

CURRICULUM VITAE



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Education

1. Ph.D., Microelectronics Engineering, University of Edinburgh, UK, 2008
2. MSc., Microelectronics Engineering, University of Southampton, UK, 1999
3. B. Eng., (Electronic and Computer), Universiti Putra Malaysia, 1994

Areas of Interest

Evolvable Hardware, Evolutionary Algorithms, Digital Signal Processing, Communications and Low Power VLSI Designs

Professional Qualification/Membership/Affiliation

1. Senior Lecturer, Department of Electrical and Electronic Engineering, Faculty of Engineering, UPM, October 2008 to present.
2. Lecturer, Department of Electrical and Electronic Engineering, Faculty of Engineering, UPM, May 1999 to September 2008.
3. Tutor, Department of Electrical and Electronic Engineering, Faculty of Engineering, UPM, October 1997 to April 1999.
4. Tutor, Pusat Pengajian Diploma, UTM Jalan Semarak, May 1997 to September 1997.
5. Design Engineer, Sapura Thompson Radio Communication Sdn. Bhd., June 1995 to April 1997.
6. Design Engineer, Sapura Research Sdn. Bhd., June 1994 to May 1995.

Publications

Journals

1	S L M Hassan, N Sulaiman , S S Shariffudin, T N T Yaakub, "Signal-to-Noise Ratio Study on Pipelined Fast Fourier Transform Processor", Indonesian Journal of Electrical Engineering and Computer Science, Vol. 2, No. 3, June 2016, pp. 401–408. (SCOPUS).
2	Khaldon Mohammed Almadhagi, Izhal Abdul Halin, Nasri Sulaiman and Nurul Amziah Md Yunus, "The Effect of Latex Particles on the Edges of the Microelectrode" ASM Science Journal, ASM Sci. J., 2017. (SCOPUS).
3	Sinan Sabah, Nasri Sulaiman , Nurul Amziah Md Yunus, Mohd Nizar Hamidon and Nor Hisham Bin Hamid, "Read Operation Performance of Self-Rectifying Memristive Crossbar Arrays", Pertanika JST, UPM 2017 (SCOPUS).
4	Ali Ghahraei, Nurul Amziah Md Yunus, Nasri Sulaiman and Chandima Gomes "Fuzzy-Controlled Humidity Variation by Silica-gel and Nitrogen gas in an Atmospheric Chamber", Pertanika JST, UPM 2017 (SCOPUS).
5	Nurul Amziah Md Yunus, Nasri Sulaiman , Izhal Abdul Halin and Lee Xin Yi, "Integrated Monitoring and Control System for Lab on a Chip", Pertanika JST, UPM 2017 (SCOPUS).
6	Zaid Hadi, Nasri Sulaiman , Izhal Abdul Halin, Nurul Amziah Md Yunus and Hadi K. Mohammed, "Image Processing Techniques to Cope Color Vision Deficiency in Detecting Pork Adulteration in Meatballs Visually," Res. J. Appl. Sci. Eng. Technol., vol. 13, no. 5, pp. 365–374, 2016.

7	Siba Monther Yousif, Roslina M. Sidek, Anwer Sabah Mekki, Nasri Sulaiman , and Pooria Varahram, "Efficient Low-Complexity Digital Predistortion for Power Amplifier Linearization," <i>Int. J. Electr. Comput. Eng.</i> , vol. 6, no. 3, p. 1096, 2016.
8	Mokhalad Khaleel Alghairi, Nasri Bin Sulaiman , Roslina Bt Mohd Sidek and Saad Mutashar, "OPTIMIZATION OF SPIRAL CIRCULAR COILS FOR BIO-IMPLANTABLE MICRO-SYSTEM STIMULATOR AT 6.78 MHz ISM BAND," <i>ARPN J. Eng. Appl. Sci.</i> , vol. 11, no. 11, pp. 7046–7054, 2016.
9	Maryam Sarostad, Farzin Piltan, Fatemeh Dehghan Ashkezari, and Nasri B. Sulaiman , "Nonlinear Model-free Control and ARX Modeling of Industrial Motor", <i>International Journal of Smart Home</i> , Vol.10, No.12 (2016), pp. 63-76.
10	Amirzubir Sahamijoo, Farzin Piltan, Shahnaz Tayebihaghighi, and Nasri b Sulaiman , "Functional- Based Auto-Tuned IC Engine ", <i>International Journal of U- and e- Service, Science and Technology</i> , 9(12): 53-68, 2016.
11	Ehsan pouladi, Farzin Piltan, Narges Gholami Mozafari, Somayeh Jowkar, Ali Roshanzamir, and Nasri Sulaiman "Design Neuro-Fuzzy On-line Tuning Controller for Sensitive Dental Actuator", <i>International Journal of Hybrid Information Technology</i> Vol. 9, No.12 (2016), pp. 99-116. (SCOPUS).
12	Somayeh Jowkar, Farzin Piltan, Amirzubir Sahamijoo, Ali Taghizadegan, Rouhollah Bahrami, Hossein Rashidi Bod, and Nasri Sulaiman , "Fuzzy Surface Slope Auto Tuner for Medical Robot" <i>International Journal of Bio-Science and Bio-Technology</i> , 8(6): 185-202, 2016. (SCOPUS).
13	Farzin Piltan, Meysam Esmaeili, Mohammad Ali Tayebi, Mahsa Piltan, Mojtaba Yaghoot and Nasri B. Sulaiman , "Research on Oscillation-Free Robust Control for ActiveJoint Dental Automtion", <i>International Journal of Hybrid Information Technology</i> , vol.9, no.11, pp.285-302, 2016. (SCOPUS).
14	Hossein Rashidi Bod, Farzin Piltan, Somayeh Jowkar, Amirzubir Sahamijoo, Ali Taghizadegan, Rouhollah Bahrami and Nasri Sulaiman , "Design Single Fuzzy Adaptive Controllerfor 4 DOF Medical Robot", <i>International Journal of Control and Automation</i> , 9 (9): 391-406, 2016. (SCOPUS).
15	Amirzubir Sahamijoo, Farzin Piltan, Hootan Ghiasi, Mohammad Reza Avazpour, Mohammad Hadi Mazloom, and Nasri B. Sulaiman , "Design SPARTAN FPGA-Based PD Controller for FOD System", <i>International Journal of Smart Home</i> , Vol.10, No.11 (2016), pp. 177-196..
16	Ali Taghizadegan, Farzin Piltan, and Nasri Sulaiman , "Design High Frequency Surgical Robot Controller: Design FPGA-Based Controller for Surgical Robot Manipulator Simscape Modeling", <i>International Journal of Hybrid Information Technology</i> , vol. 9, no. 5, pp. 431-474, 2016.
17	Rouhollah Bahrami, Samira Soltani, Hossein Rashidi Bod, Somayeh Jowkar, Amirzubir Sahamijoo, Ali Taghizadegan and Nasri. B Sulaiman , "Design Sensitive Model Reference Controller with Application to Medical Technology", <i>International Journal of Hybrid Information Technology</i> Vol. 9, No.7 (2016), pp. 249-268.
18	M. H. Mazloom, F. Piltan, A. Sahamijoo, M. R. Avazpour, H. Ghiasi, and Nasri B. Sulaiman , "Robust Auto-Intelligent Sliding Accuracy for High Sensitive Surgical Joints," <i>Int. J. Bio Science Bio-Technology</i> , vol. 8, no. 1, pp. 213–238, 2016.
19	A. Sahamijoo, F. Piltan, M. H. Mazloom, M. R. Avazpour, H. Ghiasi, and Nasri B. Sulaiman , "Methodologies of Chattering Attenuation in Sliding Mode Controller," <i>Int. J. Hybrid Inf. Technol.</i> , vol. 9, no. 2, pp. 11–36, 2016.
20	H. Ghiasi, F. Piltan, M. R. Avazpour, M. H. Mazloom, A. Sahamijoo, and Nasri B. Sulaiman , "Design Sensor-less PID Filter Controller for First Order Delays System," <i>Int. J. Hybrid Inf. Technol.</i> , vol. 9, no. 4, pp. 11–24, 2016.
21	A. Jahed, F. Piltan, S. Namvarrechi, I. Nazari, A. Roshanzamir, and Nasri B. Sulaiman , "Design a Methodology to Model-Reference Control of First Order Delays System," <i>Int. J. Hybrid Inf. Technol.</i> , vol. 9, no. 3, pp. 105–116, 2016.
22	Ali Roshanzamir, Farzin Piltan, Arman Jahed, Saman Namvarchi, Iman Nazari, Nasri B. Sulaiman , "Research on Nonlinear Automation for First Order Delays System", <i>International Journal of Hybrid Information Technology</i> , Vol:8, No:9, (2015), pp. 313-328. Indexing

23	A. Barzegar, F. Piltan, A. M. Mirshekaran, A. Siahbazi, M. Vosoogh, and N. Sulaiman , "Research on Hand Tremors-Free in Active Joint Dental Automation", International Journal of Hybrid Information Technology, Vol:8, No:12, (2015), pp. 71-96.
24	N.A. Kamsani, V. Thangasamy, M. N. Hamidon, N. Sulaiman , M. F. Bukhori "Q and Frequency Tunable Second Order LC Bandpass Filter for Long Term Evolution (LTE) Receiver", Mitteilungen Klosterneuburg , Vol:64, No:3, (2014), pp. 234-245. ISI index
25	Nasim Sobhani, Farzin Piltan, Maryam Rahmani, Farzin Matin, Hamid Cheraghi, Nasri Sulaiman , "Precision Improvement Based on Intelligent Hype-Plane Computed Torque Control", International Journal of Artificial Intelligence and Applications for Smart Devices, Vol:2, No:2 (2014), pp.9-22.
26	Pooria Varahram, Borhanuddin M Ali, Somayeh Mohammady, Nasri Sulaiman , "Power amplifier linearisation scheme to mitigate superfluous radiations and suppress adjacent channel interference", Communications, IET, Vol:8, No:2, (2014), pp. 258-265. ISI index
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35	Amirzubir Sahamijoo, Farzin Piltan, Sareh Mohammadi Jaberi and Nasri b Sulaiman , "Prevent the Risk of Lung Cancer Progression Based on Fuel Ratio Optimization", International Journal of u- and e- Service, Science and Technology Vol.8, No.2 (2015), pp.45-60. Indexing
36	Mina Mirzaie, Farzin Piltan, Nasri Sulaiman and Shahnaz Tayebi Haghghi, "Design New Rule-based Effect Fuzzy Controller", International Journal of Advanced Science and Technology Vol.72 (2014), pp.1-18. Indexing
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40	Mahmoud Reza Safaei Nasrabad, Ehsan Pouladi, Ghasem Sahamijoo, Alireza Salehi, Farzin Piltan and Nasri b. Sulaiman , "Fuzzy Hype-Plane Variable Sliding Mode Control to Reduce Joint Vibrations", International Journal of u-and e-Service, Science and Technology Vol.7, No.5 (2014), pp.105-116.
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51	S. Mohammady, R. M. Sidek, P. Varahram, M. N. Hamidon, N. Sulaiman , "A Low Complexity Selected Mapping Scheme for Peak to Average Power Ratio Reduction with Digital Predistortion in OFDM Systems," International Journal of Communication Systems, John Wiley & Sons, pp 1099-1131, 2011. ISI index
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97	Zeyad Assi Obaid, Nasri B Sulaiman , M.H.Marhaban and M.N.Hamidon, "FPGA-based implementation of digital logic design using altera de2 board," <i>International Journal of Computer Science and Network Security</i> , Vol. 9, No. 8, pp. 186-194, 2009. ISI index

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1	Khaldon Mohammed Almadhagi, Izhal Abdul Halin, Nasri Sulaiman and Nurul Amziah Md Yunus, "The Effect of Latex Particles on the Edges of the Microelectrode" <i>NanoMITE Annual Symposium 2016 (NMAS 2016) 28th September 2016. (SCOPUS).</i>
2	Sinan Sabah, Nasri Sulaiman , Nurul Amziah Md Yunus, Mohd Nizar Hamidon and Nor Hisham Bin Hamid, "Read Operation Performance of Self-Rectifying Memristive Crossbar Arrays", <i>International Conference on Electrical & Electronic Technology 2016, UPM 2016 (SCOPUS).</i>
3	Ali Ghahraei, Nurul Amziah Md Yunus, Nasri Sulaiman and Chandima Gomes "Fuzzy-Controlled Humidity Variation by Silica-gel and Nitrogen gas in an Atmospheric Chamber", <i>International Conference on Electrical & Electronic Technology 2016, UPM 2016 (SCOPUS).</i>
4	Nurul Amziah Md Yunus, Nasri Sulaiman , Izhal Abdul Halin and Lee Xin Yi, "Integrated Monitoring and Control System for Lab on a Chip", <i>Pertanika JST, UPM 2016 (SCOPUS).</i>
5	Nurul Amziah Md Yunus, Nasri Sulaiman and Noor Faezah Ismail, "Drop Impact Testing For Pb-Free Alloy On Ic Packaging", <i>2nd International Symposium on Applied Engineering and Sciences (SAES2015), Universiti Putra Malaysia. 23rd – 24th Dec. 2015.</i>
6	Nurul Amziah Md Yunus, Izhal Abdul Halin, Nasri Sulaiman and Loke Chi Chung,

	“Graphene 12. Sensor And Device Application”, The International Conference on Electrical and Electronic Engineering, Telecommunication Engineering, and Mechatronics (EEETEM2015), Kuala Lumpur, Malaysia. September 8-10, 2015. (Accepted)
7	Noor Faezah Ismail, Seyed Amin Firouzeh, Nasri Sulaiman , Izhal Abdul Halin and Nurul Amziah Md Yunus , “A Survey on Design of Microelectrodes for Microdroplet Motion Based on Electrowetting”, The International Conference on Electrical and Electronic Engineering, Telecommunication Engineering, and Mechatronics (EEETEM2015), Kuala Lumpur, Malaysia. September 8-10, 2015. (Accepted)
8	Nurul Amziah Md Yunus, Izhal Abdul Halin, Nasri Sulaiman , Noor Faezah Ismail and Ong Kai Sheng, “Valuation on MEMS Pressure Sensors and Device Applications”, 17th International Conference on MEMS, Nano and Smart Systems (ICMNSS 2015), Kuala Lumpur, Malaysia. 24-25th August 2015.
9	Nurul Amziah Md Yunus, Izhal Abdul Halin, Nasri Sulaiman , Noor Faezah Ismail and Nik Hasniza Nik Aman, “A Compilation of Nanotechnology in Thin Film Solar Cell Devices” 17th International Conference on MEMS, Nano and Smart Systems (ICMNSS 2015), Kuala Lumpur, Malaysia. 24-25th August 2015.
10	Sara Razavi, Nasri Sulaiman , Roslina Mohd Sidek, Somayah Mohammady, Pooria Varahram, "Analysis on the Parameters of Selected Mapping without Side Information on PAPR Performances", accepted to be presented in 2014 IEEE TENSYP - IEEE Region 10 Symposium - Signal Processing, 14th – 16th April 2014, Kuala Lumpur, Malaysia.
11	A. Abbasi, N. Sulaiman and Rozita Teymourzadeh, “High linear low noise amplifier based on self-biasing multiple gated transistors”, 2nd International Conference on Electrical, Electronics and System Engineering”, 9-10 Dec. 2014, Kuala Lumpur, Malaysia.
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13	A. S. Mohamad, N. Mariun, N. Sulaiman , and M. A. M. Radzi, “A new cascaded multilevel inverter topology with minimum number of conducting switches,” in Innovative Smart Grid Technologies-Asia (ISGT Asia), 2014 IEEE, 2014, pp. 164–169.
14	Tan Seaw Wei, Nasri Sulaiman , Noor'Ain Kamsani, Nurul Amziah Md Yunus, “Dual control Direct Digital Synthesizer (DCDDS) for electronic testing and experimental work”, Engineering Technology and Technopreneuship (ICE2T), 2014 4th International Conference on, 27-29 Aug. 2014, Kuala Lumpur, Malaysia.
15	Nueraimaiti Aimaier, RM Sidek, Mohd Nizar Hamidon, Nasri Sulaiman “Transistor sizing methodology for low noise charge sensitive amplifier with input transistor working in moderate inversion”, Semiconductor Electronics (ICSE), 2014 IEEE International Conference on 27-29 Aug. 2014, Kuala Lumpur, Malaysia.
16	P. Varahram, B. M. Ali, S. Mohammady, and N. B. Sulaiman , “A recursive optimum frequency domain matrix to reduce crest factor in OFDM systems,” in Consumer Electronics (ICCE), 2014 IEEE International Conference on, 2014, pp. 29–30.
17	Somayah Mohammady, Nasri Sulaiman , Roslina M. Sidek, Pooria Varahram, and M. Nizar Hamidon, "FPGA Implementation of Low Complexity Crest Factor Reduction in OFDM systems", IEEE Malaysia International Conference on Communications (MICC 2013), 26-28 Nov 2013, Kuala Lumpur, Malaysia.
18	Y. Hoon, N. A. Kamsani, R. M. Sidek, N. Sulaiman , and F. Z. Rokhani, “Energy efficient 8-bit microprocessor for wireless sensor network applications,” in <i>Energy Aware Computing Systems and Applications (ICEAC)</i> , 2013 4th Annual International Conference on, 2013, pp. 147–151.
19	Somayah Mohammady, Nasri Sulaiman , Pooria Varahram, Roslina Mohd Sidek, Mohd Nizar Hamidon, “Performance Investigation between DSI-SLM and DSI-PTS Schemes in OFDM Signals”, International Symposium on Telecommunication Technologies (ISTT2012), Kuala Lumpur, Malaysia, 27-28 Nov 2012.
20	Lioe De Xing, Suhaidi Shafie, Hari Krishnan Ramiah, Nasri Sulaiman, “Front end of low power transmitter for wireless capsule endoscope”, Circuits and Systems (ICCAS), 2012 IEEE International Conference on, pp. 116-119 3 Oct. 2012. Scopus
21	Somayah Mohammady, Nasri Sulaiman , Pooria Varahram, Roslina Mohd Sidek, Mohd Nizar Hamidon, “Computational Complexity Investigation of PAPR reduction Schemes in OFDM Signals”, World Research and Innovation Convention on Engineering and Technology

	(WRICET2012), Kuala Lumpur, Malaysia, 3-5 Dec 2012. ISI index
22	L. Lombigit, M. A. Khalid, M. N. Hamidon, and N. Sulaiman , "Noise measurement in amplifying system for radiation detectors," in Circuits and Systems (ICCS), 2012 IEEE International Conference on, 2012, pp. 218–222.
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25	Mohammady, S.; Sidek, R.M.; Varahram, P.; Hamidon, M.N.; Sulaiman, N. , "A new DSI-SLM method for PAPR reduction in OFDM systems," Consumer Electronics (ICCE), 2011 IEEE International Conference on , presented, pp.369-370, 9-12 Jan. USA. 2011.
26	Mohammady, S.; Sidek, R.M.; Varahram, P.; Hamidon, M.N.; Sulaiman, N. , "Study of PAPR reduction methods in OFDM systems," Advanced Communication Technology (ICACT), 2011 13th International Conference on, Feb. Korea. 2011.
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28	S. K. Mazloomi and Nasri B. Sulaiman , "Design of a low cost energy efficient water electrolysis cell", Proceedings of the 2011 3 rd International Conference on Energy and Electrical Systems (ICEES 2011), Kuala Lumpur, Malaysia. August 2011, pp. 683-688.
29	S. K. Mazloomi and Nasri B. Sulaiman , "Efficiency Enhancement of PWM Controlled Water Electrolysis Cells", World Academy of Science Engineering and Technology (WASET), Penang, Malaysia, February 2011, pp 634-638.
30	Pang Jia Hong, Nasri Sulaiman , "Design of a Reconfigurable FFT Processor using Multi-objective Genetic Algorithm", 3 rd International Conference on Intelligent and Advanced System, October 2010.
31	S. Mohammady, P. Varahram, R.M. Sidek, M.N. Hamidon and N. Sulaiman , "Dynamic memory effects compensation of high power amplifiers in wideband applications," The 7 th International Conference on Robotics, Vision, Signal Processing, & Power Applications (RoViSP 2009), December 2009.
32	Zeyad Assi Obaid, Nasri Sulaiman and M.N. Hamidon, "Design of Fuzzy Logic Controller for AC Motor Based on Field Programmable Gate Array", IEEE Student Conference on Research and Development (SCORED2009), November 2009, pp. 487-490.
33	Zeyad Assi Obaid, Nasri B Sulaiman , M. N. Hamidon and Mohammed Obaid Ali "Design Representation of the Multipurpose Fuzzy Logic Controller using Hardware Description Language" Proceeding of the International Conference on MAN MACHINE SYSTEMS, Batu Ferringhi, Penang, Malaysia, 11-13 October 2009, pp. 1-7.
34	Zeyad Assi Obaid and Nasri B Sulaiman "Design of Fuzzy Logic Controller for the Physical Systems on the Reconfigurable FPGA System", Proceeding of the 2nd International Conference on Control, Instrumentation and Mechatronic Engineering (CIM09), Malacca, Malaysia, 2-3 June 2009, pp. 30-35.
35	Farzin Piltan and Nasri b Sulaiman , "Design of Intelligent Control for Robot Arm using AFIS", Proceeding of the 2nd International Conference on Control, Instrumentation and Mechatronic Engineering (CIM09), Malacca, Malaysia, 2-3 June 2009.
36	Farzin Piltan and Nasri b Sulaiman , "Design of Intelligent Control for 3DOF nonlinear Robot Arm using AFIS", International Advanced of Technology Congress (ATCi), PWTC, Malaysia. November 3-5, 2009.
37	Farzin Piltan and Nasri b Sulaiman , "Artificial Control of 6 DOF Robot Arm Based on AFGS", International Advanced of Technology Congress (ATCi), PWTC, Malaysia. November 3-5, 2009.
38	Zeyad Assi Obaid, Nasri B Sulaiman and Mazin T. Muhsen "Design of Fuzzy Logic Controller using FPGA for the Nonlinear Systems", Proceeding of the 3rd International Conference on Postgraduate Education, page(s): 1-10, Penang, Malaysia, 16-17 December.
39	Nasri Sulaiman and Tughrul Arslan, "Non-Uniform Search Domain Based Genetic Algorithm for the Optimization of Real time FFT Processor Architectures", IEEE Congress on Evolutionary Computation, Intelligence (CEC 2006), Vancouver, BC, Canada, July 16 – 21, 2006, pp 3161-3165.
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	NASA/ESA Conference on Adaptive Hardware and System (AHS 2006), Istanbul, Turkey, June 15 – 18 2006, pp. 424-427.
41	Nasri Sulaiman and Tughrul Arslan, "A Multi-objective Genetic Algorithm for On-chip Real-time Optimisation of Word Length and Power Consumption in a Pipelined FFT Processor targeting on MC-CDMA Receiver", 2005 NASA/DoD Conference on Evolvable Hardware, Washington DC, USA June 29 – July 1, 2005, pp. 154–159.
42	N. Sulaiman and T. Arslan, "A multi-objective genetic algorithm for on-chip real-time optimisation of word length and power consumption in a pipelined FFT processor targeting a MC-CDMA receiver," in Evolvable Hardware, 2005. Proceedings. 2005 NASA/DoD Conference on, 2005, pp. 154–159.
43	Nasri Sulaiman and Tughrul Arslan, "A Genetic Algorithm for the Optimisation of a Reconfigurable Pipelined FFT Processor", 2004 NASA/DoD Conference on Evolvable Hardware, Seattle, USA, June 24– 26, 2004, pp. 104–108.
44	Muhammad Nazir, Mohammed Khalid, Wan Zuha Wan Hasan, Nasri Sulaiman and Rahman Wagiran, "Development of High Speed Booth Multiplier with Optimized Stuck-at-Fault Implementation", 2nd World Engineering Congress (WEC), Kuching, Malaysia, July 22– 25, 2002, pp. 193 – 198.
45	Azura Che Soh, Samsul Bahari Mohd Noor, Roslina Mohd Sidek, Rahman Wagiran and Nasri Sulaiman , "Failure Monitoring System of a Traffic Light", 2nd World Engineering Congress (WEC), Kuching, Malaysia, July 22–25, 2002, pp. 387 – 392.
46	Norulhuda Abd. Rasheid, Roslina Mohd Sidek, Rahman Wagiran and Nasri Sulaiman , "Simulations of Si/SiGe Heterostructures for CMOS Transistors", 2001 IEEE National Symposium on Microelectronics, Genting Highlands, Malaysia, pp. 276 – 279.
47	Nasri Sulaiman and Peter Ashburn, "Feasibility Study on Vertical CMOS Gates", 2000 IEEE International Conference on Semiconductor Electronics, Port Dickson, Malaysia, November 13 – 15, 2000, pp. 192 – 195.
48	Ibrahim Ahmad and Nasri Sulaiman , "Review on Policies, Research and Development in Microelectronic Industry in Malaysia", International Conference on Semiconductor Electronics, Port Dickson, Malaysia, November 13 – 15, 2000, pp. 134 – 138.
49	Nasri Sulaiman and Peter Ashburn, "Design of Test Mask for Vertical MOS Transistor", 1999 IEEE National Symposium on Microelectronics, Pangkor, Malaysia, September 6 – 7, 1999, pp. 9 – 13.

Books (Author/Editor)/ Technical Report/Guidelines/ Policy

1	Pooria Varahram, Somayeh Mohammady, Burhanuddin Mohd Ali, Nasri Sulaiman , "Peak to Average Power Ration in Orthogonal Frequency Division Multiplexing Systems", Book CRC Taylor and Francis, 2014.
2	P. Varahram, S. Mohammady, B. M. Ali, and N. Sulaiman, Power efficiency in broadband wireless communications. CRC Press, 2014.

Chapter in Books

1	Somayeh Mohammady, R. M. Sidek, P. Varahram, M. N. Hamidon, N. Sulaiman , "FPGA implementation of Inverse Fast Fourier Transform in Orthogonal Frequency Division Multiplexing systems", Fourier Transforms, <i>InTech Open Access publisher</i> , Croatia 2011.
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Research Grants

No	Project Title	Amount (RM)	Duration	Source of Fund
1	Development of RF circuit for flexible circuit systems in short range wireless applications	126,000	01/2015 – 12/2016	PUTRA Grant
2	High Performance Hardware Implementation of a Multi-Objective Genetic Algorithm	42,000	09/2012 – 08/2014	RUGS
3	Crest factor reduction and digital predistortion Implementation in Orthogonal frequency Division multiplexing (OFDM) systems	161,600	09/2011 – 08/2013	Science Fund
4	Power consumption investigation in reconfigurable fast Fourier transform (FFT)	44,000	08/2010 – 07/2012	FRGS

	processor			
5	Design of a reconfigurable fast Fourier transform (FFT) processor using multi-objective genetic algorithms	30,000	06/2008-07/2010	RUGS

Awards/Recognition (Current)

No	Name of awards	Award Authority	Award Type	Year
1	ANUGERAH PERKHIDMATAN CEMERLANG (APC), 2010, 2011 dan 2014	UPM	University	2014
2	ANUGERAH PENGAJAR CEMERLANG, FAKULTI KEJURUTERAAN UPM, 2013	ENG	University	2013
3	ANUGERAH PENSYARAH PILIHAN 2013, FAKULTI KEJURUTERAAN UPM, 2013	ENG	University	2013
4	ANUGERAH PENYELIDIK CEMERLANG, FAKULTI KEJURUTERAAN, UPM, 2012	ENG	University	2012
5	FINALIS ANUGERAH FELLOWSHIP NAIB CANSOLOR (KATEGORI PENGAJARAN), UPM, 2012 (PINGAT GANGSA)	UPM	University	2012

Student Supervision

Level	Completed		On-going	
	Chairman/ Supervisor	Committee/ Co-Supervisor	Chairman/ Supervisor	Committee/ Co-Supervisor
PhD	1	3	4	2
MSc	15	7	3	4
Total	16	10	7	6