

- 1 AN ENERGY METER CONTROLLING AND MONITORING ELECTRICAL APPLIANCE
- 2 AN INTERNET OF THINGS: BASED MEDICINE REMINDER AND MONITORING SYSTEM
- 3 AUGMENTATIVE AND ALTERNATIVE COMMUNICATION (AAC) THERAPY AIDED SYSTEM FOR NON-VERBAL OR SPECIAL KIDS
- 4 AUTOMATED OCCUPANTS COUNTING SYSTEM BASED ON RFID AND IOT APPLICATIONS
- 5 AUTOMATIC PET FEEDER
- 6 BREAST CANCER DIAGNOSIS USING HYBRID SUPPORT VECTOR MACHINE-ARTIFICIAL NEURAL NETWORK (SVM-ANN)
- 7 DESIGN AN INTERACTIVE MODELLING OF A DC BOOSTCONVERTER WITH PID CONTROLLER
- 8 DESIGN AND IMPLEMENTATION OF SPI USING FPGA FOR AUTOMOTIVE CONTROLLER
- 9 DEVELOPMENT OF AUTO FISH FEEDER FOR MODIFIED AQUAPONICS SYSTEM
- 10 DEVELOPMENT OF SOLAR POWERED NUTRIENT FILM TECHNIQUE (NFT) AQUAPONICS SYSTEM WITH WATER FLOW RATE MONITORING
- 11 INDUSTRIAL LOAD DEMAND CALCULATION TOOL BASED ON UTILISATION FACTOR AND DIVERSITY FACTOR
- 12 INVESTIGATION OF LEAKAGE CURRENT PROFILE ON POLLUTED HIGH VOLTAGE INSULATOR.
- 13 IOT BASED SMART SURVEILLANCE SYSTEM
- 14 IOT-BASED PARCEL BOX (IPB)
- 15 JOYSTICK-CONTROLLED 3WD OMNI WHEELS MOBILE ROBOT
- 16 MEASURING THE SIZE OF INTACT PINEAPPLE USING VISION SYSTEM
- 17 PERFORMANCE COMPARISON ANALYSIS OF OPTIMIZED 12SLOT-14POLE HEFSM AND FEFSM WITH OUTER ROTOR CONFIGURATION
- 18 SEGMENTAL ROTOR DESIGN ANALYSIS OF 6S-7P DOUBLE STATOR PERMANENT MAGNET FLUX SWITCHING MOTOR (DS-PMFSM)
- 19 A DESIGN ON A PURE ELECTRIC VEHICLE PROPULSION SYSTEM
- 20 A GRAPHICAL USER INTERFACE (GUI) BASED METHOD FOR SIZING A STAND-ALONE WIND SYSTEM

- 21 A LOW PROFILE ULTRA WIDEBAND POLARIZATION DIVERSITY ANTENNA
- 22 A PORTABLE INFUSION PUMP SYSTEM FOR MANAGEMENT AND MONITORING OF INTRAVENOUS (IV) DRIPS
- 23 ADVANCE RADIO ALLOCATION (ARA)
- 24 AIR QUALITY MONITORING SYSTEM USING INTERNET OF THINGS (IOT)
- 25 ALCOHOL DETECTION SYSTEM WITH SMS NOTIFICATION AND LOCATION MAPPING IN VEHICLE
- 26 AN FPGA IMPLEMENTATION OF A DIGITAL CLOCK
- 27 ANALYSIS OF VOLTAGE DISTRIBUTION, CURRENT DENSITY AND THERMAL EFFECT OF UNDERGROUND XLPE CABLE
- 28 ANDROID BASED HANDWRITTEN ALPHANUMERIC CHARACTER RECOGNITION APPLICATION FOR STORING MARK
- 29 APPLICATION DEVELOPMENT FOR VEHICLE IDENTIFICATION AND COMPOUND SYSTEM IN UTHM
- 30 ARDUINO BASED SINE WAVE GENERATOR
- 31 ARDUINO BASED SYSTEM FOR BRAINWAVE MONITORING
- 32 ASSIGNMENT E-BOX
- 33 ATTENDANCE SYSTEM USING FACE RECOGNITION
- 34 AUTOMATIC CAR POWER WINDOW WITH HEAT AND RAIN SENSOR USING ARDUINO
- 35 AUTOMATIC OXYGEN SYSTEM FOR FRESHWATER LOBSTER
- 36 AUTONOMOUS FOOD DELIVERY
- 37 BREAKDOWN CHARACTERISTICS OF UNUSED TRANSFORMER OIL AND OLIVE OIL UNDER AC AND DC VOLTAGE AT DIFFERENT TEMPERATURE RATE
- 38 COIN SLOT OF VENDING MACHINE NOTIFICATION SYSTEM USING IOT
- 39 COMPARATIVE BETWEEN PID BACK CALCULATION AND CONDITIONAL INTEGRAL WINDUP FOR SOLAR ENERGY BASED HERB DRYING SYSTEM.
- 40 COMPARISON OF 12S/10P PMFSM SALIENT AND 12S/14P SEGEMENTAL ROTOR

- 41 DESIGN AND DEVELOPMENT OF 2 IN 1 DC/DC CONVERTER (BUCK/BOOST)
- 42 DESIGN OF BRANCH LINE COUPLER USING BASALT COMPOSITE MATERIAL
- 43 DESIGN OF HIGH-RESOLUTION CMOS DAC FOR 14-BIT SAR ADC
- 44 DESIGNING A HIGH RESOLUTION 14-BIT COMPARATOR SAR ADC
- 45 DETECTION OF RESPIRATION RATE FROM PHOTOPLETHYSMOGRAM (PPG) SIGNAL.
- 46 DEVELOPMENT OF A HANDY SKIN SCANNER FOR SKIN QUALITY MONITORING.
- 47 DEVELOPMENT OF A SEATED WEIGHT DISTRIBUTION MONITORING TOOL TOWARDS SLIPPED DISC DIAGNOSIS
- 48 DEVELOPMENT OF A SMART STREET LIGHT TRANSCEIVER WITH LORA TECHNOLOGY
- 49 DEVELOPMENT OF A VISION GAIT MONITORING SYSTEM FOR THE USE OF GAIT EVALUATION USING PARALLEL BAR.
- 50 DEVELOPMENT OF A WEB-BASED VISITOR MANAGEMENT SYSTEM (E-PELAWAT)
- 51 DEVELOPMENT OF BODY STRESS ANALYZER BASED ON PHYSIOLOGICAL SIGNAL USING ARDUINO
- 52 DEVELOPMENT OF COLOUR RECOGNITION SYSTEM FOR COLOUR BLIND PEOPLE
- 53 DEVELOPMENT OF EXTREMELY LOW FREQUENCY AND VERY LOW FREQUENCY RECEIVER
- 54 DEVELOPMENT OF FRUIT MATURITY SYSTEM BASED ON COLOR GRADING METHOD
- 55 DEVELOPMENT OF IOT - BASED FINGERPRINT LOCKING SYSTEM
- 56 DEVELOPMENT OF MEDICAL CONDITION DETECTION SYSTEM VIA PPG SIGNAL
- 57 DEVELOPMENT OF N-TYPE NANORODS TIO₂ AND P-TYPE CU₂O HETEROSTRUCTURE THIN FILM SOLAR CELL
- 58 DEVELOPMENT OF PORTABLE COLD ATMOSPHERIC PLASMA (CAP) DEVICE FOR ALUMINIUM TREATMENT
- 59 DEVELOPMENT OF USER INTERFACE DESIGN TOOL AND TRAINING KIT FOR STANDALONE PHOTOVOLTAIC SYSTEM
- 60 DRIVER MICROSLEEP AND DROWSY DETECTION SYSTEM USING MICROCONTROLLER

- 61 DUAL MODE SPY ROBOT
- 62 DUAL-BAND MICROSTRIP ANTENNA AT 2.45 GHZ AND 5.8 GHZ OF ISM BANDS FOR WEARABLE APPLICATION
- 63 ELECTRONIC CONTROL AND MONITORING UNIT FOR SINGLE PISTON EXPENDER OF LOW-TEMPERATURE ORGANIC RANKINE CYCLE
- 64 EMOTION DETECTION USING PYTHON
- 65 ENERGY HARVESTING FROM PLANTS LIVING FOR WATER IRRIGATION IN AGRICULTURE INDUSTRY
- 66 ENGINE OIL VISCOSITY MEASUREMENT BASED ON SPLIT RING RESONATOR
- 67 E-VOTING ON BLOCKCHAIN USING SOLIDITY LANGUAGE
- 68 FABRICATION OF POLYDIMETHYLSILOXANE (PDMS) PASSIVE MICROMIXERS BY 3D PRINTED MOLD.
- 69 FLYING DRONE CONTROLLER BY HAND GESTURE USING LEAP MOTION.
- 70 FREE SPACE MEASUREMENT FOR DIELECTRIC MATERIAL CHARACTERIZATION USING HIGH GAIN PATCH ANTENNA
- 71 HEALTH MONITORING SYSTEM FOR PATIENTS AT HOME USING INTERNET OF THINGS (IOT).
- 72 HEALTH MONITORING WEARABLE SENSOR GLOVE BASED ON IOT
- 73 INDUCTION MOTOR FAULT MONITORING USING CURRENT SENSOR
- 74 INTERNET OF THINGS (IOT)-BASED SMART LECTURE ROOM CONTROL SYSTEM
- 75 IOT BASED EARPIECE THERMOMETER WITH EARPHONE
- 76 IOT BASED SMART GARBAGE MANAGEMENT SYSTEM
- 77 IOT BASED UPPER LIMB MUSCLE STRENGTH DETECTION USING EMG
- 78 IOT-BASED WRIST MUSCLE MONITORING SYSTEM USING EMG
- 79 MCB EARTH LEAKAGE FAULT DETECTION SCHEME BASED ON GLOBAL SYSTEM FOR MOBILE COMMUNICATION USING ARDUINO UNO
- 80 MISSION PATH PLANNING MODULE FOR AN AUTONOMOUS UNDERWATER VEHICLE (AUV)

- 81 MOBILE QUEUE COUNTER MONITORING SYSTEM
- 82 MOVEMENT SENSOR USING DOPPLER RADAR PRINCIPLE
- 83 OPTIMIZATION ON 8 POLES 48 SLOTS INTERIOR PERMANENT MAGNET SYNCHRONOUS MACHINES (IPMSM) FOR COGGING TORQUE REDUCTION.
- 84 PLANT LEAF IDENTIFICATION SYSTEM USING DEEP LEARNING
- 85 POLYMER BASED MULTIMODE INTERFERENCE THERMO-OPTIC SWITCH
- 86 REAL-TIME MONITORING DRIP IRRIGATION SYSTEM WITH AUTOMATIC WATERING PLANT USING WI-FI MODULE
- 87 REAL-TIME VISION-BASED SPEED ESTIMATION AND COUNTING OF MOVING VEHICLE UTILIZING VIDEO AND WI-FI TECHNOLOGY OF MOBILE DEVICES
- 88 REMEDIAL MODULE AUGMENTED REALITY (REMODAR)
- 89 ROBOTIC HAND CONTROL USING LEAP MOTION SENSOR
- 90 ROBUST SINGLE-AXIS REACTION WHEEL INVERTED PENDULUM
- 91 SENIOR CITIZENS HEALTH MONITORING SYSTEM
- 92 SHOE INSOLE PRESSURE-SENSING FOR FOOT PRESSURE ANALYSIS.
- 93 SMART DIGITAL COUNTER WITH TIME OF FLIGHT SENSOR FOR INDUSTRIAL PRODUCTION LINE
- 94 SMART FOOD ORDERING SYSTEM
- 95 SMART LIQUIFIED PETROLEUM GAS (LPG) MONITORING AND DETECTION SENSORS
- 96 SMART MEETING ROOM
- 97 SMART SELF-WATERING PLANT SYSTEM
- 98 SMART SPOON FOR HAND TREMOR
- 99 SOLAR PANEL OUTPUT POWER AND DUST MONITORING SCHEME USING INTERNET OF THINGS
- 100 SOLAR POWERED AUTONOMOUS SURFACE VEHICLE (ASV) FOR ENVIRONMENTAL MONITORING

- 101 STABILITY ANALYSIS OF 5 LEVEL MULTILEVEL INVERTER USING PROPORTIONAL-RESONANT CONTROLLER
- 102 STUDY OF MPPT ALGORITHMS FOR DC-DC BOOST CONVERTER
- 103 STUDY OF PERMANENT MAGNET CONFIGURATION IN ALTERNATE CIRCUMFERENTIAL AND RADIAL FLUX PERMANENT MAGNET FLUX SWITCHING MACHINES (ALCIRAF-PMFSM).
- 104 STUDY ON 5 LEVEL MULTILEVEL INVERTER WITH LOW-COST MICROCONTROLLER.
- 105 SYSTEM SIZING OF A STAND ALONE PHOTOVOLTAIC SYTEM WITH GRAPHICAL USER INTERFACE
- 106 THE DEVELOPMENT OF BRAIN BALANCED ASSESSMENT USING MOBILE APPLICATION
- 107 THE EFFECTS OF ANNEALING TIME ON TIO₂ THIN FILMS PREPARED BY DOUBLE ZONE CVD TECHNIQUE
- 108 TRACKING AND MONITORING SYSTEM FOR BUS TRANSPORTATION
- 109 TWO WHEELED SELF-BALANCING ROBOT USING COMPOSITE NON-LINEAR FEEDBACK
- 110 UPPER LIMB REHABILITATION TRAINING MODULE BASED ON UNITY GAME ENGINE.
- 111 VEHICLE MONITORING SYSTEM WITH GEOFENCING CAPABILITY
- 112 VENDING MACHINE NOTIFICATION SYSTEM USING IOT
- 113 VISIBLE LIGHT COMMUNICATION USING MULTIPLE WHITE COOL LED
- 114 VOLTAGE INSTABILITY ANALYSIS USING MODAL ANALYSIS WITH GRAPHICAL USER INTERFACE (GUI)