temperature) With Doctor Alert Reporting Over Internet Of Things |
| ABT_IOT_003 | Movable Road Divider For Organized Vehicular Traffic Control With Monitoring Over Internet Of Things (IOT) |
| ABT_IOT_004 | Automation of dry-wet dust collection to support Swachh Bharat Abhiyaan and monitoring over Internet of Things (IOT) |
| ABT_IOT_005 | Advanced Aircraft anti-collision system using Zigbee communication and reporting to ground station over internet of things (IoT) |
| ABT_IOT_006 | Implementation of model RADAR target direction identifier with remote monitoring over internet of things (IoT) platform |
| ABT_IOT_007 | IOT Based Smart Energy Meter Monitoring and Controlling. |
| ABT_IOT_008 | Finger print based attendance system using IOT message alert |
| ABT_IOT_009 | Automated Smart Parking System using Internet of Things (IOT). |
| ABT_IOT_010 | IOT based Noise Pollution monitoring in Urban and Rural areas Sound Monitoring in important zone like school, hospital, residential, factory etc. |
| ABT_IOT_011 | Automatic movable railway platform with train arrival detection and monitoring over internet of things (IoT) |
| ABT_IOT_012 | Weather station monitoring over internet of things (IoT) |
| ABT_IOT_013 | Advanced railway track fault detection and reporting over internet of things (IOT) |
| ABT_IOT_014 | Wireless Sensor Networking And Data Monitoring Over Internet Of Things. |
| ABT_IOT_015 | Smart Fire Extinguisher Robot over IOT |
| ABT_IOT_0016 | IOT based Smart Parking in busy city environment. |
| ABT_IOT_0017 | Underground cable fault distance identifier over internet of things (IOT) Platform |

ABT_IOT_0018 IOT based Automatic plant irrigation system with dry / wet soil sense for agricultural applications monitoring over IOT

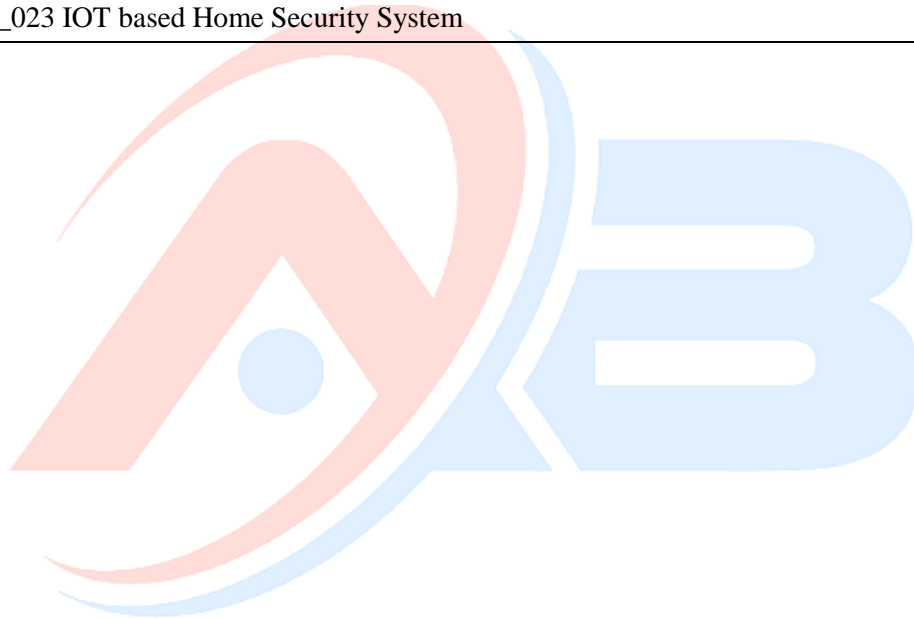
ABT_IOT_0019 Super Sensitive Industrial Security System With 60db Loud Siren And Monitoring Over IOT.

ABT_IOT_020 Programmable Temperature Monitor And Controller For Industrial Boiler & Ovens Using IOT.

ABT_IOT_021 Industrial device control over IOT based WiFi Module

ABT_IOT_0022 IOT based Traffic Congestion and warning systems.

ABT_IOT_023 IOT based Home Security System



| CODE | TOUCH SCREEN/HAPTIC TECHNOLOGY |
|------------|---|
| ABT_TS_001 | IMAGE BASED PASSWORD AUTHENTICATION FOR ILLITERATES WITH TOUCH SCREEN |
| ABT_TS_002 | Touch screen operated liquid dispensing system |
| ABT_TS_003 | Touch screen and RFID based ticket booking system |
| ABT_TS_004 | Touch Screen based Industrial digital devices control system. |
| ABT_TS_005 | Touch screen based Accurate temperature monitoring and Control System with LCD |
| ABT_TS_006 | Touch screen operated Volumetric Oil Dispenser. |
| ABT_TS_007 | Touch screen controlled DC motor speed and direction controlling system |
| ABT_TS_008 | Touch screen based wireless Nurse/ attendant calling system for Physically Impaired |
| ABT_TS_009 | Resistive Touch screen controlled contact less speed monitoring and controlling |
| ABT_TS_010 | Touch screen and Smart Card based prepaid Ticket Booking system |
| ABT_TS_011 | Touch screen controlled PC |
| ABT_TS_012 | Talking Touch Home(TTH) |
| ABT_TS_013 | Touch Screen Based Wireless Menu ordering System for Restaurants. |
| ABT_TS_014 | Bank locker accessing using Touchscreen |
| ABT_TS_015 | Touch screen controlled lamp dimmer for next generation apartments. |
| ABT_TS_016 | Wireless Talking Touch Home(WTTH) |
| ABT_TS_017 | Next generation E voting system for blind using Touch screen Interface and Voice Feedback for Elderly and Bli |
| ABT_TS_018 | 4-wire resistive Touchscreen controlled Robot |
| ABT_TS_019 | Touchscreen based wheel chair control system |

MEMS BASED PROJECTS

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|------------|--|
| ABT_MS_001 | MEMS Accelerometer Controlled Robot |
| ABT_MS_002 | Design and construction of MEMS based tilt operated touch free mobile phone |
| ABT_MS_003 | Gestured controlled AC lamp dimmer |
| ABT_MS_004 | MEMS Accelerometer controlled self balancing ROBOT |
| ABT_MS_005 | MEMS Accelerometer based Head movement controlled Firefight Robot |
| ABT_MS_006 | MEMS Accelerometer controlled tilt sensing for Avionics applications |
| ABT_MS_007 | Selective Device Activation for Power Reduction in Accelerometer - Based wearable guidance for Patient |
| ABT_MS_008 | Hand movement based fan speed controlling system |
| ABT_MS_009 | Hand Gestures controlled Intelligent Wheel chair |
| ABT_MS_010 | Gestures controlled intelligent wheel chair with wireless device switching and voice announcement |
| ABT_MS_011 | |
| ABT_MS_012 | Gestures controlled speaking Microcontroller for Physically challenged peoples |
| ABT_MS_013 | Head movement based voice enabled wireless device switching for Physically challenged |
| ABT_MS_014 | |
| ABT_MS_015 | Automatic fall detection and Heartbeat monitoring for elderly. |
| ABT_MS_016 | Wireless vibration monitoring system of industrial equipments (Also useful for bridges monitoring) |
| ABT_MS_017 | GESTURE CONTROLLED SPY ROBO WITH VIDEO CAPTURE |

SPECIAL SENSORS(EYE BLINK, PRESSURE SENSOR,HEART BEAT,

| | |
|-------------|--|
| ABT_SEN_001 | ACCIDENT PREVENTION USING EYE BLINK SENSOR |
| ABT_SEN_002 | Eye Blink Based wheel chair control |
| ABT_SEN_003 | Real time Drowsyness detection system with GSM and Eyeblink sensor |
| ABT_SEN_004 | Drowsy Driver Detection And Alerts |
| ABT_SEN_005 | Anti drowsy water sprinkler in vehicles |
| ABT_SEN_006 | Hall-effect sensor based non-contact DC motor speed monitoring and display system with high speed alerts |
| ABT_SEN_007 | Body movement recognition and alerting system based on Flex sensor |
| ABT_SEN_008 | Hand talk using flex sensor |
| ABT_SEN_009 | Implementation of tire Pressure Monitoring System with wireless communication |
| ABT_SEN_010 | Wireless Tire pressure monitoring system using GSM Techanology |
| ABT_SEN_011 | Home or Industrial Security System based on smoke,gas and Fire sensors |
| ABT_SEN_012 | HEART BEAT MONITORING WITH DISPLAY ON LCD |
| ABT_SEN_013 | Real time Heart beat monitoring System using GSM |
| ABT_SEN_014 | Alcohol detector for car with seat belt sending and SMS alerts |
| ABT_SEN_015 | Solar powered vehicle or car with ultrasonic sensors (LCD voltage display) |
| ABT_SEN_016 | Wireless Patient Body Temperature and Heart beat monitoring System |
| ABT_SEN_017 | Obstacle Avoidance and Manhole detection Electronic travel aid Robot for blind |
| ABT_SEN_018 | Checking & Auto control water level using wireless sensor |
| ABT_SEN_019 | Risk Awareness System in Railway and Environment Control |
| ABT_SEN_020 | Wireless Sensor Network For Multi-Storey Building |
| ABT_SEN_021 | AUTOMATIC DOOR OPENING,ROOM ILLUMINATION AND FAN SPEED CONTROL SYSTEM USING MULTIPLE SEN |

ANDRIOD BASED PROJECTS

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|------------|--|
| ABT_AN_001 | Android operated Intelligent 230v AC Lamp Dimmer |
| ABT_AN_002 | Android Password Based Remote Door Opener System |
| ABT_AN_003 | Android Controlled Railway Level Gate Control |
| ABT_AN_004 | Android Controlled Fire Fighter Robot |
| ABT_AN_005 | Android Controlled Spy Robot with Night Vision Camera |
| ABT_AN_006 | Android Controlled Automobile |
| ABT_AN_007 | Voice Based Notice Board Using Android |
| ABT_AN_008 | Voice Controlled Robotic Vehicle |
| ABT_AN_009 | Android Military Spying & Bomb Disposal Robot |
| ABT_AN_010 | Android Controlled Wildlife Observation Robot |
| ABT_AN_011 | Android Controlled Robotic Arm |
| ABT_AN_012 | Android Antenna Positioning System |
| ABT_AN_013 | Android Smart phone based temperature data logger |
| ABT_AN_014 | Smart phone Android Operated Robot |
| ABT_AN_015 | Android speech recognition controlled intelligent Wheel chair |
| ABT_AN_016 | Android Smart phone based detection and communication system |
| ABT_AN_017 | Android Home Automation Using PIC |
| ABT_AN_018 | Android controlled scrolling LED message display |
| ABT_AN_019 | Aquatic water quality monitoring system using Bluetooth. |
| ABT_AN_020 | Android speech recognition based Home automation |
| ABT_AN_021 | Google Android Smart phone Based DC Motor Speed and Direction Control System |
| ABT_AN_022 | Android Based Color Recognition |
| ABT_AN_023 | ANDROID CONTROLLED SMART WEIGHING MACHINE |
| ABT_AN_024 | RAILWAY LEVEL CROSSING GATE OPERATION REMOTELY BY ANDROID |
| ABT_AN_025 | Secured wireless communication for industrial automation and control |

DTMF BASED PROJECTS

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|------------|---|
| ABT_DT_001 | DTMF controlled bomb detecting robot |
| ABT_DT_002 | DTMF Based Remote appliance Control System using Mobile Phone |
| ABT_DT_003 | DTMF controlled Robot. |
| ABT_DT_004 | DTMF controlled soil moisture sensor. |
| ABT_DT_005 | Wireless Mobile Phone(DTMF) controlled irrigation motor or AC appliances 1 |
| ABT_DT_006 | DTMF based human less boat control for ocean research |
| ABT_DT_007 | DTMF controlled PC |
| ABT_DT_008 | DTMF mobile phone controlled dam water gates controlling system |
| ABT_DT_009 | DTMF controlled Live Human Being Detecting Robot |
| ABT_DT_010 | Mobile phone DTMF technology controlled 3-phase irrigation motor control system |
| ABT_DT_011 | MOBILE PHONE (DTMF) controlled Pick and Place Robot |
| ABT_DT_012 | Secure Password Protected Bank Locker Controlling using Mobile Technologies |
| ABT_DT_013 | |
| ABT_DT_014 | |
| ABT_DT_015 | |

ZIGBEE/XBEE/RF BASED PROJECTS

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|------------|---|
| ABT_ZB_001 | RF BASED WIRELESS ELECTRICAL DEVICES MONITORING AND CONTROL SYSTEM |
| ABT_ZB_002 | Smart Wireless Temperature Data Logger using Zigbee Protocol |
| ABT_ZB_003 | Touch screen and Zigbee based Home automation system |
| ABT_ZB_004 | |
| ABT_ZB_005 | |
| ABT_ZB_006 | Real-time industrial automation based on GSM and wireless Zigbee |
| ABT_ZB_007 | Industrial SCADA based on Zigbee for temperature and water level |
| ABT_ZB_008 | Zigbee based wireless Energy Meter reading and logging system on PC |
| ABT_ZB_009 | |
| ABT_ZB_010 | MEMS and Zigbee controlled PC |
| ABT_ZB_011 | Zigbee based power management system |
| ABT_ZB_012 | |
| ABT_ZB_013 | REALTIME PANTRY INFORMATION SYSTEM USING ZIGBEE |
| ABT_ZB_014 | |
| ABT_ZB_015 | Speed and direction control of dual stepper motors using ZIGBEE Technology |
| ABT_ZB_016 | TOUCH SCREEN AND ZIGBEE BASED LIBRARY AUTOMATION USING RFID |
| ABT_ZB_017 | ZigBee Based Intelligent Helmet for Coal Miners |
| ABT_ZB_018 | A Zigbee based Wearable Physiological Parameters Monitoring System |
| ABT_ZB_019 | Innovative Congestion Control System for Ambulance using Zigbee Technology |
| ABT_ZB_020 | DEVELOPMENT OF ZIGBEE BASED STREET LIGHT SYSTEM |
| ABT_ZB_021 | Industrial parameters monitoring and crane controlling using Zigbee |
| ABT_ZB_022 | Centralized Heart Rate Monitoring Telemetry System Using Zigbee |
| ABT_ZB_023 | |
| ABT_ZB_024 | Hazardous Gas Detecting Method Applied in Coal Mine Detection |
| ABT_ZB_025 | DEVELOPMENT OF COAL MINE SAFETY SYSTEM USING WIRELESS SENSOR NETWORK |
| ABT_ZB_026 | WIRELESS REMOTE CONTROLLED PPT SLIDE CHANGER |
| ABT_ZB_027 | A Reliable Transmission Protocol for Zigbee based Wireless Patient Monitoring |
| ABT_ZB_028 | Zigbee based remote controlled robot with wireless video camera |
| ABT_ZB_029 | Zigbee and PC controlled Notice Board LED display |

PC BASED PROJECTS

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|------------|--|
| ABT_PS_001 | PC BASED INDUSTRIAL APPLIANCES CONTROL |
| ABT_PS_002 | PC BASED DC MOTOR CONTROL |
| ABT_PS_003 | PC BASED STEPPER MOTOR CONTROL |
| ABT_PS_004 | PC Controlled wired Robot |
| ABT_PS_005 | Intelligent Gestured controlled PC |
| ABT_PS_006 | PC BASED LIGHT AND FAN CONTROL |
| ABT_PS_007 | PC BASED TEMP DATA LOGGER |
| ABT_PS_008 | PC BASED COLLEGE BELL WITHOUT USING RTC |
| ABT_PS_009 | PC BASED NOTICE BOARD DISPLAY |
| ABT_PS_010 | Microcontroller based Heartbeat Monitor with Display on PC |
| ABT_PS_011 | EMPLOYEE LOG SYSTEM USING PC AND RFID |
| ABT_PS_012 | PC based wireless War field Robot |
| ABT_PS_013 | HIGH VOLTAGE FUSE BLOWN INDICATOR USING PC |
| ABT_PS_014 | PC based Multipurpose Robot with Wireless AV Camera |
| ABT_PS_015 | Robot controlled by PC with Head Lamp and Night Vision |



GSM BASED PROJECTS

| | |
|------------|---|
| ABT_GS_001 | Power grid devices monitoring and control system using GSM with auto fcing |
| ABT_GS_002 | Password protected GSM based device control |
| ABT_GS_003 | GSM based smart information system for lost ATM card using RFID |
| ABT_GS_004 | Patients monitoring system using GSM and Zigbee for hospitals and old aged Homes |
| ABT_GS_005 | |
| ABT_GS_006 | GSM based heart beat monitoring system |
| ABT_GS_007 | Automatic taxi Trip Sensing and Indicating System through GSM |
| ABT_GS_008 | A Remote measurement and control system for Green |
| ABT_GS_009 | Electronic eye dial up. |
| ABT_GS_010 | GSM based Student data accquisition. |
| ABT_GS_011 | GSM based digital notice board with display on PCmonitor. |
| ABT_GS_012 | GSM based digital Notice board with display on Scrolling LED Display |
| ABT_GS_013 | GSM based SCADA (Supervisory Control and Data Acquisition) implementation. |
| ABT_GS_014 | Pre-paid Energy meter using GSM. |
| ABT_GS_015 | Temperature based Fan speed controller |
| ABT_GS_016 | UPS battery monitoring system over GSM for high availability systems (banking/finance/medical etc) |
| ABT_GS_017 | GSM based school children security system based on RFID |
| ABT_GS_018 | |
| ABT_GS_019 | Real-time industrial automation based on GSM and wireless Zigbee |
| ABT_GS_020 | |
| ABT_GS_021 | Forest fire and rainfall monitoring system using GSM technology |
| ABT_GS_022 | Street Light monitoring and control system using GSM based mobile phone |
| ABT_GS_023 | Intelligent damreservoir water monitoring and control system based on GSM |
| ABT_GS_024 | Automatic Measurement and Reporting System |
| ABT_GS_025 | |
| ABT_GS_026 | Vehicles Count and Speed Display system for highways and high speed alerts with vehicle number using RFID a |
| ABT_GS_027 | |
| ABT_GS_028 | PIR and GSM based home security system |
| ABT_GS_029 | GSM based SCADA implementation for industrial applications with fencing security system |
| ABT_GS_030 | Industrial monitoring and controlling system using GSM with fencing auto alerts |
| ABT_GS_031 | DESIGN AND DEVELOPMENT OF SMS BASED CAR ENGINE CONTROL SYSTEM TO PREVENT CAR THEFT |
| ABT_GS_032 | VIRTUAL PASSWORD BASED SECURITY ACCESS SYSTEM |
| ABT_GS_033 | High security based bank locker security system with gsm and shocking system |
| ABT_GS_034 | Real time Drowsyness detection system with GSM |
| ABT_GS_035 | Automatic Transformer Load sharing system with SMS alerts |
| ABT_GS_036 | Home Security System based on LPG gas, Smoke and Fire Sensors with SMS based alerts |
| ABT_GS_037 | A Remote measurement and control system for Green house based on GSM-SMS |
| ABT_GS_038 | Voice enable device switching for physically challenged and emergency alerts through SMS |
| ABT_GS_039 | |
| ABT_GS_040 | UNDER GROUND CABLE FAULT DISTANCE CALUCULATOR WITH GSM |
| ABT_GS_041 | FEEDBACK BASED IRRIGATION SYSTEM |

GPS BASED PROJECTS

| | |
|------------|---|
| ABT_GP_001 | GPS based vehicle location tracking system |
| ABT_GP_002 | Automated bus-stop alerts for passengers using GPS. |
| ABT_GP_003 | GPS Based Train-Bus Station Indication System with display on LCD. |
| ABT_GP_004 | GPS based border alert system for fishermen with boat speedometer |
| ABT_GP_005 | Wireless bluetooth enabled GPS receiver data logger |
| ABT_GP_006 | GPS BASED STATION NAME AND DOOR CONTROL |
| ABT_GP_007 | GPS and GSM based Vehicle Tracking System with Accident Identification |
| ABT_GP_008 | Microcontroller and voice based alerting system for blind people |
| ABT_GP_009 | GPS and GSM based office cab monitoring System. |
| ABT_GP_010 | Pedestrian Navigation System with Fall Detection and Energy Expenditure Calculation |
| ABT_GP_011 | Wireless Speedo meter for boat/ship with speed and location limit alerts |
| ABT_GP_012 | BLIND PERSON NAVIGATION SYSTEM USING GPS & VOICE ANNOUNCEMENT |
| ABT_GP_013 | GPS and GSM based Real-time Human Health Monitoring and Alert System for Cardiac patients |
| ABT_GP_014 | Location driven car music player |
| ABT_GP_015 | GPS-GSM Integration for Enhancing Public Transportation management Services |
| ABT_GP_016 | |
| ABT_GP_017 | Implementation of Location Based Advertisement System using GPS and LCD |
| ABT_GP_018 | GPS AND GSM BASED WIRELESS SMART WALKING STICK |
| ABT_GP_019 | |
| ABT_GP_020 | |

RFID/SMART CARD/FINGERPRINT BASED PROJECTS

| | |
|--------------|---|
| ABT_RFID_001 | RFID based Highway toll collection System |
| ABT_RFID_002 | RFID based vehicle access control system. |
| ABT_RFID_003 | RFID based automatic car parking system. |
| ABT_RFID_004 | MICROCONTROLLER AND RFID BASED INTRUSION AVOIDANCE SYSTEMS |
| ABT_RFID_005 | RFID warehouse Robot |
| ABT_RFID_006 | RFID based farmhouse animal identification system |
| ABT_RFID_007 | RFID based security access and attendance system |
| ABT_RFID_008 | GSM based school children security system based on RFID |
| ABT_RFID_009 | RFID based digital library system and alerts |
| ABT_RFID_010 | Vehicles Count and Speed Display system for highways and high speed alerts with vehicle number using RFID |
| ABT_RFID_011 | RFID and Zigbee based voice enabled calling bell |
| ABT_RFID_012 | RFID and GSM based Advanced Vehicle parking slot booking system |
| ABT_RFID_013 | Providing Group Tour Guide by RFIDs and Wireless Sensor Networks |
| ABT_RFID_014 | RFID based Instantaneous vehicle Registration details extraction System |
| ABT_RFID_015 | An RFID Electronic Tag base Automatic Vehicle Identification |
| ABT_RFID_016 | RFID based Shopping trolley |
| ABT_RFID_017 | RFID based animal tracking system. |
| ABT_RFID_018 | RFID based prepaid card for petrol station |
| ABT_RFID_019 | RFID based bus name announcement system |
| ABT_RFID_020 | UNVEILING THE POTENTIAL OF RFID-ENABLED INTELLIGENT PATIENT MANAGEMENT SYSTEM |
| ABT_RFID_021 | DESIGN OF ELECTRONIC VOTING SYSTEMS FOR REDUCING ELECTION PROCESS |
| ABT_RFID_022 | THE DESIGN AND IMPLEMENTATION OF INTELLIGENT CAMPUS SECURITY TRACKING SYSTEM BASED ON RFID |
| ABT_RFID_023 | Advanced Electronic Voting Machine using RFID and Individual secret Passwords |
| ABT_RFID_024 | PREPEAID ENERGY METER USING RFID |

ALL COMBINED GENERAL EMBEDDED PROJECTS

| | |
|-------------|---|
| ABT_COM_001 | SMART STICK with VOICE GUIDENCE AND LOCATION TRACKING |
| ABT_COM_002 | wireless power theft monitoring in power lines |
| ABT_COM_003 | Real Time Paddy Crop Field Monitoring System Using Zigbee Network |
| ABT_COM_004 | RFID and GSM based Advanced Vehicle parking slot booking system |
| ABT_COM_005 | Construction of Central Control unit for Irrigation Water Pumps |
| ABT_COM_006 | RFID and GSM based intelligent courier mailbox system with automatic delivery notification. |
| ABT_COM_007 | Energy conservation system for corporate computers and lighting systems using PIR |
| ABT_COM_008 | AUTOMATIC POWER THEFT DETECION WITH SMS ALERTS |
| ABT_COM_009 | |
| ABT_COM_010 | |
| ABT_COM_011 | GSM based pre-paid Energy Meter with low balance alert |
| ABT_COM_012 | Protection of power transformer using microcontroller-based relay |
| ABT_COM_013 | LDR based automatic lamp illumination controller with High Power/Intensity LED lighting (PWM control) |
| ABT_COM_014 | Power management system in shopping malls with bidirectional counter |
| ABT_COM_015 | SOLAR HIGHWAY LIGHTING SYSTEM WITH AUTO TURN OFF ON DAY TIME WITH LCD DISPLAY USING PIC |
| ABT_COM_016 | COIN INSERTION BASED MOBILE CHARGER |
| ABT_COM_017 | Harmful gases wireless network monitoring system design using zigbee ,GSM technologies |
| ABT_COM_018 | GPS and GSM based Vehicle Tracking System with Accident Identification |
| ABT_COM_019 | TOUCH SCREEN AND ZIGBEE BASED LIBRARY AUTOMATION USING RFID |
| ABT_COM_020 | Implementation of Stunami Alert System using GSM Technology |
| ABT_COM_021 | Touch screen based Nurse/attendant calling system for physically impaired |
| ABT_COM_022 | |
| ABT_COM_023 | Intelligent train security system and auto controlling |
| ABT_COM_024 | Advanced Vehicle Security System with Theft control and Accident Notification |
| ABT_COM_025 | Design of an intelligent SMS based remote electricity metering and billing system |
| ABT_COM_026 | Electronic eye dial up |
| ABT_COM_027 | GSM based digital Notice board with display on LCD display |
| ABT_COM_028 | Implementation of wireless sensor network for wild Fire monitoring System |
| ABT_COM_029 | SECURITY INTEGRATED SYSTEM BASED ON WIRELESS ACCESS PROTOCOL FOR INDUSTRIAL APPLICATIONS WITI |
| ABT_COM_030 | A Novel wireless self powered Microcontroller based monitoring circuit for Photo Voltaic panels in Grid conne |
| ABT_COM_031 | Secure Password Protected Bank Locker Controlling using Mobile Technologies |
| ABT_COM_032 | Petrochemical Level Indicator and Controller for Automation of cotton purification process in spinning mills |
| ABT_COM_033 | Bluetooth based security enabled powered devices control system |
| ABT_COM_034 | A multi agent multi sensor based security system for intelligent building |
| ABT_COM_035 | Android mobile based AC 230V Fan speed control system |
| ABT_COM_036 | FOOT STEP POWER GENERATION SYSTEM WITH AUTO LIGHTING SYSTEM |
| ABT_COM_037 | Computer Controlled wireless pick and place Robot |
| ABT_COM_038 | RF based advanced wireless Industry automation system |
| ABT_COM_039 | Design and Implementation of intelligent Urban Irrigation System |
| ABT_COM_040 | Wireless operated War field land Rover that alerts on sensing planted Land Mines |
| ABT_COM_041 | Solar based automatic water level sensing and water pumping system for next generation apartments |
| ABT_COM_042 | Solar-Assisted wireless communication assistant for Dumb/Illiterates in Airlines |
| ABT_COM_043 | Tongue driven speaking wheel chair with wireless device control |
| ABT_COM_044 | Risk Awareness System in Railway and Environment Control |
| ABT_COM_045 | Safety Benefits of Forward Collision Warning Break Assist and Autonomous collision in Rear-End Collision |

SOLAR BASED AND ELECTRICAL/POWER ELECTRONIC BASED

| | |
|-------------|--|
| ABT_SOL_001 | Solar fencing to prevent crop damage by animals with day and night mode setting system |
| ABT_SOL_002 | Solar tracking with street light system |
| ABT_SOL_003 | Solar powered vehicle or car with ultrasonic sensors (LCD voltage display) |
| ABT_SOL_004 | Implementation of solar inverter for home, Garden, Streetlight applications |
| ABT_SOL_005 | Solar based E-Uniform for soldiers who work at extreme high temperature or extreme low temperature (same |
| ABT_SOL_006 | Solar based automatic water level sensing and water pumping system for next generation apartments |
| ABT_SOL_007 | AUTO SPEED CONTROL OF SOLAR CAR AT SPECIFIED LOCATIONS |
| ABT_SOL_008 | Solar based air compressor pump for car bike tire inflate |
| ABT_SOL_009 | Optimal power point tracking system for solar(MPPT) |
| ABT_SOL_010 | ENERGY MANAGEMENT IN AN AUTOMATED SOLAR POWERED IRRIGATION SYSTEM |
| ABT_SOL_011 | Hybrid Energy (Wind-Solar) for Rural Electrification |
| ABT_SOL_012 | |
| ABT_SOL_013 | RF transceiver based energy meter monitoring system |
| ABT_SOL_014 | |
| ABT_SOL_015 | Automatic active phase selector for single phase load from three phase supply |
| ABT_SOL_016 | GSM based SCADA (Supervisory Control and Data Acquisition) implementation |
| ABT_SOL_017 | Touch screen based advanced industrial devices automation system |
| ABT_SOL_018 | Zigbee based power management system |
| ABT_SOL_019 | Safety implementation of three phase irrigation motor using soil moisture sensor and temperature sensor |
| ABT_SOL_020 | Industrial SCADA based on Zigbee for temperature and water level |
| ABT_SOL_021 | TRANSFORMER OVER LOAD ALERT THROUGH VOICE ANNOUNCEMENT |
| ABT_SOL_022 | wireless power theft Monitoring system with PC |
| ABT_SOL_023 | UNDERGROUND CABLE FAULT WITH DISATNCE MEASUREMENT |
| ABT_SOL_024 | Automatic Controlling and Monitoring of Industrial appliances using Wireless Zigbee |
| ABT_SOL_025 | |
| ABT_SOL_026 | Google Android Smart phone operated Motor Control System via Blutooh |
| ABT_SOL_027 | AN EFFICIENT LV FEEDER MONITORING IN THE SUBSTATION |
| ABT_SOL_028 | PC based power grid control using wireless communication |
| ABT_SOL_029 | Protection and control of low voltage motors used in industrial applications |
| ABT_SOL_030 | Energy Tapping Identifier Through Wireless Data Acquisition System |
| ABT_SOL_031 | High voltage fuse blown indicator with display on PC with optical isolation between PC and HV bus bars |
| ABT_SOL_032 | Programmable Load Shedding Time Management for Utility Development |
| ABT_SOL_033 | Feeder Protection From Over Load |
| ABT_SOL_034 | SOLAR BASED SELF POWERED HIGH EFFICIENT LINE FOLLOWING ROBOT WITH OBSTACLE AVOIDANCE |
| ABT_SOL_035 | SERVO MOTOR CONTROL USING RF REMOTE |
| ABT_SOL_036 | Touchscreen based dc motor speed and direction control system |
| ABT_SOL_037 | Energy conservation system for corporate computers and lighting systems using PIR |
| ABT_SOL_038 | Checking & Auto Control Water Level Using Wireless Sensor |
| ABT_SOL_039 | WIRELESS STEPPER MOTOR CONTROL USING RF COMMUNICATION |
| ABT_SOL_040 | Design and construction of Earth Fault relay for single-phase system |
| ABT_SOL_041 | Sensor Network Based Oil Well Health Monitoring and Intelligent Control |
| ABT_SOL_042 | SINGLE PHASING PREVENTER FOR PROTECTION OF THREE PHASE (3-PH) LOADS |
| ABT_SOL_043 | PHASE SEQUENCE CHECKER FOR THREE PHASE SUPPLY |
| ABT_SOL_044 | Speed control of Exhaust fan using RF remote |