

Department of Electrical and Computer Engineering

Senior Design II Presentation 1991 - Present

<i>Student</i>	<i>Title</i>	<i>Date</i>	<i>Advisor</i>
Benjamin Briggs Chris Rigoli	Solar Peak Power Tracker	May 8, 2008	Julio Gonzalez
Robin Augustine Thottungal	Functional Site Identification Using Proteins & Bioactive Peptide Design	May 8, 2008	Faramarz Vaziri
Robert Dickman Kenneth Cheung Adam Schoenwald	Optimization of Farm Energy	May 8, 2008	Mike Otis
Sean Turner	pH Control System	May 8, 2008	Julio Gonzalez
Jasmin Begovic Airrion Wisdom Badar Khan	An Evolutionary Technique for Analog Circuits Optimization	Dec. 7, 2007	Yaser Khalifa
Tom Paccione Nathan Patrarca	Autonomous Bi-Pedal Robot	Dec. 7, 2007	Julio Gonzalez
Peter Weber	A Parallel Coupled-Line Microstrip Filter	Dec. 7, 2007	Mohammed Zunoubi
Thomas Ford Aaron Sweeney	Filing Sharing Network/NIC Token Ring	Dec. 7, 2007	Mike Otis
Tom Brown	Cathodic Protection System Design	Dec. 7, 2007	Hassan Kalhor
Lauren Segal Florence Nelson	Single Axis Time Dependent Solar Tracker	May 9, 2007	Mike Otis
Charles Settens Taiwo Osinowo	Cellular Remote Starter	May 9, 2007	Julio Gonzalez
Jason Dorfman Frank Celentano	The Green Machine	May 9, 2007	Mike Otis
Dantong Zhu Jobin Thomas	Light/Heat Control	May 9, 2007	Julio Gonzalez
Scott McQuilkin	Stratton Mountain Wind Farm	May 9, 2007	Hassan Kalhor
Frank Ruffini John Cleveland	Automated Filing Machine	Dec. 8, 2006	Yaser Khalifa
Andy Lai Andre Bloomfield Anny Thomas	Domestic Power Monitoring System	Dec. 8, 2006	Faramarz Vaziri
Steven Knieriemen	200 Bed Hospital	Dec. 8, 2006	Hassan Kalhor
Gregor Destin	Optimized Guitar Tuner	Dec. 8, 2006	Julio Gonzalez
Kip Kostenbauder Barry Treloar	Iris Coupled Wave Guide Filter	Dec. 8, 2006	Mohammed Zunoubi

Ninad Patel Aaron Anaya	Green Trainer: Human Energy to Electricity	May 12, 2006	Hassan Kalhor
Brandon Goodman Faisal Taha	Dog Barking	May 12, 2006	Faramarz Vaziri
Robert Foster Jeff Cote	Audio Signal Processing on a DSP	May 12, 2006	Faramarz Vaziri
Jesse Davis	A Microprocessor Controlled Electronic Fuel Injection System	May 12, 2006	Michael Otis
Frank Glynn	Flourescent Lighting Replacement	May 12, 2006	Ghader Eftekhari
Simon DesRiviere	Controlled Temperature Sensor	May 12, 2006	Julio Gonzalez
Marvyn James Gregory Jimenez	MP3 Player	May 12, 2006	Gary Bischoff
Kelly Rogers Sophi Kravitz	Embedded Multi-System Toy Head	May 12, 2006	Gary Bischoff
Richard Balmir	Solar Panel & DC Motor	May 12, 2006	Gary Bischoff
Michael Facey	Communication Featuring WDM	May 12, 2006	Michael Otis
Brendan Upton Brendon Drew	Audibility Control System	Dec 13, 2005	Julio Gonzalez
Kyle Inge Eric Inge	Micro Based Traffic Control	Dec 13, 2005	Julio Gonzalez Michael Otis
Rajiv Singla Danny Daqui	Pattern Recognition	Dec 13, 2005	Faramarz Vaziri
John Kotula	Power System Design For a Small Manufacturing Plant	Dec 13, 2005	Hassan Kalhor
Jennifer Tam Kamalia Somersall	Electric Power Scooter with Solar Power	Dec 13, 2005	Hassan Kalhor
Antony Marceles Roshin Pally	Physical Activity Monitor	Aug 10, 2005	Faramarz Vaziri
Hunter Shi Ed Tam	Realtime Helium Monitor and Totalizer System	Aug 10, 2005	Yaser Khalifa
Phil Davino Adam Kaczmarek Asad Ahmed	Curve Tracer	Aug 10, 2005	Mohammed Zunoubi
Jamaul Smither Carl Cabe Dimitrios Antoniou	Microstrip Antenna	Aug 10, 2005	Mohammed Zunoubi
Khanh Tang Morales Murray	Whip Antenna	Aug 10, 2005	Mohammed Zunoubi
Marcus Lubin Hector Pascal	X-Ray Pulse Counter 8700B	Aug 10, 2005	Gary Bischoff
Ty Clarke Brian Post	TyBri Shower Temperature Control	Aug 10, 2005	Julio Gonzalez
John Yuhan Mary Thomas	SNAIR II	May 13, 2005	Yaser Khalifa

Nancy Trisjoni Percy Yip	Digital Logic Tools	May 13, 2005	Baback Izadi
Keith Graham	Experimental and Theoretical Design & Analysis of a Folded Dipole	May 13, 2005	Mohammed Zunoubi
Jose Gonzalez Michael Teich	Comparative Analysis of Power,Speed Characteristics of Various Adders	May 13, 2005	Baback Izadi Damu Radhakrishnan
Chicho Williams Brain Hanley	Microcomputer-based Control for Hydronic Heating	May 13, 2005	Michael Otis
Pin Yen Hsieh Shih-Yuan Lin	Brushless DC Motor Speed Control	May 13, 2005	Hassan Kalhor
Cory Rywalt Moutasim Hamayel	Renewable Energies for Power Generation	May 13, 2005	Hassan Kalhor
Stephanie Bonny Gustavo Abreu	Computer Aided Tool for Digital Logic Fundamentals	Dec 10, 2004	Michael Otis
Alexis Perez Juan Chireno	Security Access Systems	Dec 10, 2004	Michael Otis
Rich Oppedisano Joe Prisco	LabVIEW Suite for Testing Hardware Standards	Dec 10, 2004	Michael Otis
Kenneth Lai Philrose Pang	Self-Navigating Mobile Robot (REH 107)	May 7, 2004	Baback Izadi
Stephen Schaller Michael Cancel Lauren Stapleton Beke Dube	Self-Navigating Artificially Intelligent Robot	May 7, 2004	Yaser Khalifa
Rick Grisanti Adam White Frank Orapello	Wireless Optical Networking Physical Layer Design/Implementation	May 7, 2004	Michael Otis
Sarah Bower	System for a Pelton Turbine	Dec 11, 2003	Michael Otis
Paul Chauvet	Design of Home Automation and Security System	Dec 11, 2003	Baback Izadi
Kinhson To	Software Implementation of MPS Decoder	Dec 11, 2003	Faramarz Vaziri
Nassir Noble Smith Castillo	Solar Power Tracking System	Dec 11, 2003	Damu Radhakrishnan
John Cilmi Phillip Green Pinyo Pinyavan	Weather Balloon 1	Dec 11, 2003	Yaser Khalifa
Jacky Zhang	Current Controller for a DC Motor	August 15, 2003	Julio Gonzalez
Debra Bitsko	Design of a Cyclic Redundancy Check (CRC 16) mechanism	May 10, 2002	Michael Otis
Ehi Okoene	Design of a Low-Power CMOS Full Adder Cell	May 10, 2002	Damu Radhakrishnan
John Kelly	Autonomous Sumo Robot	May 10, 2002	Julio Gonzalez
Danny Zima	Autonomous Sumo Robot	May 10, 2002	Michael Otis
Steven Albano	Automated Control of a Wiped Film	May 10, 2002	Damu Radhakrishnan

	Evaporator		
Boby Jose	Automated Control of a Wiped Film Evaporator	May 10, 2002	Damu Radhakrishnan
Son Ngo	Optimization of Internet-Like Systems	May 10, 2002	Thomas Gay
Ryan Fury	Analysis, Design, and Comparison of Bipolar, CMOS, and BiCmos Operational	12 / 2001	Ghader Eftekhari
Jonathan Aurricchio	Tension Control and Control Systems Design	12 / 2001	Damu Radhakrishnan
Stephen Conroy	New Paltz MiniBois	6 / 2001	Faramarz Vaziri
Keith Lindenboom	Predicting Arcing in Power Supplies	6 / 2001	Ghader Eftekhari
Michael Wielgos	Investigation of Electromagnetic Shielding Effectiveness of Common Shielding Materials	5 / 2001	Hasson Kalhor
Ken Arenella	A LabView/Microcontroller Variable-Inductance Test Platform	5 / 2001	Mike Otis
Kheng Liang Alexander Ehora	Self-Navigating Mobile Robot	5 / 2001	Mike Otis Ghader Eftekhari
Glenn Martin	Re-Design of a Fire Supression Gas Detector	5 / 2001	Julio Gonzalez
Dean Van Etten	Robot Control	5 / 2001	Julio Gonzalez
Larry Theisen	Thermo Control Unit	5 / 2001	Mike Otis
Mark Wulfert	Antenna Tower Light Monitor and Remote Control Systems Interface	5 / 2001	Mike Otis
Dilara Khan	Optimal Routing for Designing Printed Board	4 / 2001	Julio Gonzalez
Brett Arteta	Personal Digital Dosimeter	3 / 2001	Gary Bischoff
David Knight	Economical Integrated Voice Response	2 / 2001	Faramarz Vaziri
Lyn-Marie Kiefer	MP3 Player Design and Implementation	1 / 2001	Mike Otis
Michael D. Buschmann	Design of a General Purpose 8-bit Microcontroller for FPGA Technology	1 / 2001	Baback Izadi
Brian D. Berry Thomas G. Lawless	Mobile Robotics – Navigation with Wireless Communication	12 / 2000	Mike Otis Faramarz Vaziri
Charles Matula	The Development of an Account Based Model For Data Mining	12 / 2000	Baback Izadi
John Lynch Long Tran	Coin Acceptor	12 / 2000	Mohammed Saed
Robert LaBrie	Mason's Formula	11 / 2000	Julio Gonzalez
Beatriz Bailon Julio Mahecha	Design of an Electronic Advising Program	10 / 2000	Julio Gonzalez
Dexter Cameron Dorman Crawford Paul De Puy	Voice Recognition	9 / 2000	Thomas Gay
Robert Bubel	Design of a Parallel Micro – Controller	9 / 2000	Mike Otis
Ben Varghese	C.A.T. Cable Assembler Tester	8 / 2000	Thomas Gay
John Farrigua	Serial Communication Network	7 / 2000	Mike Otis
Kenneth Chow Tom Nguyen	Microelectronic Process Simulation and Oxidation of Silicon	7 / 2000	Ghader Eftekhari
Spencer W. Lamy	Real Time Database Data Acquisition System	7 / 2000	Mike Otis
Luis Centeno	Design of Home Security System	6 / 2000	Thomas Gay

Robert Molina			
Michael O. Darko	Universal Laboratory Machine Experiments and Design of 3-Phase Induction Motor	6 / 2000	Hassan Kalhor
Gonn Hoi Cheung	Universal Laboratory Machine Shaded-Pole Single Phase Motor Design	6 / 2000	Hassan Kalhor
Laurence Reitman	A Fuzzy Expert Supervisor for a Model Reference Adaptive System	6 / 2000	Julio Gonzalez
Richard Birch	Automatic Fingerprint Authentication Systems Design	5 / 2000	Thomas Gay
Giao T. Hong	Cadence CAD Chip Design Tool	5 / 2000	Mike Otis
Mike Bestenheider	Thin Film Microwave Power Dividers and Hybrid Couplers	5 / 2000	Mohammed Saed
Vall Mclean	Microelectronics Process Simulation	5 / 2000	Ghader Eftekhari
Stavros P. Boglou	DC Motor Controlled with Thyristor (SCR)	5 / 2000	Ghader Eftekhari
Jian Zhu	Microcontamination Detector and Control in Physical Vapor Deposition Process and Equipment	5 / 2000	Owen Hill
Karyn Velasquez	A New Broadband Stacked Patch Microstrip Antenna	5 / 2000	Mohammed Saed
Jeremy Cooke	FPGA Based E/EPROM Programmer	5 / 2000	Baback Izadi
Steven VanAernam	Design of A Failure Analysis Process	5 / 2000	Owen Hill
Ruiqing Zheng	OFDM System	4 / 2000	Faramarz Vaziri
Jupiter Ehrlich	Price Comparison Software	1 / 2000	Owen Hill
Joseph T. Livingston	Print Vend Controller	12 / 1999	Mike Otis
Guian Backas	Investigation of Bipolar Transistor and Transistor Circuits at 77K	11 / 1999	Ghader Eftekhari
Tony Stagno Ahmad Ibrahim	Design if an interactive electronics Course	11 / 1999	Julio Gonzalez
Sean H. Donnelly	Rarefied Air: Customized Climate Controller	9 / 1999	Julio Gonzalez
Jason Joyce	Infrared Signal Detection Using Java	8 / 1999	Owen Hill
Sajid Masud George Papakostas	DC Servo Motor Control	5 / 1999	Julio Gonzalez
Anthony Liguori Sal Orochena	Magnetic Stripe Reader with Software Interface	5 / 1999	Julio Gonzalez
Micah Kilkenny	Temperature Controller	4 / 1999	Ghader Eftekhari
Tom Bluni	Enhanced LANE Services	4 / 1999	Owen Hill
Alen Gnezda	DTMF in DSP Dual tone multiple frequency detector in digital signal processing	12 / 1998	Faramarz Vaziri
John Benedict	A Permanent Magnet Motor Control Circuit	12 / 1998	Thomas Nunes
Zenon Podpora	Microelectronics packaging interconnect Device Parameter Evaluation	11 / 1998	Owen Hill
Mustafa Abu Sada	Wireless Security System	10 / 1998	Ghader Eftekhari
Akram Ghaly	Material Request Form Internet Application	8 / 1998	Julio Gonzalez
Marino Diaz	Characterization of Silicon Oxide at Different	7 / 1998	Ghader Eftekhari

	Temp.		
Elizabeth Perez	Design of a linear thyristor Amplifier	7 / 1998	Julio Gonzalez
Jorge D. Gomez	Design of a Computer Assisted Electronics Laboratory	6 / 1998	Julio Gonzalez
James Clifton Davis	DC Sensorless Motor Control	6 / 1998	Julio Gonzalez
Barry Bonnerwith Ahmad Mufti	Tele – Transponder	6 / 1998	Julio Gonzalez
Timothy Warren	Computer Aid for the Handicapped	5 / 1998	Thomas Gay
Shakil Ahmed	Visual Composite Priority Queuing	5 / 1998	Thomas Gay
Thomas Burns	Route Optimization for Electric and Gas Meter Reading Routes Utilizing GPS Collection Equipment	5 / 1998	Hassan Kalhor
Lance Reiley	Digital Logic Simulation Program A Java Application	4/1998	Owen Hill
Richard Martino	Working in Indusrt My Experience at Sono-Tek	4 / 1998	Owen Hill
Visda Vokhshoori	Senior Design Data Base	3 / 1998	Owen Hill
Brian Kantrowitz	The Help Desk	1 / 1998	Thomas Gay
Alen Gnezda	DTMF in DSP Dual tone multiple frequency detector in digital signal processing	12 / 1998	Faramarz Vaziri
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Jorge D. Gomez	Design of a Computer Assisted Electronics Laboratory	6 / 1998	Julio Gonzalez
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Richard Martino	Working in Indusrt My Experience at Sono-Tek	4 / 1998	Owen Hill
Visda Vokhshoori	Senior Design Data Base	3 / 1998	Owen Hill

Brian Kantrowitz	The Help Desk	1 / 1998	Thomas Gay
Frank Cascio	Tester Program for Main Frame Cooling Units	12/ 1997	Mohammad Saed
Jonathan Fredrick	Uni-Planar Microwave Mixer Circuits	12/ 1997	Mohammad Saed
Judith Salvati	Plane-Polar Near Field to Far Field Transformation for Antenna Measurements	12/ 1997	Mohammad Saed
Rene Lemieux	Digital Level Meter	11/ 1997	Ghader Eftekhari
Giovanni Indomenico	Site Saver – A Java Based Web Site Replicator	11/ 1997	Owen Hill
Andre Salfarlie	Home Security / Surveillance Using the PC	7/ 1997	Owen Hill
David Finsmith	A Designers Handbook for Fiber Optic Communication	6/ 1997	Owen Hill
Aditi Bhattacharyya	Optimization of Contact Resistance in RF Connectors	6/ 1997	Karl Audenaerde
Ted Bowen	Experimental Verification of a New Algorithm for Distortion Simulation	6/ 1997	Julio Gonzalez
Marc Coq	Implementing a Screening Test in a Manufacturing Environment	6/ 1997	Owen Hill
Albert Meyer-Pflug	Practical Applications of Linear Programming and the Design of Constraints	6/ 1997	Thomas Gay
Henry Rolufs Michael Santoro	Continuous Current Control Systems	6/ 1997	Julio Gonzalez
Richard Martinelli	Design & Patent Processing for the File Viewer	5/ 1997	Thomas Gay
Kevin Hopkins	ADC and DAC Design and Test	2/ 1997	Ghader Eftekhari
Scott Lavelle	Traffic Light Controller	2/ 1997	Ghader Eftekhari
Tutul Rahman/Esrarpul Islam/Shams Ahmed	FM Radio Receiver	1/ 1997	Ghader Eftekhari
Suet Fung Lau Wayne Zhang	A Digital Telephone Prototype	1/ 1997	Faramarz Vaziri
Anil Bhongir	Butterworth Filters in MATLAB	1/ 1997	Thomas Gay
Matthew Clark	Electromagnetic Scattering Properties of a Periodic Array of Conducting Strips	12/ 1996	Hassan A. Kalhor
Wei Chen	A Trainable Infrared Remote Controller	12/ 1996	Owen Hill
Fadi Khalil	Voting Machine	10/ 1996	Ghader Eftekhari
John Hamilton	Design and Fabrication of a Metal Detector	8/ 1996	Hassan Kalhor
Steven Mittermaier	A LAN Based Telephone Prototype	8/ 1996	Faramarz Vaziri
Elizabeth Law	Making a Product Ready for the Markets: Design & Manufacturing Consideration	8/ 1996	Owen Hill
David Villareale	Digital Elongation of Vowel Sounds	8/ 1996	Owen Hill
Tariqul I. Khan	Analog Current Controller for a DC Motor	7/ 1996	Julio Gonzalez
John Pozzuoli	Design & Construction of a Computer-Based		

Amr Khalil Dean Bair	Controller Antenna Positioning and Polarization	7/ 1996	Julio Gonzalez
James Garbarsky	The Home Control Center	5/ 1996	Thomas Gay
Daniel Prager	DC/AC Interactive Design of the BJT-CE Amplifier	5/ 1996	Julio Gonzalez
Michael Watson	PC Device Control	5/ 1996	Owen Hill
Jennifer Scott	Designing an Experiment to Solve a Manufacturing Problem	3/ 1996	Owen Hill
David Tamburin	Uses of Ray Tracing for Photo Realism & Simulation	12/ 1995	Owen Hill
Robert Groves	Designing and Debugging of a 486-DX4 Embedded Processor	12/ 1995	Faramarz Vaziri
Ryosuke Ito	Slotline Antennas with Corrugations	12/ 1995	Mohammad Saed
Michelle Honkala	Equipment Control Link in Conjunction with an ISDN Cabin Telecommunications Unit	12/ 1995	Faramarz Vaziri
Mark Chapman	Design of a Radar Antenna Position Controller	12/ 1995	Julio Gonzalez
Michael Orr Jeff Page	Aircraft Interface Board in Conjunction with an ISDN Cabin Telecommunications Unit	12/ 1995	Faramarz Vaziri
Maciej Blasiak	Analytic Parameter Design – Robust First and Second Order Circuits	11/ 1995	Karl Audenaerde
Tawfig Al-Ezz	Design & Construction of a Nonlinear Compensation for Closed-Loop Temperature Controller	10/ 1995	Julio Gonzalez
Peter Karpf	Study of Liquid Crystals – Applications to a shutter System	9/ 1995	Mohammad Saed
Jian Hua Chen Mentor Canoski	Computer- based Controller for DC Motor	9/ 1995	Julio Gonzalez
Da Ren Kwong	Coarse Scheduling Application	9/ 1995	Owen Hill
Jacqueline Li	De-embedding for Precision Time Domain Microwave Measurements	8/ 1995	Mohammad Saed
Yong Zhang	Monitoring & Controlling of Temperature and Humidity by PC	8/ 1995	Ghader Eftekhari
Hassan Daryani	Programmable Sine Wave Generator	8/ 1995	Pravin Kothari
Nicholas Mack	Design of a PC Based Musical Instrument	6/ 1995	Faramarz Vaziri
Henry Mayot	PC Controlled Parking	6/ 1995	Ghader Eftekhari
Larry Wernow	Network Simulation	6/ 1995	Owen Hill
David Morris	Design of a Resource Manager in a Digital Switching System	6/ 1995	Faramarz Vaziri
John Kochis	College Course Scheduling Application Using Client Server Relational Data Base Technology	5/ 1995	Owen Hill
Craig Sinn	The Micro-strip Sinusoidal Patch Antenna	5/ 1995	Mohammad Saed

Shane Muangkroot	NIST Time Decoding	5/ 1995	Faramarz Vaziri
David Huan Le	The Signal Processor	5/ 1995	Thomas Gay
Peter Kothe	Emergency Networking System	5/ 1995	Thomas Gay
Mamoun Jamal	Micro-Controller Replacement for Discrete Logic in Doppler Direction Finder	5/ 1995	Thomas Nunes
Amer Saeed	Computer Design of Digital Filters	5/ 1995	Julio Gonzalez
David Lyder	Solutions of Power Flow by Newton Raphson Technique	12/ 1994	Hassan Kalhor
Laurence Welt	Position Detector	12/ 1994	Ghader Eftekhari Julio Gonzalez
Ibraheem Abdul – Qadir	Design & Performance Operations of some New Flip Flops	12/ 1994	Noor Mohammad Owen Hill
Amer Ahmed	The Effect of Focused Ion Beam Implantation on the Threshold Voltage of Short – Channel MOSFET's in VLSI	12/ 1994	Noor Mohammad Owen Hill
Mustafa Mah	Modelling an Ion Implanted Short-Channel MOSFET for VLSI Applications	11/ 1994	Noor Mohammad Owen Hill
Michael Chernick	Processing Effect on CMOS Op-Amp	10/ 1994	Ghader Eftekhari
Abdulaziz Ahmed	Amorphous Silicon Fundamental Physics and Film Characterization	9/ 1994	Karl Audenaerde
Sean Kohler	A Solid State Voice Mail System using Flash Memory	7/ 1994	Faramarz Vaziri
John Ciccarino	Design of a Log – Periodic Antenna	7/ 1994	Mohammad Saed
Tom Aberasturi	Parameter Design of Electrical Circuits	6/ 1994	Karl Audenaerde
Steve Young	PC Based Heliostat Control System	5/ 1994	Thomas Nunes
John Mariale Stephen Sabo	Analysis of Micro-strip Antennas using the Finite – Difference Time – Domain Method	5/ 1994	Mohammad Saed
Veera Santhiveeran	Windows Programming Using Objects	5/ 1994	Owen Hill
Michel Rihaud	Laser Display Patterning through the use of Galvanometers	5/ 1994	Owen Hill
Van Thai Luong	VLSI Design of Memory Unit of a Digital Microprocessor	5/ 1994	Noor Mohammad
Russell Polo	Sailboat Performance Computer	5/ 1994	Owen Hill
Ben Chronister	A Comparison of Methods for Compressing Sampled Audio Data	4/ 1994	Behnam Ashjari
Sean Murray	Digital Image Warping and Morphing	4/ 1994	
Suet Chun Lee	Analysis of an Open-Ended Flanged Coaxial Line Using the FDTD Method	2/ 1994	Mohammed Saed
Robert Earl William Prevot	Robust Electronic Circuits with Feedback	1/ 1994	Karl Audenaerde
Johari Surani	Educational Software for the Robot Arm's Kinematics Modeling and Analysis	1/ 1994	Thomas Gay
Emily Drenis	Microprocessor – Controlled Alarm System	12/ 1993	Mohammad Saed
Kenneth Blazis Donald Schieble	Integrated Services Digital Networks PC Cards	9/ 1993	Faramarz Vaziri

David Schumaker	C.A.T. Computer Aided Tools for Control Systems Engineering	9/ 1993	Thomas Gay
Vincent Verso	Design & Implementation of a small Business Accounting System	8/ 1993	Owen Hill
Barry Katzman	Performance Analysis and Optimization of Asynchronous Access Protocols	7/ 1993	Thomas Gay
Derrick Richards	PS2 as a Parking Lot Monitor	7/ 1993	Ghader Eftekhari
John Szeliga David Closs	Design of an IBM PC ARCNet Adapter for use in a Digital Telephone Switching System Administration Terminal	5/ 1993	Faramarz Vaziri
Mohammed Lazhar	Computer-Aided Design of Lumped and Distributed Matching Circuits	5/ 1993	Mohammad Saed
Francis Lau	Computer Application in Electromagnetics Education	5/ 1993	Hassan Kalhor
Bill Kuba	An Enhanced CPQ Queueing Model	5/ 1993	Thomas Gay
Jose Almonte	Design of a 5 HP Three Phase Induction Motor	5/ 1993	Hassan Kalhor
Ziyad Choudhury	Implementation in Magic of a Four Bit Register using D Flip-Flops	5/ 1993	Noor Mohammad
Aghili Nasab	Design of an Optimum Yagi Uda Array	5/ 1993	
Andrew Cymbal	PBX Board Tester	4/ 1993	
Gary Earle	Design of Traffic Control Logic	2/ 1993	
Douglas Savino	Software for Simple Circuit Analysis	2/ 1993	
Muhammad Tabassum	Design of a 4-Bit Comparator Chip using CMOS Technology	12/ 1992	Noor Mohammad
Jahangir Islam	Optimized VHF Antenna Design	12/ 1992	Karl Audenaerde
Douglas Macias	Design and Fabrication of a Crystalline Silicon Homojunction Solar Cell	12/ 1992	Ghader Eftekhari Vikram Dalal
Ling Ling Tan	Computer Aided Design and Analysis of thin Wire Antennas	11/ 1992	Mohammed Saed
Adam Levy Tom Tenore	Voice Recognition	11/ 1992	
Michael Englemann	Deconvolution of Signals in the Presence of Noise	9/ 1992	Mohammad Saed
Samer Fallaha Chris Muller	An Attempt to Design and Build an MIC Monopulse Tracking Radar	9/ 1992	Mohammad Saed
Samin Wahid	ModCon: A GUI-Based CAD Software for the Design and Analysis of Control System	7/ 1992	
Ashfaq Aziz Naveed Hussein	Controlling a Tracking Two-Element Phased Array Using a Microprocessor and a Digital Microwave Phase Shifter	7/ 1992	
Ping Sum Chan	Software Package for Computer Aided Education of some concepts in Electromagnetics and Microwaves	7/ 1992	Mohammad Saed
Kwabena Adjei-Twum	Kinematics, Jacobian and Dynamics Analysis	6/ 1992	

	of the Rhino XR3 Robotics System		
Ramon Gonzalez	Design and Testing of A Sequential Memory Circuit using a Logic Analyzer	5/ 1992	
Eugene Piaquadio	A Modified Lee's Algorithm	5/ 1992	Faramarz Vaziri
Badrul Hisham Shamsudin	Measurement of Complex Permittivity of Planar Microwave Substrates Using Aperture-Coupled Microstrip Resonators	5/ 1992	
Daniel Rios Ting-Kwan Paul Nip	A novel Analytical Procedure for the Electrical Performance of Short Channel MOSFETS	5/ 1992	Owen Hill
Terry Keim	A Microprocessor Controlled Doppler Radar Speed Gun	5/ 1992	Mohammad Saed
Richard Andrianarison	Dry Oxidation of Silicon	5/ 1992	
Remoun Hannoush	Design & Implementation of a Database System	5/ 1992	
Tamera Yost	Design of a 3 GHz Phase Locked Loop	5/ 1992	Mohammad Saed
Tracy Brown	Radio Direction Finder	10/ 1991	
Saileela Bogeneni	Multi Channel Infrared Remote Control using DTMF	9/ 1991	
Henry Pixley	Design of a Probe Fed Five-Element Linear Array Microstrip Antenna	7 /1991	Mohammad Sead
Essa Abu Musallam	Analog to Digital Converter Using Cascaded Comparators	6/ 1991	
Ed Scherb	Computer Model for Electromagnetic Hyperthermia	6/ 1991	
Mai Abbassi	Two-Arm Archimedean Spiral Antenna Backed by a Reflector	5/ 1991	