



CURRICULUM VITAE

I. PERSONAL PARTICULARS	
Name	DR MOHD 'AFIZI BIN MOHD SHUKRAN
Current Position Faculty / Department	PENSYARAH KANAN (DS51) Fakulti Sains & Teknologi Pertahanan Jabatan Sains Komputer
Position applied for	PROFESSOR MADYA (DS54)

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

(Please list all academic qualifications, from your first degree, in chronological order)

Year	Degree	Discipline	University
1998 - 1999	FOUNDATION STUDIES CERTIFICATE	FOUNDATION STUDIES	TRINITY COLLEGE, AUSTRALIA
1999 - 2001	BACHELOR OF INFORMATION SYSTEMS	INFORMATION SYSTEMS	MELBOURNE UNIVERSITY, AUSTRALIA
2002 - 2003	MASTER OF INFORMATION TECHNOLOGY	INFORMATION TECHNOLOGY	SYDNEY UNIVERSITY, AUSTRALIA
2004 - 2006	MASTER OF BUSINESS ADMINISTRATION	BUSINESS ADMINISTRATION	SOUTHERN QUEENSLAND UNIVERSITY, AUSTRALIA
2006 - 2010	DOCTOR OF PHILOSOPHY	COMPUTER SCIENCE	SYDNEY UNIVERSITY, AUSTRALIA

III. TITLES OF POSTGRADUATE THESES WRITTEN

No.	TITLES OF POSTGRADUATE THESES
1	IMAGE RETRIEVAL SYSTEM (MASTER THESIS)
2	SWARM BASED OPTIMIZATION APPROACH FOR DATA CLASSIFICATION (PHD THESIS)

IV. WORK EXPERIENCE (Please list your relevant experience in chronological order)

Year	Position	Field of Work	Place of Work
2000- 2001	Tutor	Teaching	Melbourne University, Australia
2002- 2003	Research Assistant	Research	Sydney University, Australia
2003- 2006	Tutor	Teaching	Southern Queensland University, Australia
2006- 2010	Tutor and Rsearch Assistant	Research and Teaching	Sydney University, Australia
2011- 2012	Senior Lecturer	Teaching	National Defence University of Malaysia (UPNM), Malaysia.

2012-2014	Head of Department of Computer Science, Faculty of Science and Defence Technology, UPNM	Administration	National Defence University of Malaysia (UPNM), Malaysia.
2014 - present	Senior Lecturer	Teaching	National Defence University of Malaysia (UPNM), Malaysia.

1.0 TEACHING AND SUPERVISION

1.1 Undergraduate Courses

(Please list in chronological order and state : course title, semester and year)

No	Course Title	Semester	Year
1.	Intelligent Agent	2	2011-2014
2.	Machine Learning	2	2011-2014
3.	Fuzzy Logic	2	2011-2014
4.	Operating Systems	1	2011-2014
5.	Computer Organization and Architecture	1	2011-2014

1.2 Postgraduate Courses

(Please list in chronological order and state : course title, semester and year)

No	Course Title	Semester	Year
1.	Project Management	1	2011 -2012

1.3 Ph.D Supervision

(Please list in chronological order and state: name of student, year project title and status)

No	Name of Student	Project Title	Year	Status
				<ul style="list-style-type: none"> • Completed • Submitted • In Progress
1.	Wong Chee Keong	A Computer Classification Model for Silver Bullion Coins Based on Visual Pattern Recognition.		In Progress
2.	Lee Fong Yee	An Adaptive Screen Layout Model that Support Layout Aesthetics		In Progress
3.	Kamaruzaman Bin Maskat	Investigating and		In Progress

		Defending against DNS Amplification Attack		
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1.4 PhD.External/Internal Examination

(Please list in chronological order and state: name of student, year project title and status)

No	Name of Student	Project Title	Year	Status <ul style="list-style-type: none"> • Completed • Submitted • In Progress
	NONE	NONE	NONE	NONE

1.5 Supervision (Coursework and Project)

(Please list in chronological order and state: name of student, year, project title and status)

No	Name of Student	Project Title	Year	Status <ul style="list-style-type: none"> • Completed • Submitted • In Progress
1.	Muhammad Nur Fitri Bin Hashim	Sistem Analisa Imej Statik Menggunakan Teknik Morphological Image Processing	2011	Completed
2.	Muhammad Nazirul Ikram Bin Norsidek	Sistem Penjadualan Waktu dan Tempat Kuliah di UPNM	2011	Completed
3.	MUHAMMAD SYAKIR BIN ISMAIL	Sistem Pengujian Kekuatan Kata Laluan	2012	Completed
4.	MOHAMAD IZZAT BIN MOHD SAFIAN	The Evaluation of Clusters Of CIMB Bank Credit Card Holders	2012	Completed
5.	NOOR HAIZAT BIN ABD RAHMAN	Sistem Ramalan Cerdas Penggunaan Kenderaan Universiti untuk Jabatan Pengangkutan Universiti Pertahanan Nasional Malaysia	2012	Completed
6.	HANAN BINTI BAHAROM	Perbandingan di antara Stationery Wavelet Transform (SWT) dan Discrete Wavelet Transform (DWT) di dalam Digital Watermarking	2012	Completed
7.	IDI BIN IBRAHIM	Sistem Pemantauan maklumat tentang	2013	Completed

		polisi kajian FRGS		
8.	Syarifuddin Bin Kamal	Sistem Pengurusan Klinik di UPNM Menggunakan Biometrik	2013	Completed
9.	NOOR HAIZAT BIN ABD RAHMAN	Sistem Ramalan Cerdas Penggunaan Kenderaan Universiti untuk Jabatan Pengangkutan Universiti Pertahanan Nasional Malaysia	2013	Completed
10.	Muhammad Zuriyat Bin Abdullah	Perbandingan di antara Stationery Wavelet Transform (SWT) dan Discrete Wavelet Transform (DWT) di dalam Digital Watermarking	2013	Completed
11.	LUQMAN HAKIM BIN AHMAD FAISAL	Sistem Maklumat Pengurusan Aset Makmal Jabatan Sains Komputer	2014	Completed
12.	MUHAMMAD NAIM BIN ABDULLAH	Accident Notification with Geographic Coordination using Android Application	2014	Completed
13.	NOOR AMIRA BINTI MD HALIM	Sistem Jurnal Zulfaqar	2014	Completed
14.	MUHAMMAD HAFIZI BIN ABDUL RAZAK	Android Smartphone Intruder notofication with image capturing and GPS tagging	2014	Completed

1.6 M.Sc (by Research)

(Please list in chronological order and state: name of student, year, project title and status)

No	Name of Student	Project Title	Year	Status
				<ul style="list-style-type: none"> • Completed • Submitted • In Progress
1.	Mohd Sidek Fadhil Bin Mohd Yunus	Security Image Based Authentication Using DCT Algorithm	2012	<ul style="list-style-type: none"> • Submitted (VIVA PASSED)
2.	Wan Sharil Sham bin Sharif	Android Augmented Reality System in Malaysia Military Operation – Unit Positions	2013	<ul style="list-style-type: none"> • In Progress
3.	Mohd Suhaili bin Ariffin	Kinect Based Gesture Password Recognition	2013	<ul style="list-style-type: none"> • In Progress

4.	Amir Helmi bin Abd Hamid	Wireless Hand Signal Glove for Non Visual and Non Audio Situation	2013	<ul style="list-style-type: none"> • In Progress
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1.7 M.Sc. External/Internal Examination

(Please list in chronological order and state: name of student, year, project title and status)

No	Name of Student	Project Title	Year	Status <ul style="list-style-type: none"> • Completed • Submitted • In Progress
1.	NOORMADINAH BINTI ALLIAS	A HYBRID GINI PSO-SVM FEATURE SELECTION BASED ON TAGUCHI METHOD: AN EVALUATION ON EMAIL FILTERING	2014	<ul style="list-style-type: none"> • Completed

2.0 RESEARCH AND PUBLICATION

2.1 Research Projects

(Please list in chronological order and state: title, list of researchers, grant/year, source/amount, date/duration and status) (Please bold your name)

No	Title	List of Researchers <ul style="list-style-type: none"> • Principal • Members 	Grant Year	Source Amount	Status <ul style="list-style-type: none"> • Completed • In Progress
1.	<i>RESEARCH ACCULTURATION COLLABORATIVE EFFORT (RACE): A Novel Approach for Network Intrusion Detection Using Pattern Recognition and Data Mining Techniques</i>	PRINCIPAL	2012	50,000.00	Completed
2.	Knowledge Transfer Programme (KTP): Memupuk Kesedaran dan Keselamatan FACEBOOK di Kalangan Remaja di Malaysia, Kajian Kes di Sek. Men. Islam Al-Amin Gombak, Selangor.	MEMBER	2012	51,819.00	Completed
3.	<i>RESEARCH ACCULTURATION</i>	MEMBER	2012	47,500.00	In Progress

No	Title	List of Rresearchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
	<i>COLLABORATIVE EFFORT (RACE): Establishing Information Security Awareness Framework</i>				
4.	Dana Pembudayaan Penyelidikan (RAGS): A New Network Intrusion Detection Technique in Distributed Environment	MEMBER	2012	60,000.00	In Progress
5.	Fundamental Research Grant Scheme (FRGS): Establishing A Framework On Controlling Rumours Propagation On Twitter: A Case of CNII Organizations	MEMBER	2013	76,000.00	In Progress
6.	<i>RESEARCH ACCULTURATION COLLABORATIVE EFFORT (RACE): Context-Based Keyword Pattern Cluster Analysis Technique on Tacit Knowledge of Military Tactics Centre of Expertise (COE)</i>	MEMBER	2013	50,000.00	In Progress
7.	<i>RESEARCH ACCULTURATION COLLABORATIVE EFFORT (RACE): Cyber Forensics Analyzer Tool for Smartphones To Secure Cloud Network From Malware Attack</i>	MEMBER	2013	50,000.00	In Progress
8.	<i>RESEARCH ACCULTURATION COLLABORATIVE EFFORT (RACE): Theoretical Analysis Of Heavy Buoy Wave Energy Converter (WEC)</i>	MEMBER	2013	50,000.00	In Progress
9.	EXPLOTARY RESEARCH GRANT SCHEME (ERGS): Improvement Of Case Retrieval Using CBR-PSO For Medical Data Classification.	MEMBER	2013	74,205.00	In Progress

No	Title	List of Rresearchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
10.	Adaptive Searching Algorithms for Life-Log Media Applications.	MEMBER	2007	50,000.00	Completed

2.2 Publications

2.2.1 Invited/Keynote Papers/Presentation

(Please list in chronological order and state: authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name))

No	Authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name)	Level • International • National • University
1.	NONE	NONE

2.2.2 Book/Chapter in Book:

(Please list in chronological order and state: authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name))

No	Authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name)	Level • International • National • University
1.	Mohd Afizi Mohd Shukran , 2013, Using Wavelet Transformation in Information Retrieval System, Lambert Academic Publishing, 97 pages. ISBN: 978-3-659-37793-8.	International
3.	Kamaruzaman Bin Maskat, Mohd Afizi Bin Mohd Shukran , 2013, Agent Based Snort In Distributed Environment, Lambert Academic Publishing, 113 pages. ISBN: 978-3-659-36100-5	International
4.	Mohd Nazri Bin Ismail, Mohd Afizi Mohd Shukran , Norzaini Ismail, Analysis On Wi-Fi Signal Booster, Lambert Academic Publishing, 69 pages. ISBN: 978-3-659-49603-5.	International
5.	Mohd Nazri Ismail, Mohd Afizi Mohd Shukran , Kamaruzaman Maskat, Smarthome Computing System Using Mobile Devices, Lambert Academic Publishing, 88 pages. ISBN: 978-3-659-50334-4	International

2.2.3 Journal Article

(Please list in chronological order and state: authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name))

No	Authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name)	Level • International • National • University
1.	Y.Y.Chung, E.Choi, Z.Zhao, M.Shukran , D.Shi, F.Chen, "Application of Vector Quantization for Content Based Music Retrieval System"	International

	WSEAS Transactions on Computers, Issue5, Vol 6, May 2007, ISSN 1109-2750, pp793-798.	
2.	Y.Y.Chung, E.Choi, L.Liu, M.Shukran , D.Shi, F.Chen, "An Improved Audio Classification Algorithm using SVM Weight Factor" WSEAS Transactions on Communications, Vol 6, No. 3, March 2007, ISSN 1109-2742, pp408-415.	International
3.	Y.Y. Chung, K.Ng, L.Liu, X.Chen, M.Shukran , E.Choi, D.Shi, F.Chen, "Design of a Content Based Multimedia Retrieval System" WSEAS Transactions on Computers, Issue3, Vol 6, March 2007, ISSN 1109-2750, pp413-418.	International
4.	Mohammad Adib Khairuddin, Mohd Afizi Mohd Shukran , Kamaruzaman Maskat, Mohd Rizal Mohd Isa, "Consumers Perception on Prepaid Cards: Survey and Analysis", Modern Applied Science, vol. 6. No. 1, Canadian Center of Science and Education.	International
5.	Xiaoming Chen, Yuk Ying Chung, Wei-Chang Yeh, Neil Bergmann, Noorhaniza Wahid, Mohd Afizi Mohd Shukran , "Improved Error Correction Techniques for Digital Multimedia Broadcasting (DMB) Service", Modern Applied Science, Canadian Center of Science and Education, vol. 5, no. 6, 2011.	International
6.	Kamaruzaman Maskat, Mohd Afizi Mohd Shukran , Mohammad Adib Khairuddin, Mohd Rizal Mohd Isa, "Mobile Agents in Intrusion Detection System: Review and Analysis", Modern Applied Science, Canadian Center of Science and Education, vol. 5, no. 6, 2011.	International
7.	Puteri N.E Nohuddin, Mohd Rizal Mohd Isa, Mohd Afizi Mohd Shukran , "Information Technology Knowledge Management in Malaysian Armed Forces", Journal of Convergence Information Technology (JCIT), Vol. 7, No. 6, pp. 178 ~ 184, 2012.	International
8.	Muhamad Lazim Talib, Arniyati Ahmad, Mohd Afizi Mohd Shukran , "The New Design of Computer Controlled Braille", International Journal Advancement in Computing Technology (IJACT), Vol. 4, No. 6, pp. 255 ~ 271, 2012.	International
9.	Omar Zakaria, Toomaj Zangooei, Mohd Afizi Mohd Shukran , "Graphical Password Authentication: Review and Analysis", Advances in Information Science and Service Sciences (AISS), Vol. 4, No. 15, pp. 25 ~ 32, 2012.	International
10.	Mohd Afizi Mohd Shukran , Yuk Ying Chung, Wei-Chang Yeh, Noorhaniza Wahid, Ahmad Mujahid Ahmad, "Artificial bee colony based data mining algorithms for classification tasks", Modern Applied Science, Vol. 5, no. 4, 2011.	International
11.	Mohd Afizi Mohd Shukran , Kamaruzaman Maskat, Wan Sharil Sham Shariff, Mohd Sidek Fadhil Bin Mohd Yunus, Mohd Suhaili Ariffin, "Proposed System Model for Android Augmented Reality System in Malaysia Military Operations Unit Positions", Applied Mechanics and Materials, Vol. 548, pp.1493-1497, 2014.	International
12.	Mohd Afizi Bin Mohd Shukran , Mohd Sidek Fadhil Bin Mohd Yunus, Kamaruzaman Bin Maskat, Wan Sharil Sham Bin Shariff and Mohd Suhaili Bin Ariffin, "Pixel Value Graphical Password Scheme-Graphical Password Scheme Literature Review", Australian Journal of Basic and Applied Sciences, Vol. 7, No. 4, pp.688-695, 2013	International
13.	Zulkifly Mat Radzi, Mohd Afizi Mohd Shukran , "The Psychomotor	International

	and Affective Learning in Navigation Science Using Simulation Technology”, Australian Journal of Basic and Applied Sciences, Canadian Center of Science and Education, Vol. 7, No. 4, pp. 409-414, 2013	
14.	Mohd Afizi Mohd Shukran , Mohd Sidek Fadhil Mohd Yunus, Kamaruzaman Maskat, “Access Control Based on Pixel Value Extraction”, Australian Journal of Basic and Applied Sciences, Canadian Center of Science and Education, Vol. 7, No. 4, pp. 415-418, 2013	International
15.	Mohd Hazali Mohamed Halip, Mohd Afizi Mohd Shukran , Omar Zakaria, Syed Nasir Alsagoff Syed Zakaria, “Detection of Steganographic Messages in Email Attachment”, Modern Applied Science, Canadian Center of Science and Education, Vol. 6, No. 11, 2012.	International
16.	Mohd Afizi Mohd Shukran , Yuk Ying Chung, Wei-Chang Yeh, Noorhaniza Wahid, Ahmad Mujahid Ahmad Zaidi, “Image Classification Technique using Modified Particle Swarm Optimization”, Modern Applied Science, Canadian Center of Science and Education, Vol. 7, No. 5, 2011.	International
17.	Changseok Bae, Wei-Chang Yeh, Mohd Afizi Mohd Shukran , Yuk Ying Chung, Tsung-Jung Hsieh, “A novel anomaly-network intrusion detection system using ABC algorithm”, International Journal of Innovative Computing, Information and Control, Vol. 8, No. 12, 2012.	International
18.	Siti Rohaidah Ahmad, Zulkarnain Md Ali, Arniyati Ahmad, Suhaila Ismail, Mohd Afizi Mohd Shukran , “Hybrid Framework Model for Building HoneyNet Laboratory for Computer Security Education in National Defence University Malaysia (NDUM)”, Australian Journal of Basic and Applied Sciences, Canadian Center of Science and Education, Vol. 6, No. 8, 2012.	International
19.	Mohd Afizi Mohd Shukran , Mohd Suhaili Bin Ariffin, “Kinect-based Gesture Password Recognition”, Australian Journal of Basic and Applied Sciences, Canadian Center of Science and Education, Vol. 6, No. 8, pp. 492-499, 2012.	International
20.	Suhaila Ismail, Arniyati Ahmad, Mohd Afizi Mohd Shukran , “New Method of Forensic Computing in a Small Organization”, Australian Journal of Basic and Applied Sciences, Canadian Center of Science and Education, Vol. 5, No. 9, pp. 2019-2025, 2012.	International
21.	Nor Wahidah Binte Zailan, SN Alsagoff, Nor Fatimah Awang, Mohd Afizi Mohd Shukran , “Method of Search and Rescue in Dipterocarp Forest Using GPS Technology”, Advanced Materials Research, Vol. 626, pp.195-199, 2013.	International
22.	Mohd Afizi Mohd Shukran , Wan Sharil Sham Shariff, “Android Augmented Reality System In Malaysia Military Operations-Unit Positions”, Australian Journal of Basic and Applied Sciences, Canadian Center of Science and Education, Vol. 6, No. 8, 2012.	International
23.	Mohd Nazri Ismail, Mohd Afizi Mohd Shukran , Kamaruzaman Maskat, Mohd Hafizh Mohamed, “File Transfer over Dual-Stack IPv6 Tunnelling in Real Network Environment: Router to Router Performance Analysis Using Best Effort Approach”, INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY SCIENCES AND ENGINEERING, VOL. 4, NO. 8, 2013	International

24.	Mohd Rizal Bin Mohd Isa, Mohd Afizi Mohd Shukran , Mohammad Adib Khairuddin, Yuhanim Hani Binti Yahaya, Mohd Hazali Mohamed Halip, Kamaruzaman Maskat, "The Design of Fingerprint Biometric Authentication on Smart Card for PULAPOT Main Entrance System", <i>International Journal of Advancements in Computing Technology (IJACT)</i> Vol. 4, No.16, 2012.	International
25.	Lee Fong Yee, Mohd. Afizi bin Mohd. Shukran , Wong Chee Kong," Responsive Web Design for Mobile Device Screen Optimization", <i>Applied Mechanics and Materials</i> , Vol. 549, pp. 1460-1464, 2014.	International
26.	Mohd Afizi bin Mohd Shukran , Mohd Sidek Fadhil bin Mohd Yunus, Wan Sharil Sham Shariff, Mohd Suhaili Ariffin, Kamaruzaman Maskat, "Pixel Value Graphical Password Scheme: Identifying Design Features and Requirements", <i>Applied Mechanics and Materials</i> , Vol. 549, pp. 1561-1565, 2014.	International
27.	Chee Kong Wong, Mohd Afizi bin Mohd Shukran , Fong Yee Lee, "Approaches in Pattern Recognition and Classification Based on Coin Images", <i>Applied Mechanics and Materials</i> , Vol. 549, pp. 1148-1151, 2014.	International

2.2.4 Proceedings Articles:

(Please list in chronological order and state: authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name))

No	Authors, year, title, publisher/journal/conference, volume and number of pages (Please bold your name)	Level <ul style="list-style-type: none"> • International • National • University
1.	Mohd Afizi Mohd Shukran , Yuk Ying Chung, Xiaoming Chen, "Implementation of a New H.264 Video Watermarking Algorithm With Usability Test", submitted to <i>Proceedings of the Human Computer Interface (HCI) International 2007</i> , Nov, 2006.	International
2.	Yuk Ying Chung, Siqu Li, Xiaoming Chen, Mohd Afizi Mohd Shukran , "A New Optimized Error Resilient Coding For Video Applications", submitted to <i>2007 Proceedings of the IEEE International Conference on Multimedia & Expo 2007 (ICME'07)</i> .	International
3.	Yuk Ying Chung, Ka Yee Ng, Liwei Liu, Xiaoming Chen, Mohd Afizi Mohd Shukran , Eric H.C.Choi, David Yu Shi, Fang Chen, "Design of a Content Based Multimedia Retrieval System", <i>Proceedings of the 2007 World Scientific And Engineering Academy And Society (WSEAS) Transaction on Computers</i> , Issue 3, Volume 3, March 2007.	International
4.	Yuk Ying Chung, Xiang Zhang, Xiaoming Chen, Mohd Afizi Mohd Shukran , Changseok Bae, "The New Hybrid Approach to Protect MPEG-2 Video Header", <i>Proceedings of the 6th World Scientific And Engineering Academy And Society (WSEAS) International Conference on Multimedia Systems and Signal Processing (MUSP'06)</i> , Hangzhou, China, April 16-18, 2006 (pp19-24).	International
5.	Yuk Ying Chung, Eric H.C. Choi, Zhen Zhao, Mohd Afizi Mohd Shukran , David Yu Shi, Fang Chen, "An Efficient Tree-Based Quantization for Content Music Retrieval System", <i>Proceedings of the 2007 World Scientific And Engineering Academy And Society (WSEAS) International Conference on Computer Engineering and Applications</i> , Gold Coast, Australia, January 17-19, 2007.	International

6.	Yuk Ying Chung, Eric H.C. Choi, Liwei Liu, Mohd Afizi Mohd Shukran , David Yu Shi, Fang Chen, "A New Hybrid Audio Classification Algorithm Based on SVM Weight Factor and Euclidean Distance", <i>Proceedings of the 2007 World Scientific And Engineering Academy And Society (WSEAS) International Conference on Computer Engineering and Applications</i> , Gold Coast, Australia, January 17-19, 2007.	International
7.	Mohd Afizi Mohd Shukran , Yuk Ying Chung, Eric H.C. Choi, "A New Content-Based Image Classification Method Using SVM-weight and Euclidean Distance", <i>2008 International Conference on Image Processing, Computer Vision & Pattern Recognition</i> , Vol. II, pp. 513-518, 2008.	International
8.	Changseok Bae, Yuk Ying Chung, Mohd Afizi Mohd Shukran , Eric Choi, Wei-Chang Yeh, "An Intelligent Classification Algorithm for LifeLog Multimedia Applications", <i>2008 IEEE 10th Workshop on Multimedia Signal Processing (MMSP 2008)</i> , pp. 558-562, 2008.	International
9.	Mohamad Abu Ubaidah Amir, Rina Mohd Sharip, Wan Baderul Hisan Wan Muda, Mohd Afizi Mohd Shukran , Hardy Azmir Anuar, Omar Zakaria, "Heave Buoy Energy Converters; Simulation of heave buoy response to wave in Malaysian water", <i>International Conference on Sustainability in Energy and Buildings</i> , 2014.	International
10.	Mohd Afizi Mohd Shukran , Mohammad Adib Khairuddin, Kamaruzaman Maskat, "Recent Trends in Data Classification" <i>International Conference on Industrial and Intelligent Information</i> , Vol. 31, pp.69-72, 2012.	International
11.	Mohammad Adib Khairuddin, Mohd Afizi Mohd Shukran , Kamaruzaman Maskat, "An Analysis on Prepaid Cards in Australia IT Industry", <i>International Conference on Industrial and Intelligent Information</i> , Vol. 31, pp.78-82, 2012.	International
12.	Kamaruzaman Maskat, Mohd Afizi Mohd Shukran , Mohammad Adib Khairuddin, "Using Agent Based SNORT in Intrusion Detection Systems" <i>International Conference on Industrial and Intelligent Information</i> , Vol. 31, pp.83-88, 2012.	International
13.	Mohd Afizi Mohd Shukran , Amalina Farhi Ahmad Fadzlah, Kamaruzaman Maskat, Muhammad Zuriyat Abdullah, "Motion Based Detection Warning System", <i>Kolokium Fakulti Sains & Teknologi Pertahanan</i> , 2014.	National
14.	Mohd Afizi Mohd Shukran , Kamaruzaman Maskat, Mursyideen Ahmad Iskandar Shah, "QR Tag Scanner", <i>Kolokium Fakulti Sains & Teknologi Pertahanan</i> , 2014.	National
15.	Lee Fong Yee, Mohd. Afizi bin Mohd. Shukran , Wong Chee Kong, "Responsive Web Design for Mobile Device Screen Optimization", <i>3rd International Conference on Manufacturing Engineering and Process, ICMEP 2014</i> .	International
16.	Mohd Afizi bin Mohd Shukran , Mohd Sidek Fadhil bin Mohd Yunus, Wan Sharil Sham Shariff, Mohd Suhaili Ariffin, Kamaruzaman Maskat, "Pixel Value Graphical Password Scheme: Identifying Design Features and Requirements", <i>3rd International Conference on Manufacturing Engineering and Process, ICMEP 2014</i> .	International
17.	Chee Kong Wong, Mohd Afizi bin Mohd Shukran , Fong Yee Lee, "Approaches in Pattern Recognition and Classification Based on Coin	International

Images”, 3rd International Conference on Manufacturing Engineering and Process, ICMEP 2014.	
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3.0 ACADEMIC RECOGNITION AND LEADERSHIP, CONSULTANCY, SERVICE TO THE UNIVERSITY AND SERVICE TO THE COMMUNITY

(a) Academic Recognition and Leadership

Academic recognition and leadership such as Academic Award , Academic Assessor/External Examiner/Ph.D. Thesis Examiner, Master’s Thesis Examiner/Promotion Assessor (External), Internal Thesis Examiner, Visiting Professor/Fellowship, Invited Speaker, Editorial Board and other academic recognition. (Please list in chronological order and state: Academic Recognition (e.g. award name,invited speakers etc.), year, level and awarding body/ name of institution)

No	Academic Recognition	Year	Level	Awarding Body / Name of Institution
1.	External Examiner for School of IT	2013	National	SEGI UNIVERSITY, Malaysia
2.	Adjunct Associate Professor	2012	National	SEGI UNIVERSITY, Malaysia
3.	General Editor-in-Chief	2012	International	International Journal of Science and Defense Technology (IJSdT) http://www.aicit.org/ijstdt/home/index.html
4.	External Master Thesis Examiner	2014	National	Universiti Kuala Lumpur Malaysia
5.	Editorial Board	2012	International	Journal of Convergence Information Technology
6.	Editorial Board	2012	International	International Journal of Digital Content Technology and its Applications (JDCTA)
7.	Editorial Board	2012	International	Modern Applied Science
	Editorial Board	2012	International	International Journal of Advancements in Computing Technology(IJACT)
8.	Editorial Board	2012	International	Journal of Next Generation Information Technology
9.	Editorial Board	2012	International	Computer and Information Science
10.	2 SILVER MEDAL, 2 BRONZE MEDAL	2013	International	International Exposition of Research and Innovation in Education 2013 (Edu-InERI2013)
11.	1 BRONZE MEDAL	2013	International	PECIPTA 2013
12.	1 GOLD MEDAL	2014	International	25th International Invention, Innovation & Technology Exhibition (ITEX 2014)
13.	1 GOLD MEDAL, 1	2014	International	Invention, Innovation & Design Exposition (iidex2014)

	BRONZE MEDAL			
14.	1 SILVER MEDAL, 1 BRONZE MEDAL	2014	International	International Engineering Invention & Innovation Exhibition (i-ENVEX 2014)
15.	1 BRONZE	2014	International	Malaysia International Technology Expo (MTE)
16.	1 PRODUCT PATEN	2013	International	MyIPO
17.	EC-COUNCIL Network Security Administrator (ENSA)	2014	International	EC-COUNCIL
18.	Microsoft System Administrator (MCSA)	2007	International	MICROSOFT
19.	Microsoft System Professional (MCP)	2007	International	MICROSOFT
20.	Microsoft System Engineer (MCSE)	2007	International	MICROSOFT
21.	Digital Etiquette Certification (1Citizen)	2011	National	Prestariang
22.	IC CITIZEN Certified Trainer (1Citizen)	2011	National	Prestariang
23.	Sijil Kecermelangan (MTE2014)	2014	National	Vice Chancellor UPNM
24.	Sijil Kecermelangan (ITEX2014)	2014	National	Vice Chancellor UPNM
25.	Sijil Kecermelangan (TAHUN 2013)	2013	National	Vice Chancellor UPNM

(b) Consultancy - Consultancy work that benefited to the University.

(Please list in chronological order and state: title, year, sponsor, value, main researchers and duration of consultancy)

No.	Title	Year	Sponsor	Value	Duration
1.	Project Consultant	2014	INNERGIA SDN BHD	RM174,000.00	3 Years
2.	Project Consultant	2007	Electronics and Telecommunications Research Institute (ETRI) Korea	AUD16,000.00	1 Year

(c) Service to the University

Service to the university such as Vice Chancellor/Deputy Vice Chancellor/Dean/Director, Deputy Dean/Deputy Director/Unit Coordinator/Hostel Warden, Programme Chairperson/ Assistant Warden/Fellow. Representing University in Sports and Other Non-Academic Activities. Professional/Academic Association (Committee Member).

(Please list in chronological order and state: position/membership, committee and duration)

No	Position/Membership	Committee	Duration
1.	HEAD OF DEPARTMENT OF COMPUTER SCIENCE	Faculty of Defense and Science Technology, National Defense University of Malaysia (UPNM)	2 years

(d) Service to the community

(Please list in chronological order and state: level of involvement, activity, organiser, venue, date/ year/ duration)

No	Level of involvement	Activity	Organiser	Venue	Date/Year/Duration
1.	Member	Community Service	Pusat Komuniti Kg Dato Abu Bakar Baginda	Kg Dato Abu Bakar Baginda, Kajang Selangor	1 Jan 2012
2.	Member	Community Service	Pusat Komuniti Taman Seri Bangi	Taman Seri Bangi, Bandar Baru Bangi	1 Jan 2013

REFERENCES

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I declare that all the information in this form is true and correct. The University has the right to withdraw or reject the application if any information in this form found to be untrue.

Signature : 

Name : **DR MOHD 'AFIZI BIN MOHD SHUKRAN**

Faculty/Department : **FAKULTI SAINS & TEKNOLOGI PERTAHANAN
Jabatan Sains Komputer**

Date : **4 OGOS 2014**

I verify that, to the best of my knowledge, all the information provided in the forms are true.

**Dean
Signature and Stamp** :

Date :