

**Electrical and Computer Engineering 4th Year Projects List - sorted by project numbers**

<b>Number</b>	<b>Title</b>	<b>Author</b>	<b>Volume</b>
1996-EL084	Landmine recognition	SIM, S	
1999-EL046	Optimising the charging strategy of an IPT battery charging system	YEK, K S	
1999-EL085	Development of a software simulation platform for an ODFM wireless LAN	LEE, L S	
2000-EL063	Smart House	TANG, E	
2000-EL067	A remote monitoring system for IPT battery charger	HU, L-T E	
2001-EL046	A simulation study of VSC high voltage DC transmission	Johnson, Melissa Leigh	
2001-EL048	Multi-device power measurement systems	Kanji, Suran	
2001-EL083	Tripwire detection	Phoon, Yien Jin	
2001-EL104	Simulation of traffic flow with car-quality sensors	Tsang, Kin Fai Peter	
2001-EL106	3D simulator for robot navigation	Watson, Lawrence Glenn	
2002-EL058	IA-32 Simulator	Huh, Jun	
2002-EL069	IPT Pickup Design and Optimisation for an Electric Toy Car	Kho, Yau Tong	
2002-EL073	IPT Pickup Design and Optimisation for an Electric Toy Car	Kung, Gabriel	
2002-EL076	Development of an Air Quality Monitoring System using the IEEE 1451 Interfacing Standard	Kurniawan, Cliff	
2002-EL079	Rule-Based Speech Synthesiser	Lai, Joanna	
2002-EL082	Rule-Based Speech Synthesiser	Lau, Anthony	
2002-EL101	IA-32 Simulator	Noh, Hyung Jong	
2002-EL105	An Automatic Contactless Battery Charger for Robot Power Supplies	Patel, Sara	
2002-EL123	Embedded RT Linux Control	Steiner, Antony	
2002-EL135	An Automatic Contactless Battery Charger for Robot Power Supplies	Vyas, Pavan	
2002-EL138	Design of a Motor Drive System for an Autonomous Underwater Sensor Platform	Wilson, Sandy	
2002-EL139	Active Control of Noise in a Headrest	Wong, Francis	
2002-EL144	Remote Video Surveillance via Telephone Line	Yeung, Lek Hang George	
2002-EL145	Development of a Wireless Link as part of an Implantable Bioelectric Transducer System for Medical Research	Yeung, Andrew	
2003-EL015	A New Power Controller for IPT Pick-ups	Chang	
2003-EL027	A New Power Controller for IPT Pick-ups	Cho	
2003-EL037	Soil Current Induction for Landmine Detection	Crone	
2003-EL073	Integration of Renewable Energy Sources and Utility Power	Karan	

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2003-EL100	Uncheatable Games	Lin	
2003-EL118	Frequency Selective Surfaces	Mulder	
2003-EL122	Frequency Selective Surfaces	Othman	
2003-EL128	An Inductively Coupled Universal Battery Charger	Ryan	
2004-EL002	Single Chip AES Encryption-Decryption Engine For A Network Security Bridge	Al-joubory,Mohamed	
2004-EL004	The development of a low power wireless remote data acquisition system	Arewgoda,Dilanka	
2004-EL005	A SVG web environment for Z/Object-Z formal specifications	Athauda,Sasanka Demintha	
2004-EL006	Modeling and implementation of a real-time operating system kernel for a customisable processor	Bajwa,Aydin	
2004-EL007	Waihanga Taraka: Software Architecture Modelling for MASE	Barker,Richard	
2004-EL008	OASIS Performance Investigation	Beh,Bernadette	
2004-EL009	Virtual Face for a Robot Guide	Bertram,Chris	
2004-EL010	Shape Descriptors for Quality Control	Bhana,Rajesh	
2004-EL011	Database Intrusion Detection	Bhatia,Asheesh	
2004-EL012	Development of a dSPACE platform for power electronics control	Bong,Bao Sheng	
2004-EL013	Implementation of a real time multimedia streaming protocol over network	Burrowes,Paul	
2004-EL014	An HF Transmission-Line Model for Indoor Single-Phase Low Voltage Cables	Camasca,Claudio	
2004-EL015	Pulsed Electromagnetic Field Treatment of Bone Non-Unions	Carson,Evan	
2004-EL016	3D simulation interface for the Unmanned Aerial Vehicle (UAV)	Cervin,Brendan	
2004-EL017	Implementation of Generalised Allan Variance	Chai,Peter	
2004-EL018	Ultrasonic Altimeter	Chandra,Ravikesh	
2004-EL019	Thermal Imaging Reliability in Landmine Detection	Chang,Charles	
2004-EL020	A new IPT Communication System for High Power Battery Charging Management	Chang,Eric	
2004-EL021	Hardware/Software Co-Design of an MP3 Decoder	Chang,Tony	
2004-EL022	Real-time Distributed Embedded System for Device Automation	Chang,Wayne	
2004-EL023	A Computer Vision investigation of full human body tracking	Chao,William	
2004-EL024	Power Consumption Optimisations for an FPGA Architecture	Chatterji,Joy	
2004-EL025	Electrical Impedance Tomography	Chen,Ee	

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2004-EL026	Wetness detectable and adjustable heating towel rack	Chen,Jie Xiang	
2004-EL027	Wide Bandwidth Communication for IPT Systems	Chen,Jonathan	
2004-EL028	Contactless powerpoints for the Home	Chen,Rick	
2004-EL029	An FPGA based video processor	Chen, Ying Jin	
2004-EL030	Development of Eddy Current Speaker	Cheung,Eva (Ga- Wing)	
2004-EL032	Mobile Station Positioning Using GSM Cellular Phone and Neural Networks	Chik,Desmond	
2004-EL033	Propagation in Indoor Wireless Systems (Angle of Incidence Distribution)	Chinni,Vinod	
2004-EL034	Uncheatable Computer Games	Choi,Kelvin	
2004-EL035	Optimal inductive heater for house application	Choo,Chin Yit	
2004-EL036	Contactless powerpoints for the Home	Chou,Jason	
2004-EL039	Nonlinear dynamical modelling of epileptic seizure	Clay,Murray	
2004-EL040	Live Data Acquisition and Diagnostic System for a Formula SAE Race Car	Coenraadts,Joel	
2004-EL041	Mains powered DC Power Supplies	Cross,Sean	
2004-EL042	Waveguide Reflectometer	de Silva,Harith	
2004-EL043	Hypothetical Mechanisms for Weak Electromagnetic Field Bio-Interaction	Deady,Michael	
2004-EL044	Shape Descriptors for Quality Control	Deva,Jeetesh	
2004-EL045	Global Golf	Dissanayake,Sarala	
2004-EL046	Power quality problems related to converters for renewable energy integration	Diyagama,Darshana	
2004-EL047	Pulsed Electromagnetic Field Treatment of Bone Non-Unions	Domingo,Tajan	
2004-EL048	Personal identification based on iris recognition	Dowler,Shaun	
2004-EL050	Tuning & Control of Battery Charging Pick-Ups	Dunn,Robert	
2004-EL051	A Syntax Conscious Differencing Tool for Java Source Code	Ensor,Robert	
2004-EL052	Development of a test card and a test method for quartz crystal resonators	Farid,Ali	
2004-EL053	A Syntax Conscious Differencing Tool for Java Source Code	Fonseca,Caraliza	
2004-EL054	Linux Board Support Package for car navigation hardware	Foo,Jordan Pheak Ling	
2004-EL055	Modeling and implementation of a real-time operating system kernel for a customisable processor	Fu,Lin	

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2004-EL056	Active Contours for Object Delineation	Fung,Kathy Hang Ying	
2004-EL057	Robot programming by demonstration platform	Gautam,Philip	
2004-EL058	Jumbo Repeater Display for Navman NZ Ltd	Glen,William	
2004-EL059	Cost-effective navigation system using GIS/GPS for fertilizer vehicles	Goh,Yen Soon	
2004-EL060	Power System frequency meter	Graham,Rob	
2004-EL061	Ultrasonic Altimeter	Grootscholten,Niels	
2004-EL062	Live Data Acquisition and Diagnostic System for a Formula SAE Race Car	Guinibert,Paul	
2004-EL064	A variable input 500VA, 230V, 50Hz Inverter	Habib,Amoon	
2004-EL065	Mains powered DC Power Supplies	Habib,Asher	
2004-EL066	Hypothetical Mechanisms for Weak Electromagnetic Field Bio-Interaction	Haloob,Leo	
2004-EL067	FPGA Implementation of a Reconfigurable Superscalar Processor	Hennayaka,Dilini	
2004-EL069	A contactless power transfer system for biomedical implants	Hong,Thomas	
2004-EL070	Web-based Visual Scheduling and Planning tool	Hosseini-Sianaki,Nader	
2004-EL071	Wireless distress signaler for the physically disabled	Hsu,Jr-Uei	
2004-EL072	Tripwire Detection	Huang,Alice Hsuan-I	
2004-EL073	A low cost combined contactless power and communication system	Huang,Chang-Yu (David)	
2004-EL074	Uncheatable Computer Games	Huang,Eddie	
2004-EL075	Web-based Visual Scheduling and Planning tool	Huh,Jun Ho	
2004-EL077	A Graphical Debugger For A Partial Order Planner	Jagannath,Vilas Shekhar Bangalore	
2004-EL078	The development of a low power wireless remote data acquisition system	Jebamony,David	
2004-EL079	Active Contours for Object Delineation	Jiang,Winnie	
2004-EL080	A variable input 500VA, 230V, 50Hz Inverter	Kalidas,Navnit	
2004-EL081	Modelling Intonation	Kam,Wan-Chi	
2004-EL082	Processor based current sensor interface for multiple point current monitoring and data logging in large battery banks	Kamat,Kim	
2004-EL083	New Speech Analysis Tool	Kang,Jason	
2004-EL084	Wireless distress signaler for the physically disabled	Kao,Johnny Wei-hsun	
2004-EL085	Development of a dSPACE platform for power electronics control	Kapahi,Prashin	
2004-EL086	FPGA Implementation of a Reconfigurable Superscalar Processor	Khan,Zareena	

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2004-EL087	Investigation into factors that affect voice quality in a VoIP network	Kim,Haejin	
2004-EL088	G-Bot (Gesture Robot)	Kim,Wooje	
2004-EL089	Tuning & Control of Battery Charging Pick-Ups	Kissin,Michael	
2004-EL090	Non photo realistic graphics shaders for game engines	Koak,Robert Tae-Won	
2004-EL091	Global Golf	Kottege,Oshan	
2004-EL092	Development of a microcontroller-based intelligent fan control system	Krishnan,Shilpa	
2004-EL093	Interfacing a New I/O Device to a Games Engine	Kung,Szu-yu	
2004-EL094	Real time object tracking	Kwan,Watson	
2004-EL095	CellML editor	Kwok,Leanne	
2004-EL096	A Peer Marking System	Kwong,Hugh Hiu Fai	
2004-EL097	Electromagnetic Filter for Diesel-Engine Exhaust System	Lai,Eva	
2004-EL098	Detector of rotten timber for leaking houses	Lai,Michael	
2004-EL099	A new IPT Communication System for High Power Battery Charging Management	Lam,Timmy	
2004-EL100	Implementation of a real time multimedia streaming protocol over network	Lankow,Geoff	
2004-EL101	Supporting debugging through program analysis in Eclipse	Lath,Sunil	
2004-EL102	2D Tracking of human motion using advanced signal processing	Lau,Kevin	
2004-EL103	A smart sensor module for sediment movement monitoring in riverbeds	Lau,Wai-Shan	
2004-EL105	Detector of rotten timber for leaking houses	Leung,Raymond	
2004-EL106	Wetness detectable and adjustable heating towel rack	Li,Calvin	
2004-EL107	Nonlinear dynamical modelling of epileptic seizure	Li,Isaac	
2004-EL108	Tripwire Detection	Liao,Chia-Yu (Lewis)	
2004-EL109	Incorporating type concept in form-based messaging	Lien,Cliff	
2004-EL110	Objective digital video quality assessment	Lilori,Mitesh	
2004-EL111	Thermal Imaging Reliability in Landmine Detection	Lim,Gabriel	
2004-EL112	Electromagnetic Dosimetry	Lin,Cathy Ying-Chen	
2004-EL113	Optimal inductive heater for house application	Lin,Cheng-Shun	
2004-EL114	Hardware/Software Co-Design of an MP3 Decoder	Lin,Jeffrey	
2004-EL115	Real-time Distributed Embedded System for Device Automation	Lin,Michael	
2004-EL116	New Speech Analysis Tool	Liu,Gillian	

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2004-EL118	Implementation of Generalised Allan Variance	Loh,Ivan	
2004-EL119	A Peer Marking System	Ma,Kenneth Tsun Kin	
2004-EL120	An electrically isolated UPS charger-inverter scheme with lightning protection	Mabotuwana,Thusitha	
2004-EL121	Development of a test card and a test method for quartz crystal resonators	Mark,Veronica	
2004-EL122	3D simulation interface for the Unmanned Aerial Vehicle (UAV)	Mills,Chris	
2004-EL124	Jumbo Repeater Display for Navman NZ Ltd	Morrison,James	
2004-EL125	DSP Implementation of a Fingerprints-based Biometric Authentication System	Mukerji,Mihir	
2004-EL126	Power Consumption Optimisations for an FPGA Architecture	Navaratnarajah,Nirmalan	
2004-EL127	Obstacles in Cylindrical Waveguide	Neilson,Derek	
2004-EL128	OASIS Performance Investigation	Ng,Heong Kee	
2004-EL130	Personal identification based on iris recognition	Ng,Nelson	
2004-EL131	Contactless braking system using Electromagnetism	Nguyen-dai,Quoc-Cuong	
2004-EL132	Wireless Pyrotechnic Firing System	Nixon,Ray	
2004-EL133	Non photo realistic graphics shaders for game engines	Oh,David Byung-Ki	
2004-EL134	Super-capacitor based power transfer with dynamic isolation	Ong,Edwin	
2004-EL135	Electromagnetic Filter for Diesel-Engine Exhaust System	Ooi,Theng Aik	
2004-EL136	Power System frequency meter	Orange,Rob	
2004-EL138	Database Intrusion Detection	Patabendi,Thiloma	
2004-EL139	Volume and Surface Area Sensor for Agricultural Products	Patel,Sanjay	
2004-EL140	Virtual Face for a Robot Guide	Paul,Richard	
2004-EL141	Waihanga Taraka: Software Architecture Modelling for MASE	Peterken,Carl	
2004-EL142	An FPGA based video processor	Phoon,Yien Jun	
2004-EL143	Real time object tracking	Pillai,Sachin	
2004-EL144	Processor based current sensor interface for multiple point current monitoring and data logging in large battery banks	Ponnampalam,Bharathi	
2004-EL145	Wireless Pyrotechnic Firing System	Posel,Warrick	
2004-EL146	FPGA controlled Sinewave Inverter with RMS control and THD minimization	Pranish,Avilesh	
2004-EL147	Supporting debugging through program analysis in Eclipse	Prasad,Krishneel	
2004-EL149	Development of a microcontroller-based intelligent fan control system	Ragavan,Mythreyi	

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2004-EL150	Modeling Traffic Mobility in Indoor Wireless Systems	Rajabi,Khaldoon	
2004-EL151	Improving Test Management in Eclipse	Rajan,Anand	
2004-EL152	A small hybrid wind generator	Rajvanshi,Saurabh	
2004-EL153	Investigation into factors that affect voice quality in a VoIP network	Raman,Pradeep	
2004-EL154	Applications of Luo Converters	Robbie,Reece	
2004-EL155	Electrical Impedance Tomography	Salamoun,Linda	
2004-EL156	Wide Bandwidth Communication for IPT Systems	Sam,Simon	
2004-EL157	DSP Implementation of a Fingerprints-based Biometric Authentication System	Sharma,Chandan	
2004-EL158	A SVG web environment for Z/Object-Z formal specifications	Sheik Muhammed Ali,Fathima Tazkiya	
2004-EL159	Single Chip AES Encryption-Decryption Engine For A Network Security Bridge	Sim,Colin	
2004-EL160	Propagation in Indoor Wireless Systems (Angle of Incidence Distribution)	Singh,Jaisheel	
2004-EL161	Objective digital video quality assessment	Singh,Niraj	
2004-EL162	A contactless power transfer system for biomedical implants	Son,Hyo Yeon	
2004-EL163	Laser-based Timber Profiling	Sun,Richard Pei-Tsun	
2004-EL164	CellML Model Visualization	Tai,Bill	
2004-EL165	Mobile Station Positioning Using GSM Cellular Phone and Neural Networks	Tai,David	
2004-EL166	G-Bot (Gesture Robot)	Talwatta,Kasun	
2004-EL167	Robot programming by demonstration platform	Tan,Shaun	
2004-EL168	Interfacing a New I/O Device to a Games Engine	Tang,Helen	
2004-EL169	A Graphical Debugger For A Partial Order Planner	Thaveenthiran,Prasanthan	
2004-EL170	Contactless braking system using Electromagnetism	Thewarapperuma,Sasanka	
2004-EL172	An electrically isolated UPS charger-inverter scheme with lightning protection	Thrimawithana,Duleepa	
2004-EL173	A 3D platform for Computer vision tracking of the human body	Thussu,Deepali	
2004-EL174	A small hybrid wind generator	Tilbrook,Michael	
2004-EL175	Linux Board Support Package for car navigation hardware	Tse,Francis Kam Po	
2004-EL176	Soccer Strategy Planner	Tseng,Cheng	
2004-EL177	Soccer Strategy Planner	Tseng,Chun-Jen (Jacob)	

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2004-EL178	A smart sensor module for sediment movement monitoring in riverbeds	Tung,Yen-Jung	
2004-EL179	Applications of Luo Converters	van der Horst Bruyn,Jon	
2004-EL180	FPGA controlled Sinewave Inverter with RMS control and THD minimization	Vareed,Andrew	
2004-EL181	A 3D platform for Computer vision tracking of the human body	Vukadinovic,Sanja	
2004-EL182	Modeling Traffic Mobility in Indoor Wireless Systems	Vukadinovic,Srdjan	
2004-EL184	A Computer Vision investigation of full human body tracking	Wang,David	
2004-EL185	Road-stud brightness testing machine	Wang,David (Tse-Chi)	
2004-EL186	Volume and Surface Area Sensor for Agricultural Products	Wang,David Ta-Yuan	
2004-EL187	Image Watermarking	Wang,Jijiang (Gavin)	
2004-EL188	Laser-based Timber Profiling	Weng,Freddy Yuh-Hung	
2004-EL189	Super-capacitor based power transfer with dynamic isolation	Wong,Augustine	
2004-EL190	2D Tracking of human motion using advanced signal processing	Wong,Charles	
2004-EL191	Incorporating type concept in form-based messaging	Wong,Yit Leong	
2004-EL192	Forward Link Power Control in CDMA Communication Systems	Woon,David	
2004-EL193	Development of Eddy Current Speaker	Wu,Justin	
2004-EL194	Information Visualisation in an Interactive 3D Environment	Wu,Sandra	
2004-EL195	Image Watermarking	Wu,Tianran (Athena)	
2004-EL196	Waveguide Reflectometer	Xia,Yibing	
2004-EL197	Electromagnetic Dosimetry	Yang,Han-Chun	
2004-EL198	Cost-effective navigation system using GIS/GPS for fertilizer vehicles	Yang,Joseph	
2004-EL200	Forward Link Power Control in CDMA Communication Systems	Youssef,Sameer	
2004-EL201	An HF Transmission-Line Model for Indoor Single-Phase Low Voltage Cables	Yung,Anthony	
2004-EL202	Improving Test Management in Eclipse	Zhang,Saisai	
2004-EL203	CellML editor	Zhou,Lisa	
2004-EL204	CellML Model Visualization	Zhou,Rui (Richard)	
2004-EL205	A low cost combined contactless power and communication system	Zhu,Margaret	
2004-EL206	Obstacles in Cylindrical Waveguide	Zhu,Qian	
2004-EL207	Information Visualisation in an Interactive 3D Environment	Zhuo,Connie	
2005-EL004	Work Flow Builder Project	Chitale, Nikhil	Volume I

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2005-EL005	Building a Remote Web Education System using Aspect-Oriented Component Engineering	Xiang, Shiqiang	Volume I
2005-EL009	Implementation Of Self Tuning Controller Using FPGA	Leong, Kin Meng	Volume II
2005-EL011	Development of plug-ins for Visual Studio .Net, templates and standards to support Aspect-Oriented Component Engineering.	Jamal, Ahmed	Volume I
2005-EL012	Solar-powered ultra-violet water purification system	Hu, Gong-Ding	Volume I
2005-EL013	A Chaos-Based Multi-user Transceiver Prototyping Based on FPGA Technology	Wei, David	Volume I
2005-EL014	Performance Analysis of a Chaos-Based Multi-user Communication System Implemented in DSP Technology	Thomas, Stephen	Volume I
2005-EL015	Design and Implementation of a Synchronisation Block for a Chaos-Based Communication System	Yuen, Kwok Fay	Volume I
2005-EL016	Web Application Performance Enhancement	Maarouf, Nizar	Volume I
2005-EL017	Development of a high speed control system for a DLP based Structured Light Microscopy	Chou, Jeremy Hao-Min	Volume II
2005-EL018	Automotive Performance ECU Application Research and Implementation	BUTTERS, DAMIAN	Volume II
2005-EL019	Haptic Simulation of Soft Tissue	van der Wel, Stefan	Volume II
2005-EL021	Workflow Studio	Torkington, Helen	Volume II
2005-EL025	A multipath model for the powerline channel	Thomason, Duncan	Volume I
2005-EL027	Optimal topology discovery for automatic meter reading using powerline carrier	Hsiung, Chia-Bin (Jerry)	Volume I
2005-EL028	Electromagnetic dosimetry	Huang, Liang-Chung	Volume I
2005-EL029	Supercapacitor based UPS inverter with sinewave output	Sathianathan, Mahiman	Volume I
2005-EL030	MEM systems based smart pebble for sediment flow monitoring in riverbeds	Liew, Chau Shuang	Volume II
2005-EL032	Linking a Collaborative Virtual Environment to a Portable Phone.	Al-Amid, Saif M. T.	Volume I
2005-EL037	Develop a games engine renderer for Pounamu modelling views	Bhumiwat, Mek	Volume I
2005-EL040	VisML - A Markup Language for Scientific Visualisation	Ling, Jing	Volume I
2005-EL041	Sheet defect scanner	Chen, Haitian	Volume II
2005-EL042	Smart Fan	Mistry, Jayesh	Volume II
2005-EL045	An Information Visualization Toolkit for a Game Engine	Bok, Ricky	Volume I
2005-EL046	Testing the Integrity of CAD Object Models	Chung, Chun Kit Jackie	Volume I

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2005-EL054	Power system load modeling and its impacts on system analysis	Wu, Peiqing	Volume I
2005-EL055	Electrical energy model for University of Auckland using Time-of-Use meter data	Situ, Ran Feng	Volume I
2005-EL056	An Equation Editor for Multidimensional Scientific Data	Llewelyn, Andrew	Volume I
2005-EL058	Eclipse Backstep	Fantham, Jonathan	Volume I
2005-EL059	A Java Data Structure Visualiser for Eclipse	Khan, Tahseen	Volume I
2005-EL060	2D Inverted Pendulum	Chen, Rick Wei-Jung	Volume II
2005-EL061	Architectures for Building Smart Client Software	Leung, Suk Yee	Volume II
2005-EL062	Switching Studies for Islington Substation Capacitor Banks with Surge Arresters	Srivastava, Deeksha	Volume I
2005-EL063	A Cricket Bowling Machine	Trikannad, Anmol	Volume II
2005-EL064	Pipe Crawling Robot	Lin, I-Ting	Volume II
2005-EL065	A Dynamically Reconfigurable Web-Service	Lee, Gene	Volume II
2005-EL066	Dynamic Reconfiguration of Off-Board Robotic Control Software	Tan, Alvin	Volume I
2005-EL067	Web based online feedback management system	Lau, Richard	Volume I
2005-EL068	A Web-Service for ALLOY	Weerasinghe, Thiranjith	Volume II
2005-EL069	Web Application Testing Environment	Yin, Zili	Volume I
2005-EL077	Video transcoding for Internet video streaming	Prasad, Anish	Volume II
2005-EL079	Website design for the management of EngSci & Bio 4th year projects.	Wroblewski, Phillip	Volume I
2005-EL080	Surveillance system over the Internet	Ramachandra, Buddhika Sujith	Volume II
2005-EL082	Acquisition of phase information in thermal images	Shih, Richard Yen-Hung	Volume I
2005-EL083	Modulated Heat Source	Watts, Alistair	Volume I
2005-EL084	Predicting nonlinear signals using networks networks	Chung, Michael	Volume I
2005-EL086	Improved Tripwire Detector	Yin, Michael	Volume I
2005-EL087	An architecture for fast AJAX enabled web forms	Flaherty, Jason	Volume I
2005-EL090	An Investigation into the application of Weightless Neural Networks to Image Processing	Pang, Cheng	Volume I
2005-EL092	AS2 Implementation Strategy for E-Commerce	Anthony , Saputra	Volume I
2005-EL093	Fingerprints-based Biometric Authentication System	Morris, Subhash	Volume I
2005-EL094	Speaker Identification System Using TESPAP Technique	Hwang, Ryo	Volume I
2005-EL095	XQuery to XSLT Transformation	Xue, Phoebe	Volume I

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2005-EL097	XML to Relational Database Transformation	Dantra, Ruskin	Volume I
2005-EL100	Automated Robotic Touch Screen Calibrator	Sheik Muhammed Ali, Sheed Ahmed	Volume I
2005-EL101	Integrated robotic programming environment	Gumbley, Luke	Volume I
2005-EL103	Simultaneous Localization and Mapping (SLAM)	CHOU, JACK	Volume I
2005-EL104	Smart camera – an intelligent vision sensor	Shum, Alan	Volume II
2005-EL105	Reactive Microprocessor Hardware/Software Co-Verification Tool	Han, John	Volume II
2005-EL106	Network Security Toolkit	Yong, Shereen	Volume I
2005-EL108	Evaluation of Software Systems for Image Processing	Fung, Nick	Volume II
2005-EL109	A Discrete Time Recurrent Neural Network (DTRNN)	Patel, Krutartha	Volume II
2005-EL110	Implementation of Artificial Neural Networks on FPGA Devices	Chan, Ian Dao	Volume II
2005-EL111	Investigation of an Unattended Wireless Ground Sensor System	Hahn, George	Volume II
2005-EL112	Smart power socket	Howell, Tim	Volume I
2005-EL113	A combined wireless power and signal transfer system for biomedical implants	Wang, Yi-Ze(Tony)	Volume I
2005-EL114	Toys driven by contactless power supplies	OU, WENDY WEN-LIN	Volume I
2005-EL115	Offroad guidance application	Guria, Mia	Volume II
2005-EL116	Waveguide Reflectometer	Tsai, Vita	Volume I
2005-EL118	Electronic Load for IPT Pick-ups	Zhao, Feng	Volume II
2005-EL119	IPT system for the Flume in Civil Engineering	Mu, Ying Miranda	Volume I
2005-EL120	Transformer coupling compensation for IPT track	Han, Daniel	Volume II
2005-EL121	GRAFYC - Game for Realising Accentuation For Young Children	Finlay, Scott	Volume I
2005-EL122	The Chuckling Robot	FONG, SIMON	Volume I
2005-EL123	Design and Development of Speech Driven Control on Personal Navigation System	Su, Ying	Volume II
2005-EL124	Creating Additional Virtual Lighting Circuits Using Power Line Communication	Gormack, Michael	Volume I
2005-EL125	Development of an anaesthetic monitoring system	Balachandran, Bhyravi	Volume I
2005-EL126	Development of GPS Receiver Accuracy Testware for Navman NZ Ltd	Cheong, Dorothy	Volume I
2005-EL127	Development of a Pupilometer	Lau, Jeffrey Chi Ho	Volume II

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2005-EL128	Exploring lightweight web applications: designing an email client for the user	Broome, Dave	Volume I
2005-EL130	A new three phase ICPT system	Keeling, Nicholas	Volume I
2005-EL132	An ICPT single pick-up battery management and communications system	Chu, Kelvin	Volume I
2005-EL135	Development of an electromagnetic energy storage system.	Wei, Te-Chin	Volume I
2005-EL136	Telemicroscopy System	Akil, Ali	Volume II
2005-EL139	A study into the effects of Peer Assessment	wei, Warren	Volume I
2005-EL141	Electromagnetic Characterisation of Frequency Selective Surfaces for Indoor Wireless Communications	ZANG, Lingfeng	Volume I
2005-EL142	Propagation Modelling Using Finite-Difference Time-Domain Methods	Sandeep, Srikumar	Volume I
2005-EL143	Web based Change Management System	YU, Ting	Volume II
2005-EL144	Weed Identification System	Kularatna, Dulsha	Volume II
2005-EL145	Aspect-Oriented WSDL Creator and Editor Tool	Kim, Brian Jun-Young	Volume I
2005-EL146	Hardware-assisted signature matching for network packets	Mahawatte, Varuni	Volume I
2005-EL147	Energy saving heating towel rack	Peng, Ruyi	Volume II
2005-EL148	Software for a Multi-Layer Display	Hu, Wenda	Volume I
2005-EL149	A Java Package for Qualitative Spatial Reasoning	Clephane, Tim	Volume I
2005-EL150	Massive multiple sequence alignment via grid computing and genetic algorithms	Billeh, Elias	Volume II
2005-EL151	Agile Time Tracker	Leong, Heng-Gang	Volume II
2005-EL152	Implementation of Early-late Gate Synchronizer as an SoPC Component	Wijeratne, Chad	Volume II
2005-EL157	A Testing Framework for Fiber Tractography	Wei, Langping (Kevin)	Volume I
2005-EL159	Aspect-Oriented Real Time CVS System	Chen, Hsiao-Cheng	Volume II
2005-EL160	TV Recording and Management	Farrier, James	Volume II
2005-EL161	Development of a software tool for NOKIA's UMTS IP Network Design	Sarna, Rajat	Volume I
2005-EL162	A hybrid wind generator	Beaver, Jonathan	Volume I
2006-EL002	Web portal for the ICT Innovation Academy	Cheung Matthew	1
2006-EL003	A personal health management application	Kanade Sumedh	2
2006-EL004	Development of a Magnetic Model of an Aluminium Reduction Cell	Chen Chih-Chieh (Jack)	2
2006-EL005	nDeva Timetable Scheduling Extension System	Liu Hongling	2

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2006-EL007	Mobile Chat Service	Chik Vincent Chun Hei	1
2006-EL008	A Distributed Utility Management Service	Barneto Lynn	1
2006-EL009	A Framework for Automated Usability Testing	Au Fiora	2
2006-EL010	Dynamic Path Finding for Vehicle Navigation	Kumar Bhavik	2
2006-EL013	Design of a CDMA System in FPGA Technology	Wang Chih-Hong	2
2006-EL014	Design of a Multiuser Chaos-Based Communication System	Austin Andrew	2
2006-EL015	Design and Implementation of a Sensor Node for Intelligent Sensor Network Application	Gebbie Boaz	2
2006-EL016	Optimal scheduling algorithms on parallel computer	Kozlov Alexei	2
2006-EL018	Development of a PDA Messaging System	Imran-uz-zaman Samdanae Muhammad	2
2006-EL020	Real-time Environment Mapping	Mitrovic Srdjan	1
2006-EL021	Clifford's Eyes	Wong Hur Thye	2
2006-EL023	Investigation of table-driven routing protocols for MANETS	Liu Cathy	2
2006-EL024	Investigation of on-demand routing protocols for MANETS	Hsiao Jason Kuo-Han	2
2006-EL025	Investigation of 802.11b MAC protocol for MANETS	Anasuri Pradeep	2
2006-EL026	Development of distributed industrial automation systems and debugging functionality based on the Open Source OOONEIDA Workbench.	Dai William	1
2006-EL027	Implementing distributed controls for a mechatronics test bed	Mazharullah Omar	1
2006-EL028	Task Graph Editor as Eclipse Plugin	Palevich Mihailo	2
2006-EL033	Implementation of Self Tuning Controller Using DSP	Chung Chun Hung	1
2006-EL034	Prototype Domestic Energy Data Logger	Tombleson Daniel	2
2006-EL035	Developing an Automated Intelligent Environment	Caintic Mia	1
2006-EL036	Design of Controllers for Rudder Control Mechanism	Divakar Jay	1
2006-EL037	3D Visualization Techniques with Multi-Layer Display Technology	Prema Vijay	1
2006-EL039	Direct Execution Platform for Automotive Control Software	Chou John	1
2006-EL040	Verification of Airport Baggage Handling Systems (BHS) using SystemJ	Lee Jeremy	1
2006-EL041	Web Photo Wizard	Lee Cindy Hsin-Chieh	1
2006-EL044	Inertial Navigation System	Boyd Blair	1

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2006-EL047	Robotic Fish	Deroo Vince	2
2006-EL048	Impacts of large scale deployment of Compact Fluorescent Lamps	Parameshwaran Mayooran	2
2006-EL049	An improved eFA system	Zhao Liang	1
2006-EL051	An IPT Security Camera System	Luo Chi-Chao	1
2006-EL052	An intelligent grid interface for a Wind Turbine Emulator	Dhand Preeti	2
2006-EL053	Development of a bi-directional converter	Shao Shengjie	1
2006-EL054	An enhanced performance ICPT power pick-up	Wu Melody	1
2006-EL055	An Intelligent Sensor for Water Velocity and Acceleration	Akeila Ehad	1
2006-EL057	ARPRO- A New Auckland Reactive Processor	Mohottige Charitha	1
2006-EL058	An Electronic dashboard for an electronic golf cart	Abdulahi Mohamed	1
2006-EL059	Video Camera-based Tracking Sensor	Kuo Tony	1
2006-EL060	Interactive Instrumentation for Civil Engineering Flume	Ibrahim Hisham	1
2006-EL061	Defeating Ambient Noise by Microphone Array	Lee Ricky	2
2006-EL062	Investigation of maximum current carrying capacity of underground power cables	Chadha Gaganpreet	2
2006-EL063	Primary power converter control for implantable biomedical devices	Amarasekera Hasini	1
2006-EL064	A capacitively coupled battery charging system	Li Jietao	2
2006-EL065	FPGA Implementation of a Reconfigurable Multiple-Issue Processor	Wong Stephen	1
2006-EL068	Development of a sensor for detection of cracks located in edge areas of metallic structures.	De Silva De Silva	2
2006-EL069	Development and analysis of a multipart numerical model of monorail inductive power transfer systems	Pujji Liza	1
2006-EL072	3D Inverted Pendulum	Liang Tiffany Chun-Ting	1
2006-EL073	Engineering Calculator	Duffadar Abhinabh	1
2006-EL074	Development of a Laboratory Scale Unicycle	Fung Ka Kin Vincent	1
2006-EL075	Computer-Based Aid for the Pronunciation of Maori	Jacynth Gutla	2
2006-EL076	Modelling the Aging Voice	Wang Jiasheng	2
2006-EL077	Cost-effective touch-pad for the physically disabled	Mussa Ibrahim	1
2006-EL079	Statistical analysis of OASIS practice and assessment data	Du Tong	2
2006-EL080	Emergency Internet Mirror	Basu Saswamit	1
2006-EL082	Anticipatory adjustments in the unloading task for a robot arm	Choi James	2

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2006-EL087	Position tracking and visualisation for robot programming	Shaw Gareth	2
2006-EL088	Programming robots using human demonstrations	Chen Ian Yen-Hung	2
2006-EL089	Lecture clickers	Nazlee Hossain Nehrin	2
2006-EL090	AJAX Interface to Player/Stage	Satyanarayan Madhuwant	1
2006-EL091	Enhanced 3D map representation for embedded devices using Triangulated Irregular Networks	Shrestha Anu	1
2006-EL092	Pocket PC Football Referee Assistant	Alsari Aiman	2
2006-EL093	Development of a Rodent Voluntary Wheel Running Exercise Facility	Ritson Tim	1
2006-EL094	Using Neural Networks to predict Earthquakes	cai Zini	2
2006-EL095	Service-oriented just-in-time ETL layer	Wang Bin	2
2006-EL098	Compression and Encoding of Navman NZ Ltd Map Data	Gerrard Michael	2
2006-EL099	Development of an IEEE 1451 standard-based platform for air quality monitori	Arunthavasoathy Aparna	1
2006-EL100	Java Web Service	Cho Andrew	1
2006-EL103	Patch Antennas for Indoor Wireless Communications	Fang Szu-Kai	2
2006-EL104	Millimetric Wave Propagation for Future Indoor Wireless Communications	Singh Harneet	2
2006-EL105	Recognizing human facial expressions	Jayamuni Jayamuni	2
2006-EL106	Optimised pulse-induction metal detector	nayagam rehan	1
2006-EL107	Phase information in thermal images	Wong Christopher	1
2006-EL108	Identification of foreign particles in food	Murray Richard	2
2006-EL109	Mobile Location Reliability Analysis	Ferner Ulric	2
2006-EL110	In-building wireless communications performance improvement with interference suppression	Byun Youngkeun	2
2006-EL111	Frequency Selective Surface development for interference control	Chen Freddy	2
2006-EL112	An on-line dress sense feedback system	Chao Chien	1
2006-EL114	IP link testing using DAG cards	hon siu hong	1
2006-EL118	Development of an electronics module for an asthma medication delivery device	Chand Rajeev	1
2006-EL119	Daylight Generation Using LEDs	Kwok Monica	1
2006-EL120	Automatic Classification of Images	Balakrishna Shreyas	1
2006-EL121	Skin Detection using Hyperspectral Images	Kaur Puneet	1

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2006-EL124	Sports Coach Tool	Clark Jonathan	2
2006-EL125	24 V DC input IPT system	Hegerty Darryn	1
2006-EL126	Light Flicker Mitigation	Huang Weiwei	2
2006-EL127	IPT Toys with flexible track layout	Law Kim Chong	1
2006-EL128	Wireless power supply	Wang Charles	1
2006-EL129	Development of a Model Helicopter Rig	Huang Liang	1
2006-EL130	A Distributed IPT Track System	Lan Andy	1
2007-EL003	Game development using SystemJ	Zein Kien Yap	1
2007-EL004	Direct Execution Platforms for Embedded Systems	Rohan Aggrawal	1
2007-EL005	Verification of Airport Baggage Handling Systems (BHS)	Sze Ling Yeap	1
2007-EL006	Portable Reader for the Blind	Raymond Ping Leung Chan	1
2007-EL007	Scheduling Algorithm Using Task Duplication for Parallel Systems	Manpreet Kaur	1
2007-EL008	Visualisation of Program Dependences in Loops	Ratha Long	1
2007-EL010	Multi-Drop Communications for IPT System	Michael Zhe Feng	1
2007-EL011	A Comparison of IPT Pick-up Control Techniques	Rahul Tunak Banerjee	1
2007-EL012	A Case Tool for Feature Oriented Design	Hung Chan Pham	2
2007-EL014	XSL Transformation for ZML	Yuriy Halytskyy	2
2007-EL015	Robotic fish based on a polymer actuator	Han Wang	2
2007-EL017	Robotic health care assistant	Karl Chaffey	2
2007-EL018	Wearable computer and interaction space	Sang Hyup Kim	1
2007-EL020	Fast Rendering	Yimin Zhou	1
2007-EL022	Busbar Protection based on Overcurrent Reverse Interlocking Principle and Peer-To -Peer Relay Communication	Rebecca Katherine Stevens	2
2007-EL024	Tools for fast digital rendering	Michael David Ryan Jagar	1
2007-EL025	Development of a System for Formulation of Dynamic Line Rating for an Overhead Line	Usman Ajmal	2
2007-EL026	A Long-Term Network Development Demand Forecast for Vector Networks	Guhan Sivakumar	2
2007-EL027	Using Substation Configuration Description files (XML) to create substation single line diagram	Chawla Rupali	2
2007-EL028	Real-time Stereo	Robert James Mackay	1

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2007-EL030	Making Smart Homes Smarter Using Spoken Dialogue Systems	Sashank Ramkumar	1
2007-EL032	Eclipse Test Generation	Jamie Charles William Penney	2
2007-EL033	Mashup Creation Tool	James David Rose	2
2007-EL034	Sound Source Direction Finder Using Human-like Ears	Manish Mongia	2
2007-EL035	Database Query Wizard	Zhijian Shen	2
2007-EL036	Multi-dimensional input for 3 Dimensional Environments	Sreeram Sreedharan	2
2007-EL037	Acoustic Tagging Detector	Chung-Yu Kan	2
2007-EL038	An IPT Battery charger for Robots and Segways	Ryo Arai	1
2007-EL039	Development & test of a quadrature power pick-up	Cliff James Pennalligen	1
2007-EL040	Variable tuning control of high power pick-ups	Jimmy Chih-Hsien Peng	1
2007-EL044	Intelligent Replication Middleware	Jincheng Li	1
2007-EL045	Search Tools for Historical Newsprint	Rachita Dahama	1
2007-EL046	An Enhanced Java RMI Registry	Eddie Chih-Jung Chiang	1
2007-EL047	A web-based panorama and virtual tour authoring system	Craig Geoffrey De Stigter	1
2007-EL048	Ground-penetrating radar for graveyard mapping	Young Suk Kwon	1
2007-EL049	Speech Controlled Robotic Arm to Facilitate Handwriting	Abigail Brenda Parmar	2
2007-EL051	Thin-client diagramming tool	Tony Yu Kit Ip	1
2007-EL052	Real-time Tracking Using Multiple Smart Video Cameras	Jordan Kristopher Ewen	1
2007-EL056	Development of an "AJAX" based diagram editor.	Joe Lee	2
2007-EL057	Optical Analog-to-Digital Converter - OADC	Zhen Lei	1
2007-EL058	Statistical analysis of student performance on course concept questions.	Ivan Milenovic	1
2007-EL059	Cost-effective touch-pad for the physically disabled	Patty Chih-Chuan Wu	1
2007-EL060	A 1.5kW Stand-alone Wind Turbine System	Joel Samuel Davey	2
2007-EL061	A vacuum detector	Bharti Hirabhai Patel	1
2007-EL063	Extensible Cross-platform Application Framework	Jeffrey Paul Bridges	2
2007-EL064	Enhanced Source Control	Guy Richard Sherman	2
2007-EL065	Computer Mediated Story Creation for Children with Autism	Ramya Porumamilla Vasantha Kumar	1

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2007-EL067	Thermal imaging for leaky-home analysis	Tingting Qian	1
2007-EL068	High-performance metal detector	Richard Vimal Kumar Edwin Thomas David	1
2007-EL069	Evaluation of metal content in reinforced concrete walls	Haydar Th Abdul Hussein	2
2007-EL070	Function Block Implementation of Computer Numeric Controllers	Zina Abdul Karim Al-Bayaa	2
2007-EL073	Increasing flexibility of the Mechatronics manufacturing model by adding a diverting loop with embedded intelligence	Anand Nayer	1
2007-EL075	Function Block Workbench – for Engineering and Automatic Validation of Embedded Automation Systems	Jason Park	1
2007-EL076	Wireless Embedded Control Devices running Function Blocks	David Huang	1
2007-EL077	Distributed Control and Simulation for Reconfiguration of the ECE Mechatronic Testbed	Kalpesh Kanjee	1
2007-EL078	Powering Flexible Manufacturing Systems with Intelligent Wireless Power Transfer (IPT or CPT)	Mickel Bipin Budhia	1
2007-EL079	Voice Morphing	Erica Bell	2
2007-EL080	Recognising and Assessing musical intervals.	Adel Alfadli	2
2007-EL081	Design and Implementation of a Precision Lung Humidity Sensor	Hugh Logan Milsom	1
2007-EL082	Remote Appliance Access Platform	Timothy John Roper	1
2007-EL085	Implementation of Adaptive Controllers using DSP	Kosta Mitic	1
2007-EL086	Robotic fish for mobile sensing	Chun Yat Fan	2
2007-EL088	Dynamic Modelling of Kidney	Jangez Sattar Rahmat Khan	1
2007-EL090	Robotic fish	Christopher Thomas Colquhoun	2
2007-EL091	Online partial discharge monitoring system using acoustic sensing technology	Duncan Arthur O'Donnell	2
2007-EL092	Can Machine Verify People Identities Using Their Voice?	Shubhankar Goswami	2
2007-EL093	Secure Desktop Application Installer	Zubair Sharif Ahmed	1
2007-EL094	A secure web based offline email reader	Sean Isaac Young	1
2007-EL095	Optimising Critical Functional Units for a Low Power Processor Core	Junyu Ma	1
2007-EL097	Manipulating a Yo-Yo with a robotic arm	Jacob Jay Thomson	2
2007-EL098	Development of a GAMMA Neural Network Simulator	Sarvajith DR	2

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2007-EL102	A Prototype System that Supports Versioned Business Processes	Kieh-Mei Wei	1
2007-EL104	Automatic layout of hand-drawn diagrams	Frederick James Hallett-Hook	2
2007-EL105	Vivaldi Antennas for Ultrawideband Communications	Cheng Lu	2
2007-EL107	Spiral Antennas for Broadband Indoor Wireless Systems	Gaurav Bradoo	2
2007-EL111	Design and Implementation of a Sensor Node	David John Hayes	2
2007-EL112	Protocol Design for Sensor Networks	Leo Liu	2
2007-EL113	Simulation of a large scale sensor network (subject to OPNET arrival)	Md Rifatul Islam	2
2007-EL115	A consumer interface for micro-wind turbines	Fook Weng Chan	2
2007-EL116	Mobile location in an indoor environment	Chuan Zhang	2
2007-EL117	Propagation in Indoor Wireless Systems Incorporating Frequency Selective Surfaces	Nanpu Li	2
2007-EL118	Frequency Selective Surface development for interference control	Ritu	2
2007-EL119	Correcting Optical Aberrations in Software	Robert Paul Ashley Whitlock	1
2007-EL120	Active Ed.	Sachini Nisansala Yapa	1
2007-EL123	Mozilla Source Code Analysis	Taiga Umeda	2
2007-EL125	Automated algorithm student-submission marker	Jae Hyek Lee	1
2007-EL130	Internet marketing software	Calvin Kim Hoe Lai	1
2007-EL132	Detecting the garbage in speech signal!	Hou Chi Sou	2
2007-EL133	Jini Spring Remoting for Kiwiplan	Don Augustine Wei Hsien Chin	1
2007-EL134	Integration of Mechatronic Actors in ECE Testbed	Vaibhav Thadakamalla	2
2007-EL136	USB optical and Zigbee transmitter/receiver	Devang Pradeep Ravani	1
2007-EL138	Automata Theoretic Modeling of Data	Aniruddh Gandhi	2
2007-EL139	A Web-based Integrated Project Management System	Song Zhuo Lei	1
2007-EL141	Talking-book machine innovations	Liang Huang	1
2007-EL142	Web-based Conference Management System	Ye Shi	1
2007-EL143	Risk Alert Management System	Ravneet Singh Madan	2
2008-EL002	A robot arm that can play a yo-yo	Chen Zhong	2
2008-EL003	Ground-penetrating radar for UXO detection	Pang Yinzia	2

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2008-EL007	Wireless sensor network	Heteng Edwin Liang	2
2008-EL008	Two-Touch Screen Origami	Chang, Hsiao Heng	2
2008-EL009	Multiprocessor systems on chip supporting GALS language execution	Adam Walker	1
2008-EL010	An Embedded Multi-Profile H.264/AVC Video Decoder	James Bassett	1
2008-EL011	Modelling and design of an integrated on-silicon laser source for optical networking and on-chip communication	Guang Han	1
2008-EL013	Analysis and controller synthesis of a 3D helicopter system	Mohammad Hakimi Yusof Abu Bakar	1
2008-EL014	Prediction of mobile radio path loss over mixed land-sea paths	Arjun Talwar	2
2008-EL016	Improved modelling of mobile ad-hoc networks	Rohit Nair	2
2008-EL017	Building a Semantic Web site from legacy web resources	Carpinter, Simon Daniel	2
2008-EL019	Graphical editor for visual programming in industrial automation	Mitchell, Thomas Holden (Tom)	2
2008-EL022	Ink Annotation on Web Browsers	Doshi, Meghavi Atul	1
2008-EL023	On-board new-user instructions for talking-book machines	Liang Huang	1
2008-EL024	Aged voice synthesis	Philip Isaacs	2
2008-EL025	Rite music: Automatic selection of playlists and music for every situation	Dick, Benjamin Jason (Ben)	2
2008-EL026	Controlling chaotic systems	Bob Wang	1
2008-EL028	Development of a web-based control experiment for a coupled Tank apparatus	Jessica Ye	1
2008-EL029	Wireless power charging of robotic fish	Chengchuan Luo	2
2008-EL032	HERMES- an automated testing tool for mobile device applications	She, Sakura May-Ling	1
2008-EL033	A framework for developing highly available and scalable web services	Gardiner, Mark Alan Mackinnon	1
2008-EL034	Investigation into the feasibility of MLD technology in mobile devices	Ted Han	2
2008-EL035	A design methodology for airport baggage handling systems (BHS) using IEC61499 standard	Yu-Jin Quay	1
2008-EL037	Inductively recharged fishing lures	Adam Rydwanski	1
2008-EL038	Development of a non-destructive tester for the detection of fabrication cracks in screws	Nur Dalila Binti Kamarudin	1
2008-EL040	Automatic song identification	Musa Nor Azmi	2

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2008-EL042	Implementing the FDTD method on the IBM Cell microprocessor to model indoor wireless propagation	Andrew Houghton	2
2008-EL044	A Wireless Communication System for IP Camera	Gampahekorallalage Ratnasekera	2
2008-EL045	Investigation of MPEG playback mode extension	Rahul Agastya	1
2008-EL046	Detection of foreign particles in food	Sung-Poh (Jeff) Wu	1
2008-EL047	Parallelising an Object Oriented Application with Parallel Iterators	Akeila, Lama (Lama)	1
2008-EL048	Eye gaze supported user information	Gatland, Matthew Thomas (Matthew)	2
2008-EL050	Contactless power supply to sensors used in respiratory devices	Chin Fei Low	1
2008-EL051	Multi-Platform Document-Oriented GUIs	Kim, James	2
2008-EL052	A more manageable multi-window interface	Al Hassani, Ahmed Bassam Soliman	2
2008-EL053	Self-powered wireless sensor	Paul Huang	1
2008-EL054	Development of an optical touch screen	Brendon Port	1
2008-EL055	Development of a wireless interface for Point of Sale (POS) technology	Byung Chul Min	2
2008-EL057	Model two-wheeled, self-balancing device	Feng Wu	1
2008-EL058	Rich media interface to Content Server	Tong, Wenghao (Weng Hao)	2
2008-EL060	Investigation into a small scale SPD-SFT mode	Andrew Mills	2
2008-EL061	Distribution network fault management using distance to fault measurement for network restoration	Herng Yee Yam	2
2008-EL062	Storage solutions for renewable energy integration	Richard Rigby	2
2008-EL063	Interfaces for renewable/DG grid integration	Nicholas Sai Ki Lee	2
2008-EL064	Two Level Logic Minimization	Fergus Gardner	2
2008-EL065	OASIS Circuit Diagram Editor	Eugene Yip	2
2008-EL066	Musical solid-state Tesla coil	Mu-An Hsu	1
2008-EL067	Arbitrary signal generator for the Cleverscope	Alexander Davies	1
2008-EL068	Narrow-band spectral analysis for the Cleverscope	YIMIN ZHOU	1
2008-EL069	USB knob box for the Cleverscope	Huan-Wei Liu	1
2008-EL070	Gantry control using wave-echo techniques	Rowan Brown	1

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2008-EL072	Wireless power pad with controllable field vector for implantable sensors	Rushdy Ahamed	1
2008-EL073	A rotary contactless power and signal transfer system	Xinbo Gao	1
2008-EL074	Power converters for solar power control	Yaohua Lu	2
2008-EL076	Inductively coupled AC systems	Peter Wei-Chieh Hsia	1
2008-EL077	IPT communications systems	Liu Hong	2
2008-EL078	Frequency selective surface development for interference control	Sampita Dutta	2
2008-EL079	Wireless signal reception simulation	Hamish Laburn	2
2008-EL080	CDMA wireless communication simulation	Siddhartha Kusukuntla	2
2008-EL081	An IPT battery charger for the Pioneer robot	Andrew Peng	2
2008-EL082	IPT high powered lighting control	Tuo Sun	1
2008-EL083	An LCL variable tuning controller	Libin George	1
2008-EL084	An investigation into iron losses of BLDC motors	Fei Ye	2
2008-EL085	Development of a thermal model for a BLDC motor with NdFeB magnets	Wyman Cheung	2
2008-EL086	Secure environment for assessing student programs	Nigel Thomas	2
2008-EL088	Shielding effectiveness of frequency selective surfaces	Ranmal Kariyawasam	2
2008-EL089	An investigation into the real time properties of the fuzzy ARTMAP	Kavin Ginige	1
2008-EL090	timetable organizer	Basnayake, Thilina Praveen (Thilina)	2
2008-EL092	Wireless Propagation Measurements in Concrete Environments	Ivan Nyo	2
2008-EL095	2.5D robotic stage simulator	Nick Wong	2
2008-EL096	Nurse robot speech interaction	Oshan Manawadu	2
2008-EL098	Accelerated Rendering	Joseph Yiin	1
2008-EL100	Selinus interactive map project	Appilla Chakravarthi, Yashasvi	2
2008-EL101	Printed circuit board reverse engineering tool	Andrew White	1
2008-EL102	Reconfiguration of manufacturing systems with intelligent control and wireless communication	Yu Lin Tsou	1
2008-EL103	Fingerprint recognition for use in a payment system	Jakub Osika	2
2008-EL104	DSP implementation of an acoustic tagging detector	Tommy Chou	2

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2008-EL107	Tools for fast digital rendering	Gongbo Sun	2
2008-EL108	Extendible Language Aid	Roja Manchukonda	2
2008-EL109	Visualization of Anaesthesia Diagnosis in Real Time	Lee, Ken (Ken)	1
2008-EL110	Self-powered smart irrigation system	Qian Tao	1
2009-EL006	Exploring Multitouch interaction with 3D objects	Glen Robertson, Amit Joshi	v.1
2009-EL007	Design and fabrication of an 2009-ELectromagnetic pump for hazardous liquids.	Xiaoyu Wang, Thomas Moulder	v.1
2009-EL012	Timetable and Event Organizer For Social Networking Sites	Sum So , Kajal Lachhani	v.2
2009-EL014	Musical solidstate Tesla coil	Nicholas Thomas, Jiawei Chen	v.1
2009-EL015	Data Access Layer and GUI Frontend for PDStore	Ramy Hassan, Abhinandan Rampal	v.2
2009-EL017	Studying in SecondLife	Raymond Yeung, Phakti Narapanich	v.2
2009-EL018	Security In a Virtual World	Thi Senaratne, Nathan Wood	v.1
2009-EL019	A WebBased Monitoring and Visualization Tool for the Rehabilitation of Heart Patients	Umang Parikh, George Hay	v.1
2009-EL020	Online Games for Health Monitoring and Lifestyle Improvement of 2009-ELderly People	Shruthi Shankar, Katherine Setiadarma	v.1
2009-EL021	SketchBased Terrain Mod2009-ELling	Jesse Griffin, Aaron Pettit	v.1
2009-EL022	Aesthetic measures	Oran Ryan, Adrian Jamieson	v.2
2009-EL023	Control of ACAC IPT Systems	Richard Stebbing, Joshua Lee	v.1
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