



STATISTICS OF FEASIBILITY STUDIES BY COURSE

ERIS SECTION
Library Department

FEASIBILITY STUDIES

COE

ACC. NUMBER	AUTHOR	TITLE	YEAR
e2158	Boniquit, John Thaddeo	Heartilicious Food:A Feasibility Study on Banana Heart Burger Patty	No date
3191	Farinas, Finnin M.	Server consolidation for Software Venture Int'l	[n.d]
3192			
3193	Navarro, Franz Emerson A.	Implementation of microcontroller in the activation and deactivation of devices	2008
3245	Conde, Mark kristoffer A.	Traffic violations using RFID	2008
3246	Battung, Peter G.	SMS Security systems	2008
3247	Algena, Jean Eric V.	Automated fingerprint activated door lock	2008
3248	Carandang, Kristine S.	RFID based library security system	2008
3249	Bolo, Jomer M.	Microcontroller based bill to coin changer with UV light dependent counterfeit sensor	2008
3250	Nicolas, Kevin T	Safety failover mechanism for traditional billboard using microcontroller	2008
3251	Abayari, Catherine A.	Design of home appliance remote monitoring and switching system using SMS	2008
3252	Chua, Daniel B.	Drawbot: a microcontroller based drawing robot	2008
3443	Jig F. de Guzman	Microcontroller Based Car Engine Temperature Monitor	2008
3444	Arjel Joseph B. Bayacal	Electronic Stove with Digital Heat Control and Timer	2008
3445	Aldwyn V. Abustan	Light Sensitive Car Headlight Dimmer	2008
5148			
3447	Von Arvie A. Barbosa	Microcontroller Based Self-Maintained Aquarium Using PIC16F877 with Sensors	2008
3450	Romnick B. Alegonza	Direct Tire Pressure Monitoring System using Pressure and Temperature Sensor	2008
3451	Michelle Anne E. Ducusin	Motorcycle Helmet Impact Assessor by Accelerometer Application	2008
3453	Christian Peter C. Antonio	Solar Battery Charger	2008
3511	Aspillaga, James	Microcontroller based PC thermometer w/ regulated fan	2008
3512	Reyes, Ray Anthony	Coin sorting & counting machine	2008

3514	Ables, madelaine	Microcontroller based radiator temperature & coolant level indicator	2009
3515	Ong, Mark Henrison	A process automation of a manually triggered liquid soap dispenser	2009
3516	Abad, Edward Michael	Wireless chord creator for guitar w/ pick ups	2009
3517	Alvarado, Katrina	Digital thermometer for consistent temperature monitoring & temperature pattern graphing	2009
3518	Ferrer, Caryll	Library noise detector & short information provider	2009
3519	Calinga-on, Kathleen May	Microcontroller based stairs guidance system	2009
3520	Canuto, _____	Automatic window blinds w/ light switching system	2009
3521	Mariossa, Ma. Patricia	Voice activated wheelchair w/ collision detector	2009
3522	Banlaoi, Phoebe	Self retracting drying line	2009
3523	Angeles	Microcontroller based XYZ robotic arm	2009
3524	Baniquid, patrick Henry	Microcontroller based fish feeder	2009
3577	Cabigon, Manuel T.	Designate Vehicle parking System using magnetic card reader	2009
3578	Eco, Nina Clarence	Computerized Infraction form	2009
3579		Hydroxy Generator	2009
3580	Escares, Jonas T.	PsoC Based blood pressure monitor	2009
3581	Delica, Ronel	PC Interface Braille tutorial	2009
3582	Fernandez, Jo Andreo F.	Universal Programmable System on a Chip Trainer for Educational Institutions	2009
3583	Caraa, John Richard M.	Active Anti theft Radio Frequency Identification System	2009
3584	Alzate, Mel Dominic	USB Charger with LCD display using Kinetic Energy of continuous leg motion	2009
3596	De Guzman, Lito Jr.	Wireless Accelerometer Based Pointing Device	2009
3597	Illahi, Ana Antoniette C.	Hand Signal Recognition Tutorial for Deaf-Mute: A Prototype	2009
3598	Balmes, Maryola M.	PC Interfaced Lock Using Flash Drive as a Key	2009
3599	Andres, Marie Chona O	Automatic Ring Sizer and Availability Checker	2009
3600	Arellano, Allyssa	USB Projector Text File Reader	2900
3601	Lao, Danilo Jr.	PC Based AC Line Wireless Switch	2009
3602	Baltazar, Emmanuel A.	Stand Alone Peso Bill Converter with Counterfeit Detection	2009
3603	Agonoy, Albert M.	Programmable 24-bit RGB LED panel display via Bluetooth Technology	2009
3604	Dela Cruz, Jan Michael P.	Wireless Thermometer using RFID	2009
3605	Ortiz, Kristine Joyce P.	Wireless Blood pressure Monitoring System using ZigBee	2009
3675	Panagniban, Ayra G.	CCD Camera with near Infrared illumination for iris recognition system	2009
3676	Delgado, Angelica M.	RFID Based library inventory System with Wireless Data transmission through Zigbee modules	2009

3677	Virrey, Reneiro A.	A Fuzzy temperature controlled poultry with humidity monitoring	2009
3678	Adriano, Jan Adrian B.	Gesture Based Computer interaction through infrared motion sensing	2009
3679	Castisimo, Margarete	Programmable Syringe flow regulator	2009
3757	Cruz, Hazel Antenor	Wireless human Computer Interaction using Motion Based Pointing Device	[n.d]
3759	Bunquin, rio Russell	Biometric Attendance System	2009
3760	Belulia, Bryan Albert	Microcontroller Based Smokers monitoring Watch	[n.d]
3761	Warrenjkarl, Jerome	Design of a Liquefied Petroleum Gas (LPG) Pressure Sensor w/ Electronic Mail Notification System	2009
3762	Diamante, Erika Grace	Automatic Washboard Eraser	2009
3763	Araga, Prince	The 3 Cup Digital Anemometer w/ Wireless Bluetooth	[n.d]
3764	Acabal, John Erick	Infrared Proximity Radar for Armored Van	2009
3765	Consigna, Christopher	Computer Interfaced medicine Dispenser using Parallel Port	[n.d]
3766	Ancheta, Eugene	Vehicular Accident SMS w/ GPS Location Notification	[n.d]
3767	Buan, Alan Paul	Automatic Cashier Conveyor Belt using Psoc and Micro-Switches for Puregold Supermarket	[n.d]
3768	Magno, Jayman Alain	Membership and Guest Log In System w/ Interfaced Network Clients Status Display	[n.d]
3769	Aurelio, Christeo Salvador	Smart Motion Detector Sentry Gun w/ RFID Technology	[n.d]
3770	Dela Silva, Arjie Ray	Wireless blood Pressure ND Pulse Rate Monitoring Devise using Zigbee Technology	[n.d]
3771	Abaquin, Justin	Restaurant Take Out Alerting Device	[n.d]
3834		PC Based GPS Tracking w/ Immobilization Capability through SMS	2010
3835	Salazar, Sherry Mae	Wireless Feedback Control of Water Tank Using Flow Sensor	2010
3836	Sarmiento, John Leannuel B.	Pointing Device using Eye and Head Movement for People w/ Disability in Using their Hands	2010
3837		Electric Bill Monitoring Meter using PIC Microcontroller	2010
3963		Alcohol Monitoring Device w/ SMS Support using RFID Module	2010
3964		Messaging and Calling Device for the Visually Impaired using Braille System	2010
3965		Electromechanical Chair for height Adjustable Applications	2010
3966		PC Interfaced Universal logic Gates Tester	2010
3967		PC Interfaced Relay Controller for Monitoring Computer Laboratory Terminals	2010
3968	Moral, Frian	Parallel Port Interfaced ROM Disc Organizer	2010

3969	Noble, Allan William	Microcontroller Based Pulse Rate and Oxygen Saturation Monitoring System w/ Write-mode Function using Infrared, Red LED's and Photodiode	2010
3984	Celestino, Jason	Aerial Surveillance System for Nocuous Area with Overhead Computer Vision	[n.d]
3985	Bobis, Sheila	USB Flash Drive Incorporated in a Voice Recorder for Presentations w/ Wireless Slide Transition Function	[n.d]
3986	Aladin	Remote Controlled Foley Catheter Clipper w/ Timestamp and urine Amount Recorder	[n.d]
3987	Cruz, Marife	Nurse Touch screen Device: Touch screen Interfaced Inpatient Treatment Record System	2010
3988	Colacado, Abel	Programmable Infusion Pump w/ Wireless Data Transmission for Intravenous Fluid Bags Monitoring	2010
3989	Batac, Liezl	Wireless Electrocardiogram via Zigbee for Heart Rate Monitoring	2010
3990	Castillo, Ivan Ace	PC Burner w/ Program Verifier using HEX File checksum	2010
3991	Perez, Esteven Jove	Hardware Module Add-On For Computer Systems: Secure Remote Startup via Internet	2011
3992	Linga, James	Automotive Speed Decelerator and Hazard Signal Enabler Triggered by a Capacitive Sensing Steering Wheel via RFID	2010
3993	Balanag, Divine Grace	On Screen Mouse Ass-ON Frame utilizing Array of Lasers w/ PS/2 Computer Interface	[n.d]
3994	Cruz, Joel Brain	PC Interfaced Optical Disk Finder, Burner and Player w/ circular Rack and mechanical Arm using Database Software System	2011
3995	Alejandria, Niro Francis	Ovulation Prediction Using Body Temperature w/ Fertility Calendar	2011
3996	Bulang, Daniel Vincent	PC Based Zigbee Flash Programmer Development Platform for At-Command Line Zigbee Device	2011
3997	De Castro, Jennica	Portable Surface Electromyography Using Serial Infrared Transmission	2010
3998	Estrada, Alvin	Centralized Wireless Door Lock System Using RF Signals w/ Access Record Database	2011
3999	De Vera, Herald Christian	Volume Regulator using Amplitude modulation in Eliminating Sudden Changes of Volume Level	[n.d]
4048		Zigbee based fire alarm system with interactive floor plan using gas sensors	2011
4049	Kristine Joy A. Buencamino	Chicken egg measuring and classifying machine	2011
4050	Pascua, Brian Al-Franco C.	Kid's toy block with sound output via voice module	2011
4051	Abrogar, Carlo Manuel A.	Laser pointer with microphone for visual presentation via Bluetooth	2011

4052	Castro, Christel Vilyn S.J	Zigbee technology for wireless monitoring of room temperature and patient's blood pressure and blood glucose level	2011
4053	Amistoso, Jomer M.	Philippine Peso bill sorting and counting machine with counterfeit detection using photo sensor array	2011
4054		Wearable device for speed and endurance assessment and monitoring using improvised stethoscope and accelerometer with USB receiver via zigbee technology	2011
4055	Aligor Jr., Jesus Marie A.	The Effect of low power red light irradiation on the migrartion ability of HTERT-immortalized mesenchymal stem cells (MSC's) derived from human bone marrow cultured in low and high glucose conditions	2011
4056	Gumabay, Alvin Joseph R.	A Virtual and real network implementation of open flow	2011
4057	Hernandez, Beniedick I.	Low cost saving UV Light exposure box for PCB developing	2011
4058	Michael Louis Bahani	Digital clock synchronization using PC as event manager and microcontroller as device controller via zigbee	2011
4059		Wireless finger heart rate device for health monitoring compliance using zigbee technology	2011
4067	Coching, Meryl Filomena B.	File Management of a USB Flash Drive and memory Card via Micro sd card slot of a mobile phone	2011
4068	Aquino, Kimberli Anne	Design of Laboratory Experiments for Basic Robotic Models using Gizduino-based Microcontroller	2011
4069	Penetrante, Francis C.	Development of Third Party Software with Neural Network Aid for electronic Nose using Acoustic Wave Sensor	2011
4070	Santiaguel, Leslie O.	ECG Data transfer through USB Interface with Auto feedback control to a Treadmill	2011
4071	Ang, Miguel Carlo P.	PC-Interfaced Goniometer for Knee and Elbow Joint Angular Measurements using Accelerometer and Zigbee Technology	2011
4072	Flores, Paulo	Automated Iris Recognition System using CMOS Camera with proximity Snsor	2011
4073	Garcia, Marc Christian	Brightness Control for a Samsung LCD Monitor using Light Intensity Sensing Device	2011
4074	Alvarez, Anthony Erwin A.	Microcontroller Based Morse Code Converter to text	2011
4075	Cutaran, Jeffrey B.	Automated liquor Dispenser using PIC16F877 with Liquid Level Sensor	2011
4076	Arellano, Lloyd Edwinson	Speech Controlled DC motor operated Wheelchair with Elevation System	2011
4077	Maje, Kimberly	Web based low cost portable Electrocardiogram Monitoring System	2011

4078	Caneba, John Nicholus R.	GSM based Home Intrusion Detection Device Using SMS Messaging in Reporting Intrusions to Security Administrator	2011
4079	Dirain, Janiena Roxanne D.C	Wearable Obstacle Detection System and Braille Cell Phone for the Blind	2011
4080	Coma, florante Carlo	Bio Impedance Analysis Experiment of Glucose solution at varying frequencies	2011
4081	Cruz, Stephanie Lara	Development of a Real-Time Fast Fourier Transformation Software for the Generated Signal by the MSP430 Microcontroller circuit Board	2011
4082	Antonio, Joemmer T.	PC Based Oscilloscope using MSP430	2011
4083	Dimalibot, Kenneth B.	Low Power Embedded USB Controller	2011
4084	Cheng, Jerry C.	Hand Gesture Recognition for robotic Arm control via Image Processing	2011
4085	Macedonio, Lyle Eliezer C.	Digital Water Meter using IEEE 802.15.4 Standard for Wireless Networking and magnetic Hall Sensor	2011
4086	Dolosa, Sandino M.	Wireless Tamper Proof Electronic Answer Sheet	2011
4087	Villegas, Miguel Santino S.	Zigbee Text Messaging Device	2011
4088	Barilis, jomar E.	Wireless Touch Mouse with Presentation Remote	2011
4089	Biceda, Glenda G.	Design and Development of an Aluminum Can reverse-Vendo Machine	2011
4090	Due, Jacqueline M.	Wireless Flute Note Recognition via Computer display	2011
4091	De Luna, Charles Jacob	Hydro-powered Water Temperature, PH level and conductivity Monitoring System	2011
4131	Rigor, Paul Kenneth	Artificial neural network Controller for Single Digit Pattern Recognition using FPGA	2011
4219	Delarmente, Christopher	Design of GPS tracking for monitoring Parametric Vehicular measurements w/ accident notification via SMS for Saudi German Hospital	2011
4220	Baldon, Michael John	Design of laboratory experiments and trainer boards for arduino using gizduino microcontroller kit	2011
4221	Coching, Meryl Anne	File transfer between SD memory card and USB Flash Drive through UART PIC Interfacing w/ Mass storage Device controller	2011
4222	Baldon, Michael John C.	Enhancement of SMS based flood monitoring system through integration of Zigbee standard module and online database	2011
4223	De Guzman, Brent John Nathaniel	Stand alone synchronous distributed clocking system using real time clock, global positioning system and Zigbee for Mapua EECE Dep't	2011
4224	Detablan, Zyner	Basic School supplies dispenser w/ single transaction payment	2011
4225	Delfin, Ellizer	2D sound localization using sound sensors for video conferencing	2011
4226	Carag, Dexter Mario Miguel	Wireless Basic Semaphore to text display using SCA1020 through Zigbee	2011

4227	Canete, Rommer Son	Speech-activated hotel Room system using Voice GP	2011
4501		Bluetooth Mobot with Laser Gaze control	2011
4502	Arellano, Lloyd	Obstacle detection for speech-controlled dc motor operated wheelchairs w/ elevation system	2012
4503	Silvestre, Jarmai	Differential gap control solar azimuth tracker w/ local wind speed monitoring for wind damage prevention using atmel microcontrollers	2012
4504	Cabula, Fernando Martin	Dental records system using synchronized touch screen kiosk and server PC with GSM module	2012
4505	Barroquillo, Mervyn Siegfred R.	Portable touch screen based basketball scoreboard synchronizer via Zigbee	2012
4506	Bernabe, J.M	Indoor biometric security using SMS alert system with electronic logbook	2012
4507	Dirain, Janina Roxanne	Wireless keypad via radio frequency	2012
4508	Hinanay, Juris Lan	GPS tracking system for monitoring vehicular activities w/ accident notification via SMS and database	2012
4509	Maje, Kimberly S	Web based blood pressure and electrocardiogram monitoring system	2012
4510	Flores, Paulo R.	Wavelet-based algorithm for iris recognition system with robust segmentation for non ideal iris images	2012
4511	Hernandez, Florence Claire	TRIZ based systematic innovation learning system	2012
4512	Mariano, Jomari Jay O.	Fingerprint login system with SMS module and automated door lock for Mapua Institute of Technology	2012
4513	Flanco, Jonas D.	Laser trigger tap timing system with online registration for time trial car racing hobbyist	2012
4514	Fabian, Ralph Charlo G.	PC based biometric system with SMS module alert and software management for walled city dormitory	2012
4515	Chen, Mark Anthony	PC Interfaced attendance system with SMS capabilities	2012
4516	Maranion, Eleazar Carlo	Performance analysis of the HADOOP distributed file system as a data management framework for the smart grid	2012
4517	Clemente, Karl Paulo	Emulsifiable coolant PH monitoring device and aerator pump controller with presictive maintenance and SMS alert software	2012
4518	Blanco, Doroteo	Pulse wave velocity measuring device: a finger PPG ECG simultaneous oscilloscope output interpretation	2012
4519	Arbolante, Joshua Cyril	Prepaid electric management system for starshine residences	2012
4520	Catalan, Neil	Solid machine medicine cabinet and inventory system with time based alarm and light emitting diode notifier	2012
4521	Delfin, Ellizer R.	Real time vehicle coding, expired registration, over speeding and counter flow violation identification system using Zigbee tranceivers	2012

4552	Gabrang, Michael O.	Interactive kiosk for information access by using projector as the source of graphical user interface and human fingers as pointing device	2012
4553	Silvestre, Jarmai Q.	Differential gap control solar azimuth tracker with local windspeed monitoring for wind damage prevention using atmel microcontrollers	2012
4554	Aquino, Kimberli Anne	Human fall detection using three-axis accelerometer and Zigbee technology	2012
4555		Implementation of object tracking and motion sensors for home and office based wifi monitoring system	2012
4556	Fard, Fatemeh Mousavi	Zigbee based wireless system for displaying ECG signals	2012
4557	Muyrong, Crispin S. III	Biometric analysis for firearm identification with real-time detection for ballistic projectile via SMS	2012
4558	Lerit, Jonnavel A.	USB door lock using fingerprint biometrics technology	2012
4559	Catalan, Neil Carlo P.	Solid-machine cabinet and inventory system with GSM modem and Light emitting diode (LED) notifier with alarm	2012
4576	Babila, jeston O	Virtual mouse and program shortcuts using Microsoft Kinect SDK with user tracking	2012
4609	Cipriano, Bobby Brian M	Software dependent image data compression using multiple encryption	2012
4610	Bajon, Ronnel Angelo	Automated prepaid loading device using RFID technology	2012
4611	Camba, Dominic Richard	Human fall detection with monitoring and database system	2012
4612	Chan, Patrick Wesley	Android based application for blood pressure and real time pulse rate monitor with SMS alert notification	2012
4677	Dita, Rainer, N	Remote automatic water meter reading system using global system for mobile communications	2013
4678	Camba, Dominic Richard	Real-time human posture recognition with jitter reduction using coordinate translation for Kinect based robbery alert system	2012
4679	Chua, Divina	Fire alert system using shape and color analysis through image processing via mobile application	2013
4681		Design and construction of a fuel efficient drive train system of a prototype vehicle for the shell eco marathon 2011	2013
4685	Alix, Karen Kaye	Carbon monoxide to breathable air converter with alarm system for automobile	2013
4688	Alix, Karen Kaye	Carbon monoxide monitoring and alert system for automobile	2013
4689	Ani, Meynard Frizth	A Wireless sensor network for monitoring of water level on drainage system using ZigBee	2013
4819		The design of electronic US dollar to Philippine peso currency converter	2013

4820		Real time human activity monitoring system integrates with activity restriction warning feature using a wavelet-based algorithm and neural network	2013
4821		Quasi real time tablature maker steel-stringed acoustic guitar	2013
4822	Ocampo, Jonathan	Push-to-talk voice over Zigbee with broadcast text message support using ring topology	2013
4823	Mercado, Clarissa	Methane gas and color sensor system for monitoring the safety of consumable pork meat	2013
4824	Delarmente, Christopher T.	Kinect controlled size tracker for men's clothing	2012
5031	Paul Kenneth V. Rigor	Artificial Neural Network Controller for Single Digit Pattern Recognition using FPGA	2011
5146	Jean Eric V. Agena	Automated Fingerprint Activated Door Lock	2008
5147	Charles Khalid S. Rico	Hydroxy Generator	2007
5149	Celvin R. Gan	Microcontroller Based Portable Pet Shower Machine	2007
5150	Carl Jonathan P. Bergonia	Prepaid Power Meter	2007
5151	Mark Henrison C. Ong	A Process Automation Of A Conventional Manually-Triggered Liquid Soap Dispenser	2009
5152	Erika Grace G. Diamante	Automatic Whiteboard Eraser Interfaced Using Assembly Language	2009
		Using Assembly Language	
5153	Ronel N. Delica	PC Interface Braille Tutorial	2010
5154	Imeely S. Carlos	PC-Based AC Line Wireless Switch	2010
5155	Agonoy, Albert	Programmable 24-bit RGB LED color panel via Bluetooth technology	2009
5156	Karen Kaye M. Alix	Carbon Monoxide Monitoring and Alert System for Automobiles	2013
5157	Ronnel Angelo M. Bajon	Leader-follower Cart Using Bluetooth and Infrared Technology with Collision Detection	2013
5158	Jay K V. Delicana	Portable Absorbance Spectrum Analyzer with Library for Liquid Substances	2013
5159	Dorotea Ruth G. Blanco	Pulse Wave Velocity Measuring Device: a finger photoplethysmography (PPG) and Electrocardiogram (ECG) simultaneous Occilloscope output interpretation	2012
5160	Ellizer R. Delfin	Real-Time Vehicle Number Coding, Expired Registration, Over Speeding, and Counter Flow Violation Identification System using Zigbee Transceivers	2012
5162	Beniedick I. Hernandez	Low Cost Power Saving UV Light Exposure Box for PCB Developing	2011
5163	Ivan Ace R. Castillo	PIC Burner with Program Verifier Using HEX File Checksum	2009

5164	Allan William F. Noble	Microcontroller-Based Pulse Rate and Oxygen Saturation Monitoring System with Write-Mode Function Using Infrared, Red LEDs, and Photodiode	2009
5165 5144	Cheryl Mari M. Isip	Authenticated Online File Server	2006
5364	Lim, John Victor M.	A microcontroller-based electronic nose for fruit ripeness determination	2014
5365	Manalo, Kevin D.	An improved implementation of surface myoelectric prosthesis using FPGA	2014
5366	Madriaga, Neil Erick Q.	Application background subtraction and zigbee technology for determining body mass index (BMI)	2014
5384	Aquino, Jun-Jun M.	Identification of L-citruline from tropical fruits through amperometric bio-sensor using principal component analysis	2014
5386	Ivan G. Matala	Instant Report Printer for the City of Imus Traffic Management Office using Linux Based System and Android Application	2014
5401	Jayron Lester Sanchez	RFID Indoor Navigation with obstacle detection for the visually impaired individuals	2014
5402	Madriaga, Neil Erick Q.	Application of artificial neural network and background subtraction for determining body mass index(BMI) in android devices using bluetooth	2014
5403	Lim, John Victor M.	Temperature compensated electronic nose for fruit ripeness determination using component analysis	2014
5414	Caress P. Castaares	Portable human vital signs monitoring system with database using wireless transmission through Zigbee	2014
5415	Joseph Angelo Buenafe	Acquisition of applied load to cargo vessels using plimsoll line and buoyant force detection utilizing technology with SMS notification	2014
5416 5417	Marie Grace S. Clementie	Characterization and classification of Philippines Bananas based on potassium content using system	2014
5418	Moran, Luigi M.	Automated indoor Surveillance Quadcopter with image recognition using OpenCV via Canny edge detection for avoiding stationary obstacles	2014
5420	Mark Angelo B. Domingo	Dedicated MCU QR code scanner using image processing	2014
5421	April P. Pea	Design of an automobile locator and monitoring system using GSM technology with android map application	2014
5422	Reinel Leonard C. Ordo	Implementation of CORDIC algorithm with optimization for special angles in Xilinx Spartan-3E XC3S500E FPGA	2014
5423	Neil John A. Dizon	Integrated library loaning system using RFID and Arduino technology	2014
5424	Christine Kate S. Bernardino	Sign language word translator using neural networks for aurally impaired as a tool for communication	2014

5425	Marie Kristel S. Castillo	Storage room humidity controller for desired moisture content of rice	2014
5426	Jesse Michael E. Baltazar	Synchronized water discharge system for high-value crops using soil hygrometer and Arduino microcontroller	2014
5427	Gleen Philip S. Baluyot	Tactile dependent response system for concomitant visually impaired individuals via audio output using arduino	2014
5428	Mark Edisan B. Cardinez	Power management system using Gizduino and current transformer with wireless communication	2014
5429	Jarvin D. Angue	Android Based Temperature Controlled Rice Grain Dryer with Moisture Content Analyzer	2014
5430	Christine Kate S. Bernardo	Temperature design controller of electrical/industrial oven manufacturing polyurethane rubber wheels	2014
5447	Borja, Gary Albert	Android phone application via WiFi for measuring and monitoring the pH level and conductivity of the nutrient solution in the reservoir of a soil-less garden growing technique with time controlled pump using Arduino	2014
5448	Francis Dominic C. Bucao	Continuous body temperature monitoring system for patients using high resolution ADT temperature sensor with Arduino microcontroller via Bluetooth	2014
5166	Catherine Candice M. Santoyo	A Traffic Light Controller Device to Improve the Response Time of Emergency Vehicles	2005
5622			
5623	Ivan Vincent B. Caranzo	A medicine prompter kit using RFID using Radio Frequency Identification	2008
5624	Francis Marvin I. Lim	Design of Combined Metal Detector (GP-A) and Gas Sensor (MQ-2)	2008
5625	Alvin Joseph R. Gumabay	A Virtual and Real Implementation of OpenFlow Network	2011
5626	Bobby Brian M. Cipriano	Implementation of Object Tracking and Motion Sensors for Home and office-based WIFI monitoring system	2011
5627	Kenneth B. Dimalibot	Low Powered Embedded USB Printer Controller	2011
5628	Jennica S. De Castro	Portable Surface Electromyography Using Serial Infrared Transmission	2011
5629	John Michael J. Bernabe	Indoor Biometric Security with SMS alert System and Electronic Logbook	2012
5630	Michael O. Gabrang	Interactive Kiosk for Information Access by Using Projector as the Source of the Graphical User Interface	2012
5631	Neil Carlo P. Catalan	Solid-Medicine Cabinet and Inventory System with GSM Modem and Light Emitting Diode (LED) Notifier with Alarm	2012
5632	Meynard Frizth A. Ani	A Networked RFID Presence Monitoring System Implemented using Mesh Networking	2013
5633	Emmalyn P. Brimon	Automated Gas Leak Monitoring and Control System Using Two Gas Flow Sensors and MQ – 6 Sensor	2013

5634	Josiah David D. Jose	Automated Medicine Dispenser with Time-Based Alarm and Led Notifier Via Ethernet	2013
5635	Luigi M. Moran	Automated indoor Surveillance Quadcopter with image recognition using OpenCV via Canny edge detection for avoiding stationary obstacles	2014
5636	Jose Mari B. De Jesus	Blood Pressure and Heart Rate Monitoring and Tweeting System with NFC Data Synchronization	2014
5637	Mark Angelo B. Domingo	Dedicated MCU-based QR Code Scanner Using Image Processing	2014
5638	Jan Alfred Patrick Torres	Electrocardiogram Transceiver for Remote-Area Patients using Cross-Platform Smartphone Application with Feedback	2014
5639	Ma. Teresa O. Arroyo	Implementation of a Dog Tracking Device and Positioning System using GSM Technology with Android Map Application	2014
5640	Caress P. Castañares	Portable Human Vital Signs Monitoring System with Database Using Wireless Transmission through ZigBee	2014
5641	Mark Edisan B. Cardinez	Power Management System using Gizduino and Current Transformer with Wireless Communication	2014
5642	Jason Jovin T. Magdaraog	Vehicle and Weather Detection Using Real Time Image Processing through Optical Flow and Color Histogram	2014
5643	Trexia D. Capapas	Weather Forecast using Kalman Filter Algorithm with Warning System via GSM and Android Application	2014
5644	Anthony S. Lazam Jr.	ZigBee Based Monitoring of Temperature and Humidity of Server Rooms using Thermal Imaging	2014
5645	Dela rosa, Leander	Towards the Development of an Affective Intelligent Agent that Determines the Affect State of C-based Programming Students through Speech Recognition	[n.d]
5647	Arroyo, Juan Carlo T	Enhanced Cipherring of Visible Information in Video Watermarking Using Chaos-Based Algorithm	[n.d]
5830	Maria Cecilia G. Manalad	Scriptable Managed Fault Injection for Fault Tolerance Testing	2007
5843	Jesus Marie A. Aligor Jr.	The Effect of Low Power Red Light Irradiation on the Migration Ability of htert-Immortalized Mesenchymal stem cells (MSC'S) derived from human bone marrow cultured in low and high glucose conditions	2011
5847	Kenneth B. Dimalibot	Low Powered Embedded USB Printer Controller	2011
5848	Kenneth B. Dimalibot	Low Powered Embedded USB Printer Controller	2011
5851	Shiela F. Bobis	USB Flash Drive Incorporated in a Voice Recorder for Presentations with Wireless Slide Transition Function	2010
5855	Arjie Ray G. Dela Silva	Wireless Blood Pressure and Pulse Rate Monitoring Device Using Zigbee Technology	2006

5857	Jan Michael P. dela Cruz	Wireless Thermometer Using RF ID	2009
7150 7170	Limbo, Nel Mark N.	Electronic Rat Repellant System for JYC Poultry Supply Using Multivariable Ultrasonic Sound Frequencies	2015
7168	Camposano, Mary Ann V.	Measurement of Skin Impedance , Skin Temperature, and Skin Optics and Correlative with Blood Glucose	2015
7169	Gomez, Rhupina G.	Electrocardiogram System with Automatic Arrhythmia Detection Using Slope-vector waveform algorithm Implemented in android-based Mobile Devices	2015
7181	Buncha, Michael B.	Book Management System with QR Code Mobile Application for Cataloging	2015
7182	Ajose, Kevin C.	Non-Cloud Reliant Portable Leaf Recognition Device with GPS Capability using Artificial Neural Network	2015
7183	Costa, Allan Aram S.	Text Braille Translator using Smartphone Application and Braille Module	2015
7187	De Borja, Kevin Rich	Oil Spill Detection and Monitoring System using Light-Dependent Resistor, Conductivity Array and Wave analysis with SMS Integration	2015
7188	Quaresma, Nicole Sam Rey P.	Wearable Obstacle Detection For the Blind that can Detect Discrete Elevation using Gizduino Microcontroller	2015
7222	Gongon, Daryll B.	Improvement of Capacitive Fringing Field Sensor by Integrated Aluminum Plates and wireless Monitoring of Soil Moisture	2015
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