


AZLINAH MOHAMED
(MyRA IMPACT ACTIVITIES)

(Please use this template as primary impact activities, other information please include as attachment)

Name :	Prof Dr. Azlinah Mohamed	
Faculty :	Fakulti Sains Komputer dan Matematik	
Staff No :	125451	
Grade of Position (VK7/DM54/DM52 etc)	VK7	
Pasport/MyKad No. :	670614-08-5188	
Telephone No. (Office)	55121242	
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BASIC PROFILE

Lecturer DM45/DM46/DM51/DM52/DM53/DM54

Appointments	Date/Year of Appointment
Lecturer DM45/DM46	
Lecturer DM52/DM51	
Lecturer DM53/DM54/DT1	
Professor (VK7)	19 October 2010
Professor (VK6)	
Year of Birth :	14 Jun 1967
Ph.D Qualification (Year Obtained)	2001
Professional Qualification (Year Obtained)	

NATIONAL LEVEL RESEARCH COMMITTEE

(Only those within last five years)

	Name of Research Committee	Hosting Secretariat	Year Involved
1	Malaysia Information Technology Society (MITS)	UKM	2009
2	GUP Research Project (University Research Grant)	UKM	2009

POSTGRADUATE SUPERVISION

(Only those within last five years, Please indicate if it is at other institutions)

MASTER (RESEARCH) SUPERVISION COMPLETED (Includes Co-supervision)

	Students Name	Institutions	Year Enrolled	Year End
1	Ku Shairah Jazahanim	UiTM	Jan 2007	Oct 2009
2	Fuziah Abu Hanifah	UiTM	12 Apr 2007	May 2009
3	Mohd Razif Bin Shamsuddin	UiTM	14 Nov 2006	Oct 2008
4	Norhamimi Binti Mohd Hidzir	UiTM	June 2002	Oct 2007
5	Mohd Khairul Azmi Hassan	UiTM	25 Aug 2001	16 Mac 2005
6	Mohd Yamin Ahmad	UiTM	Jan 2010	Dec 2013

PhD SUPERVISION COMPLETED (Includes Co-supervision)

	Students Name	Institutions	Year Enrolled	Year End
1	Azrilah Abdul Aziz	UiTM	Jan 2007	Aug 2009
2	Syaripah Ruzaini bt Syed Aris	UiTM	Julai 2006	April 2010
3	Marina Yusoff	UiTM	Julai 2008	Jun 2011
4	Yap May Lin	OUM	Jan 2007	Sept 2012
5	Nik Zulkarnean Khidzir	UiTM	Julai 2008	Dec 2012

ON-GOING MASTER (RESEARCH) SUPERVISION (Includes Co-supervision)

	Students Name	Institutions	Year Enrolled	Year End	NAMA GRANT	AGENSI PEMBERI
1						
2						

On-Going PhD SUPERVISION (Includes Co-supervision)

	Students Name	Institutions	Year Enrolled	Year End	NAMA GRANT	AGENSI PEMBERI
[1]	Sofianita Abd Mutalib	UiTM	Jan 2011	Dec 2014	UiTM	KPT
[2]	Nina Kamarina Kamaruddin	UiTM	July 2010	July 2013	UiAM	KPT
[3]	Hamam Mokayed	UiTM	Jan 2010	Dec 2013	Self-Funded	
[4]	Mohd Razif Shamsuddin	UiTM	Sept 2013	Sept 2016	UiTM	KPT
[5]	Norulhidayah Isa	UiTM	Sept 2013	Sept 2016	UiTM	KPT

[6]	Nor Nadiah Yusof	UiTM	Sept 2013	Sept 2016	UiTM	KPT
[7]	Anis De Vries	UiTM	Sept 2013	Sept 2016	Self-Funded	

RESEARCH FUNDINGS *(State whether Principal/Co-Researcher)*

NATIONAL LEVEL ACTIVE RESEARCH FUNDING (MOSTI/FRGS & Others) (Last Five Years)

	Research Project	Source	Total Funds	Begin Year	End Year
1	Intelligent Graphology - Principal	MOSTI	RM162,997	1 Dec 2006	June 2008
2	Evacuation Routing Optimizer (EROP) - Principal	MOSTI	RM127,800	1 May 2009	Oct 2010
3	Development of an Intelligent Flood Warning System and Inundation Model for selected catchment in Peninsular Malaysia (04-01-01-SF0081) - Co	MOSTI	RM369,436	1 Dec 2006	Dec 2009
4	ICT Outsourcing Algorithm - Principal	FRGS	RM40,000	15 Sept 2007	14 Sept 2009
5	Graphology Recognition Using NN Techniques - Co	FRGS	RM30,000	15 Sept 2007	14 Sept 2009
6	ICU Medical Data Modeling - 600-RMI FST/FRGS 5/3/FST (97/2010)	FRGS	RM48,000	1 Mac 2010	29 Feb 2012
7	Biologically Inspired Intrusion Detection System Model - USIM/FRGS-FST-01-50210	FRGS	RM32,000	Mei 2010	1 Dec 2011
8	Neural Network Black Box Rule Extraction Mechanism - FRGS/1/2012/TK06/UiTM/03/13	FRGS	RM56,950	April 2012	April 2014
9	Rule Discovery of Single Nucleotide Polymorphisms in Gene Disease Association - 600-RMI/DANA 5/3/RIF (495/2012)	RIF	RM32,000	2012	2014
10	Real Time Routing Optimization Decision Support for Traffic Congestion Release UiTM0005820 – (Dr Marina Yusoff) Process	FRGS			
11					
12					

INDUSTRIAL RESEARCH FUNDING INCLUDING CONTRACT RESEARCH (Last Five Years)

	Research Project	Source	Total Funds	Begin Year	End Year
1					
2					

INTERNATIONAL RESEARCH FUNDING INCLUDING CONTRACT RESEARCH (Last Five Years)

	Research Project	Source	Total Funds	Begin Year	End Year
1					
2					

CONSULTATION FUNDING (Last Five Years)

	Consultation Project	Source	Total Funds	Begin Year	End Year
1	Pioneer in the Usage of Fiber Optic Detector in the Warning System for Landslide.	Ministry of Finance through Public Works Department (PWD)	RM662,233	Jun, 2007	Dec 2010
2	As an advisor in the Artificial Intelligence field for Telephony AppGen and Network Intelligent Agent (TANIA) project	Viztel Solutions Berhad	None	2008	2008
3	Technology Course for the employees of HICOM Communications Sdn. Bhd.	HICOM Communications Sdn. Bhd	None	2006	2007

Dana Kecemerlangan UiTM (Last Five Years)

	Research Project	Total Funds	Begin Year	End Year
1	A Study on Evacuation Route Planning Using Optimization Approach - Co	RM30,000	15 May 2008	15 May 2010
2	Information Security Risk Management Framework for Information Technology Outsourcing - Co	RM10,000	15 June 2009	25 June 2011
3	An Empirical Study on Organizational Acceptance on Government-Work Monitoring System (G-WoRMS) - Co	RM6,000	15 June 2011	14 June 2011

Azlinah (Prof. Dr.) Hj. Mohamed
 Professor in Intelligent Systems, Universiti Teknologi MARA
 Artificial Intelligence, Decision Support Systems, Soft Computing
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Title	1-20	Cited by	Year
Application of Rasch Model in validating the construct of measurement instrument	39	2008	
Automated grading of palm oil fresh fruit bunches (FFB) using neuro-fuzzy technique	30	2009	
Optimization approaches for macroscopic emergency evacuation planning: a survey	27	2008	
Conceptual framework on risk management in IT outsourcing projects	19	2008	
Inherent risks in ICT outsourcing project	18	2007	

Citation indices

	All	Since 2010
Citations	419	342
h-index	10	9
i10-index	10	7

Bar chart showing citation indices from 2008 to 2015.

PUBLICATIONS (Only those indexed in IEEE/ISI/SCOPUS)

(Please ensure that you indicate whether papers are indexed in IEEE/ISI/Scopus, also indicate the impact factor if available)

PUBLICATION ACCORDING TO JOURNAL, CHAPTER IN BOOKS AND PROCEEDINGS:

JOURNALS:

- [1]Norulhidayah Isa, **Azlinah Mohamed**, Marina Yusoff (2015) . Implementation of Dynamic Traffic Routing Congestion: A Review. Communications in Computer and Information Science, 545, 174-186.
- [2]Nor Nadiyah, **Azlinah M.**, Shuzlina Abdul-Rahman (2015) Reviewing Classification Approaches in Sentiment Analysis, Communications in Computer and Information Science, 545, 43-53.
- [3]Sofianita Mutalib, Shuzlina Abdul-Rahman, **Azlinah Mohamed**, Association Rules in Genetic Algorithm, *Science Asia Journal*, 2014, *In-press*.
- [4]Hamam Mokayed, **Azlinah Hj Mohamed**, *A Robust Thresholding Technique for Generic Structured Document Classifier Using Ordinal Structure Fuzzy Logic*, International Journal of Innovative Computing Information and Control (IJICIC) Vol 4, No 10, 2014, ISSN 1349-4198, EI Compendex (Elsevier), Scopus (Elsevier), INSPEC (IET).
- [5]Nik Zulkarnaen Khidzir, **Azlinah Mohamed**, and Noor Habibah Arshad, *ICT Outsourcing Information Security Risk Factors: An Exploratory Analysis of Threat Risks Factor for Critical Project Characteristics*, Journal of Industrial and Intelligent Information, Vol. 1, No. 4, pp. 218-222, December 2013. doi: 10.12720/jiii.1.4.218-222.
<http://www.jiii.org/index.php?m=content&c=index&a=show&catid=36&id=65>
- [6]Hamam Mokayed, **Azlinah Hj Mohamed**, *Finding Similarities between Structured Documents as a Crucial Stage for Generic Structured Document Classifier*, Journal of Computer Engineering and Intelligent Systems 4 (5), 10-22, 2013, ISSN (Paper)2222-1727, ISSN (Online)2222-2863
- [7]Sofianita Mutalib, **Azlinah Mohamed**, *Study on Classification Methods in Genome Wide Association*, Advanced Science Letters, Volume 19, Issue 11, pg. 3391-3394, 2013, <http://dx.doi.org/10.1166/asl.2013.5158> (2010 IF 1.253).
- [8]Marina Yusoff , Junaidah Ariffin , **Azlinah Mohamed**, *Discrete Particle Swarm Optimization with a Search Decomposition and Random Selection for the Shortest Path Problem*, International Journal of Computer Information Systems and Industrial Management Applications, Volume 4, pg. 578-588, 2012, ISSN 2150-7988.
- [9]Marina Yusoff, Junaidah Ariffin, and **Azlinah Mohamed**, *A Modified Discrete Particle Swarm Optimization for Solving Flash Floods Evacuation Operation*, International Journal of Computers, Issue 4, Volume 5, pg. 460-467, 2011
- [10] Nik Zulkarnaen Khidzir, Noor Habibah Arshad and **Azlinah Mohamed**, *An Exploratory Factor Analysis on Information Security Risk in ICT Outsourcing*, Journal of Information Retrieval and Knowledge Management Volume 1, pg. 28 - 45, 2011.
- [11] Nik Zulkarnaen Khidzir, Noor Habibah Arshad & **Azlinah Mohamed**, *Conceptual Framework on Information Security Risk Management in Information Technology Outsourcing*, Journal of Media and Information Warfare, Vol 3, pp. 77-104, 2010, ISSN 1675-1302
- [12] Syaripah Ruzaini Syed Aris, Noor Habibah Arshad, **Azlinah Mohamed**, *IT Outsourcing: An Exploratory Study Based on Transaction Cost Theory, Relational Exchange Theory and Agent Theory*, WSEAS Transactions on Information Science and Applications, Issue 6, Vol. 6, pp. 895 -

- 905, June 2009 ISSN: 1790-0832 SCImago (Journal Rank) = 0,039, Indexing: 06.32% (Acceptance Rate)
- [13] Noor Habibah Arshad, **Azlinah Mohamed**, Ruzaidah Mansor, *Organizational Structural Strategies in Risk Management Implementation: Best Practices and Benefits*, WSEAS Transactions on Information Science and Applications, Issue 6, Vol. 6, pp. 885 - 894, June 2009 ISSN: 1790-0832 SCImago (Journal Rank) = 0,039, Indexing: 06.32% (Acceptance Rate)
- [14] Norzaidah Md Noh, Mohd Rusydi Abdul Talib, Azlin Ahmad, Shamimi A. Halim, **Azlinah Mohamed**, *Malay Document Analysis and Recognition*, WSEAS Transactions on Information Science and Applications, Issue 6, Vol. 6, pp. 1008 – 1017, June 2009 ISSN: 1790-0832 SCImago (Journal Rank) = 0,039, Indexing: 06.32% (Acceptance Rate)
- [15] **Azlinah Mohamed**, Noor Habibah Arshad, Nurul Aisyah Sim Abdullah, *Knowledge Transfer Success Factors in IT outsourcing Environment*, WSEAS Transactions on Information Science and Applications, Issue 5, Vol. 6, pp. 916 - 925, June 2009 ISSN: 1790-0832 SCImago (Journal Rank) = 0,039, Indexing: 06.32% (Acceptance Rate)
- [16] **Azlinah Mohamed**, Rohayu Yusof, Sofianita Mutalib, Shuzlina Abdul Rahman, *Online Slant Signature Algorithm Analysis*, WSEAS Transactions on Computers, Issue 5, Vol. 8, pp. 864 - 873, May 2009 ISSN: 1109-2750 SCImago (Journal Rank) = 0,038, Indexing: 05.76% (Acceptance Rate)
- [17] **Azlinah Mohamed**, Rohayu Yusof, Shuzlina Abdul Rahman, Sofianita Mutalib, *Baseline Extraction Algorithm for Online Signature Recognition*, WSEAS Transactions on Systems, Issue 4, Vol. 8, pp. 491 - 500, April 2009 ISSN: 1109-2777 SCImago (Journal Rank) = 0,038, Indexing: 09.31% (Acceptance Rate)
- [18] **Azlinah Mohamed**, Nik Abdullah Nik Abdul Kadir, Yap May-Lin, Shuzlina Abdul Rahman, and Noor Habibah Arshad, *Data Completeness Analysis in Malaysian Educational Management Information System*, International Journal of Education and Development using ICT [Online], Vol. 5, No. 2, March 2009. Available: <http://ijedict.dec.uwi.edu/viewarticle.php?id=477>.
- [19] Azrilah Abd Aziz, **Azlinah Mohamed**, NoorHabibah Arshad, Sohaimi Zakaria, Azami Zaharim, Hamza Ahmad Ghulman and Mohd Saidfudin Masodi, *Application of Rasch Model in validating the construct of measurement instrument*, International Journal of Education and Information Technologies, Issue 2, Volume 2, pg. 105-112, 2008ISSN: 1109-9577
- [20] Noor Habibah Arshad, Yap May Lin, **Azlinah Mohamed**, Aidura Bahak Udin, *Service Delivery in ICT Outsourcing: Relationship Intensity Between Vendor and Client*, Public Sector ICT Management Review: ICT in Service Delivery, Vol. 2, No. 2, pp. 15 – 21, July-Dec 2008
- [21] Noor Habibah, Fauziah Ahmad, Norjansalika Janom and **Azlinah Mohamed**, *Online Transportation Services Guideline for Service Quality*, WSEAS Transactions on Business and Economics, Issue 5, Volume 5, pp. 201 – 209, May 2008 ISSN: 1109-9526 SCImago (Journal Rank) = to be announced, Indexing: 09.69% (Acceptance Rate)
- [22] Syaripah Ruzaini Hj Syed Aris, Noor Habibah Arshad, **Azlinah Mohamed**, *Conceptual Framework on Risk Management in IT Outsourcing Projects*, WSEAS Transactions on Information Science and Applications, Issue 5, Volume 5, pp. 816 – 831, May 2008 ISSN: 1709-0832 SCImago (Journal Rank) = 0,039 Indexing: 06.32% (Acceptance Rate)
- [23] **Azlinah Mohamed**, Azrilah Abd. Aziz, Abd. Rahman Ahlan, Sohaimi Zakaria and Mohdsaidfudin Masodi, *Outcome Based Education Performance Measurement: A Rasch-based Longitudinal Assessment Model to Measure Information Management Courses LO's*, WSEAS Transactions on Information Science and Applications, Issue 3, Volume 5, pp. 292 – 299, March 2008 ISSN: 1709-0832 SCImago (Journal Rank) = 0,039 Indexing: 06.32% (Acceptance Rate)
- [24] Mohd Razif Shamsuddin and **Azlinah Mohamed**, *Online Signature Slant Feature Identification Algorithm*, WSEAS Transactions on Computer Research, Issue 3, Volume 3, pp. 121 – 130, March 2008 ISSN: 1991- 8755 Indexing: 07.81% (Acceptance Rate)

- [25] **Azlinah Mohamed**, Marina Yusoff, Itaza Afiani Mohtar, Sofianita Mutalib and Shuzlina Abdul Rahman, *Constraint Satisfaction Problem Using Modified Branch and Bound Algorithm*, WSEAS Transactions on Computers, Issue 1, Volume 7, pp. 1 – 7, January 2008, ISSN: 1109-2750 SCImago (Journal Rank) = 0,038 Indexing: 05.76% (Acceptance Rate)
- [26] **Azlinah Mohamed**, Faizatul Huda Bt Mat, Sofianita Mutalib, Shuzlina Abdul Rahman and Noor Habibah Arshad, *Batu Aceh Typology Identification Using Back Propagation Algorithm*, WSEAS Transactions on Information Science and Applications, Issue 1, Volume 5, pp. 14 – 21, January 2008 ISSN: 1709-0832 SCImago (Journal Rank) = 0,039 Indexing: 06.32% (Acceptance Rate)
- [27] Azrilah Abd Aziz, **Azlinah Mohamed**, NoorHabibah Arshad, Sohaimi Zakaria and Mohdsaidudin Masodi, *Appraisal of Course Learning Outcomes using Rasch Measurement: A Case Study in Information Technology Education*, International Journal of Systems Applications, Engineering & Development, Issue 4, Volume 1, 2007, pg. 164-172, ISBN: NA
- [28] Noor Habibah Arshad, Yap May-Lin and **Azlinah Mohamed**, *ICT Outsourcing: Inherent Risks, Issues and Challenges*, WSEAS Transactions on Business and Economics, Issue 8, Volume 4, pp. 117 – 125, August 2007, ISSN: 1109-9526 SCImago (Journal Rank) = to be announced, Indexing: 09.69% (Acceptance Rate)
- [29] **Azlinah Mohamed**, Noor Habibah Arshad, Norhamimi Mohd Hidzir, *Implementing Model-Based Technique using Recursive Methodology*, WSEAS Transactions on Computer Research, Issue 2, Vol. 2, pp. 346 – 353, February 2007, ISSN 1991-8755 Indexing: 07.81% (Acceptance Rate) Page(s):1294 – 1299
- [30] Noor Habibah Arshad, Saharbudin Naim Tahir Shah, **Azlinah Mohamed**, Abdul Manaf Mamat, *The Design and Implementation of Database Encryption*, International Journal of Applied Mathematics and Informatics, Issue 3, Vol. 1, pp. 115 – 122, 2007
- [31] Noor Habibah Arshad, **Azlinah Mohamed**, Zaiha Mat Nor, *Software Development Projects: Risk Factors and Occurrences*, WSEAS Transactions on Computer Research, Issue 2, Vol. 2, pp. 354 – 361, February 2007, ISSN 1991-8755, Indexing: 07.81% (Acceptance Rate)
- [32] **Azlinah Hj. Mohamed**, Mohd Haris Shukri Bin Jahabar, *Implementation and Comparison of Inductive Learning Algorithms on Timetabling*, International Journal of Information Technology, vol. 12, no. 7, pp. 97-113, 2006
- [33] Noor Habibah Arshad, **Azlinah Mohamed** and Zaiha Mat Nor, *Risk Management Practices in Malaysia's Public Sector*, WSEAS Transactions on Business and Economics, Issue 7, Vol. 3, pp. 534 – 541, July 2006 ISSN 1109-9526 SCImago (Journal Rank) = to be announced, Indexing: 09.69% (Acceptance Rate)

CHAPTER in BOOKS:

- [1] **Nik Zulkarnaen Khidzir**, Noor Habibah Arshad & Azlinah Mohamed (2013), *Information Assets Security Requirement: The Relationship between Confidentiality and Availability of Information Assets in ICT Outsourcing*, Lecture Notes in Information Theory (LNIT), Vol. 1, No. 3, pg. 118-123, September 2013 (ISSN 2301-3788).
- [2] Sofianita Mutalib, Shuzlina Abdul Rahman, **Azlinah Mohamed**, *Towards Applying Associative Classifier for Genetic Variants*, Neural Information Processing, Lecture Notes in Computer Science, Vol. 7663, 2012, pg. 673-680, Springer Berlin/Heidelberg, 2012.
- [3] **Azlinah Mohamed**, Nur Fharah Anuar, Sofianita Mutalib, Marina Yusoff, Shuzlina Abdul Rahman, *Turf Grass Irrigation Using Neuro-Fuzzy System*, Neural Information Processing, Lecture Notes in Computer Science, Vol. 7666, pg. 644-651, Springer Berlin/Heidelberg, 2012.
- [4] Marina Yusoff, Junaidah Ariffin, **Azlinah Mohamed**, *DPSO Based on Random Particle Priority Value and Decomposition Procedure as a Searching Strategy for the Evacuation Vehicle Routing*

- Problem*, Neural Information Processing, Lecture Notes in Computer Science, Vol. 7665, pg. 678-685, Springer Berlin/Heidelberg, 2012.
- [5] Mohd Yamin Ahmad and Yasmin Anum Mohd Yusof and Siti Aishah Md. Ali and **Azlinah Mohamed**, *Pixel Mask Analyzer (PMA): Noise Removal in Gland Detection for Colon Cancer Image*, In: J. M. Zain, W. M. W. Mohd and E. El-Qawasmeh (eds): CCIS 2011, Software Engineering and Computer Systems: Communications in Computer and Information Science, vol. 179, pp. 652--659, 2011, ISBN: 978-3-642-22169-9, Springer: Heidelberg.
- [6] Marina Yusoff, Junaidah Ariffin, and **Azlinah Mohamed**, *A multi-valued discrete particle swarm optimization for the evacuation vehicle routing problem*, ICSI 2011, Part 1, LNCS: Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics 6728, pp. 182-193, 2011, ISSN: 0302-9743 ISBN: 978-3-6422-1514-8.
- [7] Marina Yusoff, Junaidah Ariffin, and **Azlinah Mohamed**, *Discrete Particle Swarm Optimization for Solving a Single to Multiple Destinations in Evacuation Planning*, 13th WSEAS International Conference on MATHEMATICAL METHODS, COMPUTATIONAL TECHNIQUES AND INTELLIGENT SYSTEMS (MAMECTIS '11), 2011, pp. 658-414, Iasi, Romania, July 1-3, 2011.
- [8] Marina Yusoff, Junaidah Ariffin, and **Azlinah Mohamed**, *Solving Vehicle Assignment Problem Using Evolutionary Computation*, In: Y. Tan, Y. Shi, and K.C. Tan (eds.): ICSI 2010, Part I, LNCS 6145, pp. 523–532, 2010. ISSN: 0302-9743 ISBN-10: 3-642-13494-7 ISBN-13: 978-3-642-13494-4
- [9] **Azlinah Mohamed**, Rohayu Yusof, Norzaidah Md Noh, Shuzlina Abdul Rahman, Marina Yusoff, Sofianita Mutalib, *Online Baseline Identification Algorithm Using Vector Rules*, In: Mastorakis, N.E., Croitoru, A., Balas, V.E., Son, E., Mladenov, V. (eds.) Recent Advances in Evolutionary Computing: Artificial Intelligence Series: A Series of Reference Books and Textbooks, WSEAS Press, pp. 158 - 163, March 23 – 25, 2009 ISBN: 978-960-474-067-3 ISSN: 1790-5109
- [10] Shuzlina Abdul Rahman, Rohayu Yusof, Sofianita Mutalib, Marina Yusoff, **Azlinah Mohamed**, *Slant Algorithm for Online Signature Recognition*, In: Mastorakis, N.E., Croitoru, A., Balas, V.E., Son, E., Mladenov, V. (eds.) Recent Advances in Evolutionary Computing: Artificial Intelligence Series: A Series of Reference Books and Textbooks, WSEAS Press, pp. 152 - 157, March 23 – 25, 2009 ISBN: 978-960-474-067-3 ISSN: 1790-5109
- [11] Norzaidah Md Noh, Mohd Rusydi Abdul Talib, Azlin Ahmad, Shamimi A. Halim, **Azlinah Mohamed**, *Malay Language Document Identification using BPNN*, In: Mastorakis, N.E., Croitoru, A., Balas, V.E., Son, E., Mladenov, V. (eds.) Recent Advances in Neural Networks: Artificial Intelligence Series: A Series of Reference Books and Textbooks, WSEAS Press, pp. 163 - 168, March 23 – 25, 2009 ISBN: 978-960-474-065-9 ISSN: 1790-5109
- [12] **Azlinah Mohamed**, Noor Habibah Arshad, Nurul Aisyah Sim Abdullah, *Influencing Factors of Knowledge Transfer in IT Outsourcing*, In: Mastorakis, N.E., Croitoru, A., Balas, V.E., Son, E., Mladenov, V. (eds.) Recent Advances in Mathematics and Computers in Business and Economics: Recent Advances in Computer Engineering: A Series of Reference Books and Textbooks, WSEAS Press, pp. 165 - 170, March 23 – 25, 2009 ISBN: 978-960-474-063-5 ISSN: 1790-5109
- [13] Syaripah Ruzaini Syed Aris, Noor Habibah Arshad, **Azlinah Mohamed**, *Exploratory Study on IT Outsourcing*, In: Mastorakis, N.E., Croitoru, A., Balas, V.E., Son, E., Mladenov, V. (eds.) Recent Advances in Mathematics and Computers in Business and Economics: Recent Advances in Computer Engineering: A Series of Reference Books and Textbooks, WSEAS Press, pp. 135 - 140, March 23 – 25, 2009 ISBN: 978-960-474-063-5 ISSN: 1790-5109
- [14] Noor Habibah Arshad, **Azlinah Mohamed**, Ruzaidah Mansor, *The Effects of Implementing Organizational Structural and Risk Management Strategies in Information System Projects*, In: Mastorakis, N.E., Croitoru, A., Balas, V.E., Son, E., Mladenov, V. (eds.) Recent Advances in Mathematics and Computers in Business and Economics: Recent Advances in Computer

Engineering: A Series of Reference Books and Textbooks, WSEAS Press, pp. 129 – 134, March 23 – 25, 2009 ISBN: 978-960-474-063-5 ISSN: 1790-5109

- [15] Nor Azlin Rosli, **Azlinah Mohamed**, Rahmattullah Khan, *Visualization Enhancement of HoloCatT Matrix*, In: Halimah Badioze Zaman, Peter Robinson, Maria Petrou, Patric Olivier, Heiko Schroder, Timothy K. Shih (eds.) *Visual Informatics: Bridging Research and Practice*, Lecture Notes in Computer Science, Springer-Verlag Berlin, pp. 675 – 685, November 2009, ISBN 978-3-642-05035-0 ISSN 0302-9743
- [16] Mohd Razif Shamsuddin, **Azlinah Mohamed**, *Baseline Image Classification Approach Using Local Minima Selection*, In: Halimah Badioze Zaman, Peter Robinson, Maria Petrou, Patric Olivier, Heiko Schroder, Timothy K. Shih (eds.) *Visual Informatics: Bridging Research and Practice*, Lecture Notes in Computer Science, Springer-Verlag Berlin, pp. 727 - 737, November 2009, ISBN 978-3-642-05035-0 ISSN 0302-9743
- [17] Mohd Razif Shamsuddin, Zaidah Ibrahim and **Azlinah Mohamed**, *Slant Classification Using FuzzySIS*, In: Wang, P.P., Sohn, S., Dhillon, G., Lee, J., Ko., F.I.S, Nguyen, N.T., Bi, J. Sakurai, K., Ahmadi, M., Na, Y.J., Chung, W. (eds.) *The 2008 International Conference on Convergence and Hybrid Information Technology*, Vol 1, pp. 1080-1085, IEEE Computer Society (IEEE Xplore), November 2008
- [18] Mohd Razif Shamsuddin, Ku Shairah Jazahanim, Zaidah Ibrahim, Rahmattullah Khan Abdul Wahab Khan and **Azlinah Mohamed**, *Graphology and Catell's 16PF Traits Matrix (HoloCAT Matrix)*, In: Wang, P.P., Sohn, S., Dhillon, G., Lee, J., Ko., F.I.S, Nguyen, N.T., Bi, J. Sakurai, K., Ahmadi, M., Na, Y.J., Chung, W. (eds.) *The 2008 International Conference on Convergence and Hybrid Information Technology*, Vol 1, pp. 220-225, IEEE Computer Society (IEEE Xplore), November 2008
- [19] Sohaimi Zakaria, Azrilah Abdul Aziz, **Azlinah Mohamed**, Noor Habibah Arshad, Hamzah Ahmad Ghulman and Mohd Saidudin Masodi, *Assessment of Information Managers' Competency Using Rasch Measurement*, In: Wang, P.P., Sohn, S., Dhillon, G., Lee, J., Ko., F.I.S, Nguyen, N.T., Bi, J. Sakurai, K., Ahmadi, M., Na, Y.J., Chung, W. (eds.) *The 2008 International Conference on Convergence and Hybrid Information Technology*, Vol 1, pp. 190-196, IEEE Computer Society (IEEE Xplore), November 2008
- [20] Ku Shairah Jazahanim, Zaidah Ibrahim and **Azlinah Mohamed**, *K-Nearest Neighbor-Based for Online Baseline Identification*, In: Wang, P.P., Sohn, S., Dhillon, G., Lee, J., Ko., F.I.S, Nguyen, N.T., Bi, J. Sakurai, K., Ahmadi, M., Na, Y.J., Chung, W. (eds.) *The 2008 International Conference on Convergence and Hybrid Information Technology*, Vol 2, pg 748-753, IEEE Computer Society (IEEE Xplore), November 2008
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- [1] Azrilah Abd Aziz, **Azlinah Mohamed**, NoorHabibah Arshad, Sohaimi Zakaria and Mohdsaidfudin Masodi, *Appraisal of Course Learning Outcomes using Rasch Measurement: A Case Study in Information Technology Education*, International Journal of Systems Applications, Engineering & Development, Issue 4, Volume 1, 2007, pg. 164-172, ISBN: NA
- [2] Noor Habibah Arshad, Yap May-Lin and **Azlinah Mohamed**, *ICT Outsourcing: Inherent Risks, Issues and Challenges*, WSEAS Transactions on Business and Economics, Issue 8, Volume 4, pp.

117 – 125, August 2007, ISSN: 1109-9526 SCImago (Journal Rank) = to be announced, Indexing: 09.69% (Acceptance Rate)

- [3] **Azlinah Mohamed**, Noor Habibah Arshad, Norhamimi Mohd Hidzir, *Implementing Model-Based Technique using Recursive Methodology*, *WSEAS Transactions on Computer Research*, Issue 2, Vol. 2, pp. 346 – 353, February 2007, ISSN 1991-8755 Indexing: 07.81% (Acceptance Rate) Page(s):1294 – 1299
- [4] Noor Habibah Arshad, Saharbudin Naim Tahir Shah, **Azlinah Mohamed**, Abdul Manaf Mamat, *The Design and Implementation of Database Encryption*, *International Journal of Applied Mathematics and Informatics*, Issue 3, Vol. 1, pp. 115 – 122, 2007
- [5] Noor Habibah Arshad, **Azlinah Mohamed**, Zaiha Mat Nor, *Software Development Projects: Risk Factors and Occurrences*, *WSEAS Transactions on Computer Research*, Issue 2, Vol. 2, pp. 354 – 361, February 2007, ISSN 1991-8755, Indexing: 07.81% (Acceptance Rate)
- [6] **Azlinah Mohamed**, Sofianita Mutalib, Noor Habibah Arshad, *Batu Aceh Typology Identification*, In: Zadeh, L., Goldenberg, A.A., Aggarwal, A., Yager, R., Sandberg, I.W. (eds.) *Lecture Notes In Computational Intelligence: Artificial Intelligence Series: A Series of Reference Books and Textbooks*, pp. 37-42, June 2007, ISBN: 978-960-8457-81-2, ISSN: 1790-5109
- [7] Shuzlina Abdul Rahman, Izham Fariz Ahmad Jinan, Ku Shairah Jazahanim, **Azlinah Mohamed**, *Intelligent Water Dispersal Controller Using Mamdani Approach* In: Zadeh, L., Goldenberg, A.A., Aggarwal, A., Yager, R., Sandberg, I.W. (eds.) *Lecture Notes In Computational Intelligence: Artificial Intelligence Series: A Series of Reference Books and Textbooks*, pp. 154-159, June 2007, ISBN: 978-960-8457-81-2
- [8] **Azlinah Mohamed**, Marina Yusoff, Sofianita Mutalib, Shuzlina Abdul Rahman, *Modified Branch and Bound Algorithm*, In: Zadeh, L., Goldenberg, A.A., Aggarwal, A., Yager, R., Sandberg, I.W. (eds.) *Lecture Notes In Computational Intelligence: Artificial Intelligence Series: A Series of Reference Books and Textbooks*, pp. 273-278, June 2007, ISBN: 978-960-8457-81-2
- [9] Noor Habibah Arshad, Yap May-Lin, **Azlinah Mohamed**, Sallehuddin Affandi, *Inherent Risks in ICT Outsourcing Projects*, *Studies in Simulation and Modelling*, In: Zadeh, L., Goldenberg, A.A., Aggarwal, A., Yager, R., Sandberg, I.W. (eds.) *Studies in Simulation and Modelling: Mathematics and Computers in Science and Engineering: A Series of Reference Books and Textbooks*, pp. 141-146, June 2007, ISBN: 978-960-8457-82-9, ISSN: 1790-5117
- [10] Sofianita Mutalib, Shuzlina Abdul Rahman, Marina Yusoff, **Azlinah Mohamed**, *Personality Analysis Based On Letter 't' Using Back Propagation Neural Network*, *The International Conference on Electrical Engineering and Informatics (ICEEI '07)*, vol 1, pp. 496 – 499, Institut Teknologi Bandung, Bandung, Indonesia, Jun 17 – 19, 2007, ISBN: 978-979-16338-0-2
- [11] Marina Yusoff, Shuzlina Abdul Rahman, Sofianita Mutalib, **Azlinah Mohamed**, *Kohonen Neural Network Performance in License Plate Number Identification*, *The International Conference on Electrical Engineering and Informatics (ICEEI '07)*, vol 1, pp. 512 – 515, Institut Teknologi Bandung, Bandung, Indonesia, Jun 17 – 19, 2007, ISBN: 978-979-16338-0-2
- [12] Shuzlina Abdul Rahman, Marina Yusoff, Sofianita Mutalib, **Azlinah Mohamed**, *Comparative Anaylsis between Artificial Neural Networks and Statistical Techniques in Bioinformatics*, *The International Conference on Electrical Engineering and Informatics (ICEEI '07)*, vol 2, pp. 677 – 679, Institut Teknologi Bandung, Bandung, Indonesia, Jun 17 – 19, 2007, ISBN: 978-979-16338-0-2
- [13] Syaripah Ruzaini Hj Syed Aris, Noor Habibah Arshad, **Azlinah Mohamed**, *Preliminary Study on Risk Management in E-Government Outsourcing Projects*, 6th WSEAS International Conference (E-Activities) 2007, pp. 359 – 364, Tenerife, Canary Islands, Spain, Dec 14-16, 2007 ISBN: 960-8457-57-2, ISSN: 1790-5117
- [14] Noor Habibah, Fauziah Ahmad, Norjansalika Janom and **Azlinah Mohamed**, *Service Quality in Internet Retailing: A Study on Land Transportation Services*, 6th WSEAS International Conference

(E-Activities) 2007, pp. 106 – 111, Tenerife, Canary Islands, Spain, Dec 14-16, 2007 ISBN: 960-8457-57-2, ISSN: 1790-5117

PUBLICATIONS FOR 2006

- [1] **Azlinah Hj. Mohamed**, Mohd Haris Shukri Bin Jahabar, *Implementation and Comparison of Inductive Learning Algorithms on Timetabling*, International Journal of Information Technology, vol. 12, no. 7, pp. 97-113, 2006
- [2] Noor Habibah Arshad, **Azlinah Mohamed** and Zaiha Mat Nor, *Risk Management Practices in Malaysia's Public Sector*, *WSEAS Transactions on Business and Economics*, Issue 7, Vol. 3, pp. 534 – 541, July 2006 ISSN 1109-9526 SCImago (Journal Rank) = to be announced, Indexing: 09.69% (Acceptance Rate)
- [3] Marina Yusoff, **Azlinah Mohamed**, *Competency Requirement in Information System Engineering Program*, International Conference on Technology Management, KUITHO, December 2006
- [4] Shuzlina Abdul Rahman, Izham Fariz Ahmad Jinan, **Azlinah Mohamed**, *Development of Job Matching Expert System Using Fuzzy MADM (Multiple Attribute Decision Making)*, 3rd International Conference on Artificial Intelligence in Engineering and Technology ICAET, UMS, 22- 24 Nov 2006
- [5] Noor Habibah, **Azlinah Mohamed**, Zaiha Mat Nor, *The Extent of Risk Management Practices in E-Government Projects*, 5th WSEAS International Conference on E-Activities 2006, pp. 229 – 234, Venice, Italy, Nov 20 - 22, 2006, ISBN: 960-8457-56-4 ISSN: 1790-5095
- [6] Sofianita Mutalib, Shuzlina Abdul Rahman, Marina Yusoff, **Azlinah Mohamed**, *Towards Employing Data Mining Tools in Security Center Database*, International Conference on Business IT (BIZIT'06), Crown Princess KL, Aug 2006, ISBN: 983-3643-47-7
- [7] Wan Noor Ashikin Wan Abdullah, **Azlinah Mohamed**, Noor Habibah Arshad, *The Usage of Executive Information Systems as a Decision Making Tool in Banking Industries*, International Conference on Business IT (BIZIT'06), Crown Princess KL, Aug 2006, ISBN: 983-3643-47-7
- [8] Shuzlina Abdul Rahman, Sofianita Mutalib, Marina Yusoff, **Azlinah Mohamed**, *Feng Shui Garden Adviser System (FengShuiGAS)*, Knowledge Management International Conference and Exhibition (KMICE'06), pp. 570 – 575, UUM, 8 Jun 2006
- [9] **Azlinah Mohamed**, Noor Habibah Arshad, *Intelligent Risk Management (IRMS)*, 1st European Union and Southeast Asia Information Technology Research Collaboration Conference by European Commission: ENGAGE FP6, March 28 – April 1, 2006, Manila

PUBLICATIONS FOR 2005

- [1] Sofianita Mutalib, **Azlinah Mohamed**, Shuzlina Abdul Rahman, *Modeling Home Budget Using Bayes' Theorem*, National Conference on Computer Science, Technology and Networking (CSTeN '05): Empowering the Foundations of Future Technology, Disember 6 -7, 2005, UiTM
- [2] Marina Yusoff, **Azlinah Mohamed**, Yusnita Md. Yunos, *Emotional Recognition in Neural Network Application*, National Conference on Computer Science, Technology and Networking (CSTeN '05): Empowering the Foundations of Future Technology, Disember 6 -7, 2005, UiTM
- [3] Shuzlina Abdul Rahman, **Azlinah Mohamed**, Marina Yusoff, *Analysis of Rules Extraction from Artificial Neural Networks in Terms of ITS Methods*, 3rd International Conference on IT & Multimedia (ICIMU '05): Advancing Knowledge-based Society Through IT & Multimedia, pp. Nov 22 – 24, 2005, UNITEN, ISBN: 983-42861-0-4
- [4] **Azlinah Mohamed**, Mohd Haris Shukri Bin Jahabar, *Implementation and Comparison of Inductive Learning Algorithms on Timetabling*, International Conference on Intelligent Computing: IEEE

Computational Intelligence Society and the Hong Kong Computational Intelligence Chapter, Aug 23 – 26, 2005, HeFei, China

- [5] Marina Yusoff, **Azlinah Mohamed**, Noraz Leley Muhammad, *Diagnosing Skin Disease Using Neural Network Technique*, International Science Congress (ISC) 2005, Module on ICT, pp. 334, August 3 – 6, 2005, PWTC, Kuala Lumpur
- [6] Sofianita Mutalib, **Azlinah Mohamed**, Nadia Mastor, Personality Analysis Based on Handwriting (Graphology) Using Neural Network, International Conference on Intelligent Systems (ICIS 2005), Dec 1 – 3, 2005, Sunway Lagoon Resort Hotel
- [7] Shuzlina Abdul Rahman, **Azlinah Mohamed**, *Connectionist Application in Forecasting the Business of Prepaid Mobile Telecommunications*, International Conference on Intelligent Systems (ICIS 2005), Dec 1 – 3, 2005, Sunway Lagoon Resort Hotel

AWARDS

- [1] Gold Medal for research in "Structured Document Classification and Verification (SDCV) Engine for Integrated Banking Solutions", IIDEX' 13, Authors: Hamam Mokayed, **Azlinah Mohamed**.
- [2] Gold Medal for research in "SNP Patterns Miner", IIDEX' 13, Authors: Sofianita Mutalib, Shuzlina Abdul Rahman & **Azlinah Mohamed**.
- [3] Gold Medal for research in "Wireless Mobile Attendance System (WMAS)", ITEX' 12, Authors: Dr Zolidah Kasiran, Dr Siti Salwa Salleh, **Azlinah Mohamed** & Mohd Hariz Naim.
- [4] Silver Medal for research in "Intelligent Automated Security SURveillance viDeo (iASSURED)", RIID 2012 Melaka, Authors: Mohd Razif Shamsuddin, **Azlinah Hj Mohamed**, Azhar Abdul Rasyid.
- [5] Research "MULTI-PARAMETRIC PECTIN LYASE-LIKE PROTEIN FUNCTION CLASSIFIER"
 - GOLD Medal from The Belgian and International Trade Fair for Technological Innovation, Eureka, Brussel, 19 -21 Nov 2009, Antarabangsa
 - Special Award from CPE, Eureka, Brussel, 19 -21 Nov 2009, Antarabangsa
 - SILVER Medal from ITEX'09, 25-27 Mei 2009, Kebangsaan
 - GOLD Medal from IRDC, 13-15 Jan 2009, UiTM
- [6] BRONZE Medal for research in "Electronic Signature Personality Analysis Tool (eSign PAT)", Pecipta'09, 8-10 Oct 2009
- [7] BRONZE Medal for research in "Online Competency Evaluation Tool Using Rasch Analysis (CETRA)", Pecipta'09, 8-10 Oct 2009
- [8] GOLD Medal for research in "INFORMATION PROFESSIONALS' COMPETENCY ASSESSMENT MODEL", IRDC UiTM, 13-15 Jan 2009
- [9] SILVER Medal for research in "INTELLIGENT PERSONALITY ANALYSIS (iPAL)", IRDC UiTM, 13-15 Jan 2009
- [10] SILVER Medal for research in "FLASH FLOOD EVACUATION ROUTE PLANNING (FFERP)", IRDC UiTM, 13-15 Jan 2009
- [11] SILVER Medal for research in "INTELLIGENT GRAPHOLOGY", Invention, Innovation and Design, IRDC UiTM, 25-27 Mar 2008
- [12] The Best Quality Publication 2005, FTMSK UiTM
- [13] The Best Quality Publication 2004, FTMSK UiTM
- [14] Outstanding Service Award, UiTM, 2004
- [15] Outstanding Service Award, UiTM, 2003

[16] Outstanding Service Award, UiTM, 2001

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Num	Product	Date of Registration	Registration Company	Gross Profit (RM)
1	eSign PAT	Sept 2009	UiTM	Tiada
2	CETRAAn	Sept 2009	UiTM	Tiada

PROFESSIONAL BODIES

Num	Name of Professional Body	Position	Duration	Level
1	Malaysia Information Technology Society (MITS)	Member	2008 - till now	National
2	Malaysia Information Technology Society (MITS)			
2	Lembaga Akreditasi Negara/Malaysia Quality Assurance	Panel	2001 - till now	National
3	World Scientific Engineering Academy and Society, Unifying the Science	Member	2006 - till now	International

EXPERTISE

- [1] External Assessor for Monitoring GUP Research Project (University Research Grant), UKM, Jan 21 – 23, 2009
- [2] External Examiner to Evaluate Masters Thesis on Information Technology, UKM, Dec 24, 2008
- [3] Article Assessor for International Symposium on Information Technology 2008, May 2008
- [4] External Examiner to Evaluate the thesis for Doctor of Philosophy Degree, UKM, April 2008
- [5] International Program Committee for 1st IEEE International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2008), April 2008
- [6] Article Assessor for The 2008 International Conference on Computational Science and Its Applications, March 2008
- [7] Article Assessor for World Scientific and Engineering Academy and Society (WSEAS), April 2007
- [8] External Examiner for Taught Awards, Oct 2006
- [9] Research Paper Reviewer for International Conference on Business IT (BIZIT '06), August 2006
- [10] Track Session Chairman for Presentation for International Conference on Business IT (BIZIT '06), August 2006
- [11] Panel Judge for Proposal Paper under the Science Fund program in the ICT field, Research, Development and Commercialization Institute, 2006
- [12] Education Board Member International College of Technology (CICT), 2006

- [13] Thesis Examiner for MScIT, UiTM/Telekom Program, FTMSK, UiTM, 2008
- [14] Speaker for a Course on Academician – Roles and Expectations, Business Management Faculty, UiTM, 2007
- [15] Panel Judge for Vice Chancellor Quality Award, Institute of Quality and Knowledge Development, 2006
- [16] Panel Judge for Journal, Research, Development and Commercialization Institute, 2005
- [17] Panel Judge for Proposal Paper in Computer Science Research work, Research, Development and Commercialization Institute, 2005
- [18] Presented a Working Paper on Information Technology Research and Supervision Seminar in Academic Program, System Sciences Centre of Learning, Faculty of Information Technology and Quantitative Sciences, 2004
- [19] Examiner for Masters candidate, UiTM, Institute of Graduate Studies, UiTM, 2004
- [20] Speaker for Computer Science Monthly Celebration, UiTM Perlis, 2004
- [21] Panel Judge for CSSR 2002 – 2007 Proceeding Paper, Research, Development and Commercialization Inst, 2007
- [22] Panel Judge - FTMSK Journal, 2002.

RESEARCH COLLABORATIONS

Research Collaborations	Year
The research on Biologically Inspired Intrusion Detection System Model is currently ongoing. This research belongs to the group from USIM which are experts in Intrusion Detection System from USIM and Intelligent Systems from UiTM	2010-2012
The research on Optimizing Evacuation Modeling Using Heuristic Approach in Flood Emergency Planning and Response is finished. Research involves a combination of experts from Flood Management and Intelligent Systems and also National Security Department. We are currently expanding this research into Dynamic Vehicle Routing Problem. <u>Result:</u> We have 2 PhD students who have registered and is now in the process of completing their Proposal.	2007-2012
Research on Water Spraying Control System using Fuzzy Technique for Plant Management is now in the process of securing financing from FELDA Research Grant. This research involves collaboration from Felda Plantations Sdn Bhd and a team of experts from the Intelligent Systems field. <u>Result:</u> A briefing session was conducted to the Felda Plantations Sdn. Bhd on the research content and how it will benefit the Felda specifically and the Country generally.	2007 – 2009
An Artificial Intelligence Advisor for Telephony AppGen and Network Intelligent Agent (TANIA) Project. Collaboration with Viztel Solutions Berhad. <u>Result:</u> A briefing on Artificial Intelligence field was conducted after obtaining the approval from the university.	2007 – 2008
The Intelligent Graphology Research shows an initiative collaboration between Intelligent Systems experts from FTMSK, UiTM and Psychology experts of IIUM with data collected from INTAN, Malaysia. This is a joint together of two (2) disciplines in the Science and Social Sciences field. It is a new discovery that merges systems and personality characteristics through signature.	2006-2008

Result: Completed with 2 MSc Students by Research and 2 MSc Students by Dissertation	
As an expert in the Intelligent Systems to Pioneer in the Usage of Fiber Optic Detector in the Warning System for Landslide at Taman Hillview, Ampang Project. Collaboration between Public Works Department (PWD) and Photronix Technologies (M) S/B Hasil: Successfully built one system that is known as Hill Slope Early Warning Decision Systems. It is now being used by PWD to determine land stability in the Taman Hillview, Ampang.	2006-2007
The Intelligent Risk Management System (IRMS) Project was presented at the Southeast Asia Information Technology Research Collaboration Conference level in Manila in order to secure the European Union Research Grant. Hasil: Was invited to present the IRMS project. The accommodation and food expenses were borned by the sponsor that is ENGAGE FP6.	2006
A course on Information Technology for employees of HICOM Communications Sdn Bhd. Result: Conducted a lecture and briefing pertaining to the Development and Usage of Information Technology in the World Today. The lecture/briefing was given free of charge. This is because HICOM has contributed a lot to the Faculty before this.	2005 – 2006
The Integrated Intelligent Diagnosis Systems Project was held for the purpose of contributing the knowledge in Decision Support Systems and Intelligent Systems field. Result: During this research, the researcher was able to form a business relationship with an outside industry, which is ADVIS Sdn Bhd and Royal Malaysian Air Force.	2002

SERVICE TO THE UNIVERSITY/COMMUNITY

Date(s)	Position	Department/Faculty/Committee/Bodies/Institution	Description of Role & Contribution
Jan2012 – till now	Dean of the Faculty of Computer and Mathematical Sciences	University	Planning and overlooking the academic, student directions and linkages of the faculty
Jan 2010 – Dec 2011	Special Officer to the Vice Chancellor	Chancellery	Planning and overlooking the academic directions and linkages of the university
June 3, 2009	Panel Judge	FSKM, UiTM	Re-assessment of the working paper presented during CSSR '08 & '09 <u>Contribution:</u> Was the assessor for the working paper that was presented during the CSSR '08 & '09
May 21, 2009	Panel Judge	Working Paper on the Research of Excellence	Was the assessor on the working paper for the research of excellence

		Fund Grant	fund grant
May 19, 2009	Panel	Faculty	Colloquium Panel for the 18 th Post Graduate Session
April 1, 2009	Second Examiner	Faculty	Second Examiner for ITS562, ITS660 and ITS661 papers.
Dec 2008 – April 2009 and July 2009 – Oct 2009	Second Examiner	Faculty	Second Examiner for ITS562, ITS660 and ITS661 papers.
Dec 18, 2008	Assessor	University	Assessor on the working paper for Fuzzy Book : From Fuzzy to Applications that was sponsored by Mathematics Learning Centre, FTMSK UiTM.
Dec 16, 2008	Assessor	University	Assessor on the working paper for National Seminar on Fuzzy Theory and Applications which was sponsored by Mathematics Learning Centre, FTMSK UiTM.
Nov 26, 2008	Panel	Faculty	Colloquium Panel for the 17 th Post Graduate Session
Oct 21, 2008	Panel Judge	Working Paper on the Research of Excellence Fund Grant	Assessor on the working paper for the research of excellence fund grant.
Aug 7, 2008	Participant	FSKM, UiTM	Attended the General Meeting of the Artificial Intelligence Society.
June 8 – 14, 2008	Lead Group Assessor/ Assessor	University	Acted as Lead Assessor and Assessor for Group 421 at the TK4 stage.
July 2008 – Oct 2008	Second Examiner	Faculty	Second Examiner for ITS562, ITS660 and ITS661 papers.
May 23, 2008	Assessor	University	As the Assessor for the Science Fund Research Proposal Paper.
May 21, 2008	Panel	Faculty	Colloquium Panel for the 16th Post Graduate Session
April 17, 2008	Committee Member	University	Committee Member for the Assessment of the Lecturers' Performance Criteria.
April 5, 2008	Presenter	Faculty	Presented a paper on Artificial Intelligence: Future Directions, to the students of FTMSK especially those in CS223 program
Jan – April 2008	Second Examiner	Faculty	Second Examiner for ITS562 and ITS664 papers.
Feb 28, 2008	Committee Member	University	Committee Member for UiTM Academic Conference 2008 sponsored by HEA.
Feb 27, 2008	Panel	University	Presentation Panel for Research Proposal on Philosophical Doctorate (CS990).
Nov 19, 2007	Panel	Faculty	Colloquium Panel for the 15th Post Graduate Session
Aug 1, 2007	Committee Member	UiTM Academic Staff Promotion Policy, UiTM	Discussion on the promotion policy. Contribution: Strengthen the Draft Proposal for Academic Staff Promotion Policy.
July 28, 2007	Launching of Mathematics Day	University	Launched and gave away prizes for Mathematics Day Excellence Award.

July 18, 2007	Committee Member	National Technical Plan Integrity Committee UiTM	Discussed on the effectiveness improvement of the academic delivery service system.
July 2, 2007	Workshop Member	Workshop on Curriculum Revision for Sciences System Learning Centre 2007	Participated in the briefing on Outcome Based Education and involved in drafting and presenting the new curriculum structure for CS223 program together with preparing the learning outcomes for the course and program.
June 27 – 29, 2007	Chairman	Final Year Project Adjustment Workshop, FTMSK	Made adjustment on the final year project for Information Technology field. Contribution: produced a standard adjustment format for final year projects for all Information Technology programs.
June 4, 2007	Committee Member	Committee Member for Curriculum Re-assessment for CS223 Program	Re-assessed all curriculums for CS223 program. Contribution: Gave ideas and discussed on the existing academic regulations and proposed on the changes needed for the CS223 Program Curriculum.
May 21, 2007	Panel Member	Lecturers' Interview Session Information Technology & Quantitative Sciences Faculty	Contribution: Interview panel for new lecturers of Information Technology & Quantitative Sciences Faculty
May 7, 2007	Committee Member	National Integrity Plan Committee at University level, UiTM	Some of the functions are to ascertain the objectives, planned for activities, ensuring the implementation, monitor the activity and evaluate the effectiveness. Contribution: Gave ideas on objectives setting, planned for activities, implementation and monitoring activities.
Feb 21, 2007	Panel Judge	Defense of Research Proposal by Institute of Graduate Studies.	Evaluate a candidate for Doctor of Philosophy by research. Contribution: <ul style="list-style-type: none"> Evaluate the proposal given by looking at the suitability of the title, objectives, methodology, scope, research questions, literature review etc.
Nov 27, 2006	Committee Member	Re-assessment of the Academic Regulations UiTM	Re-assessed the Academic Regulations. Contribution: An updated Academic Regulations has been established.
Nov 3, 2006	Committee Member	Interview Session for the Young Lecturers Sciences System Learning Centre	Contribution: Was in the interview panel for the young lecturers for Sciences System's field.
Sept 7, 2006	Committee Member	Drafting of the Principles & Policies of Academic Duty (ATA)	Re-assessed the principles and policies of ATA. Contribution: An updated ATA Principles and Policies have been established.
Aug 28, 2006	Committee	International Business	Involved in the secretariat for the

	Member	Information Technology Conference (BIZIT' 06), FTMSK	BIZIT'06 conference that was held from 08 – 10 Aug 2006, at the Crown Princess Hotel, KL Contribution: Deputy Chairman II
Aug 24, 2006	Workshop Member	Leadership Course - Think Positive Talk Possitive, ILQAM	Learnt about a more healthy and effective leadership system.
Aug 18, 2006	Committee Member	Committee Member for iSIS PSMB System Adjustment	Identified, assessed and also offered a suitable and comprehensive action plan in handling the problems arose in the iSIS 67system. Contribution: <ul style="list-style-type: none"> • Decide on the group of experts to assess the 32system. • Organized frequent meetings with PSMB and expert group. • Assisted in hastening the process in getting the software, equipment and technical staff in helping to keep iSIS in order. • Monitor the expert group development and cooperation from the PSMB side.
May 22, 2006	Committee Member	Re-assessment of the Academic Regulations Committee UiTM	Re-assessed the UiTM academic regulations. Contribution: Gave suggestions and discussed on the existing academic regulations and then gave suggestions for improvement on the regulations.
May 16, 2006	Committee Member	Interview Session for Lecturers in Sciences System field	Contribution: As the interview panel for new lecturers in the sciences system field.
May 6, 2006	Committee Member	Re-assessment of the Diploma in Computer Science (CS110) Curriculum Workshop	Re-assessed the Diploma in Computer Science (CS110) curriculum. Contribution: Gave suggestions and discussed on the existing academic regulations and then gave suggestions for improvement on the Diploma in Computer Science (CS110) curriculum.
April 26, 2006	Workshop Member	Best Practices Sharing Workshop to Improve the Competitiveness among IPTA in Malaysia	The purpose is to make the IPTA more competitive and increase the quality in their teaching techniques. Contribution: Share experiences in Best Practices Sharing in UiTM
April 5, 2006	Workshop Member	Re-assessment on the UiTM Academic Structure, Functions and Activities Workshop	Amongst the functions are to prepare a document, listing the functions, duties and authorities of the Manager and Academic Administration, to set the duties for the lecturers, to set the KPIs based on position grades and to prepare the guidelines and procedures for hiring Academic Management team. Contribution: Checked the existing documents discussed on the

			existing ATA and proposed percentage for lecturers based on position grades. Discussed and suggested an improved action plans.
Mar 13, 2006	Deputy Chairman	UiTM's International Conference of Vice Chancellors 2006 (UiCVC)	Contribution: To synchronize and monitor the smooth running of the conference and MoU between UiTM and 12 other international universities.
February 13 – 16, 2006	Workshop Member	Workshop on KPI and Performance Measurement for IPTA	Learnt about KPI and performance measurement for IPTA. Contribution: Discussed and produced UiTM's KPI and its measurement.
February 10, 2006	Panel Judge	Defense of Research Proposal by Institute of Graduate Studies	Evaluate a candidate for Doctor of Philosophy by research. Contribution: Evaluate the proposal given by looking at the suitability of the title, objectives, methodology, scope, research questions, literature review etc.
February 10, 2006	Workshop Member	Research Workshop, Applied Sciences Faculty (ASF)	Participated in the Research Workshop ASF for joint research purposes. Contribution: Foster interdiscipline research with ASF.
December 18 – 20, 2005	Workshop Member	Workshop on Competitiveness for IPTA by Malaysia Productivity Corporation (MPC)	Discussed on issues pertaining to achievements and readiness of IPTA in the education industry. Contribution: represented the University in the discussion.
December 6 – 7, 2005	Abstract Panel Judge	Computer Science Centre and Data Communication and Network Conference	Assessed the abstract pertaining to computer science field and the 69system science.
Nov 16, 2005	Interviewing Panel Chairman	Young Lecturers' Interviewing Session Information Technology & Quantitative Sciences Faculty	Contribution: Interviewing panel for young lecturers for the Information Technology & Quantitative Sciences Faculty
September 8 – 9, 2005	Workshop Member	Workshop on Introductory Management and Data Analysis using SPSS, FTMSK	Learnt how to use SPSS in analyzing data. Contribution: Produced high quality writings and analysis.
Aug 9, 2005	Panel Judge	Defense of Research Proposal by Institute of Graduate Studies	Assessed a candidate for Masters by research. Contribution: <ul style="list-style-type: none"> Evaluate the proposal given by looking at the suitability of the title, objectives, methodology, scope, research questions, literature review, etc.
June 17, 2005	Workshop Member	Workshop on Draft Improvisation of the Minimum Standard of Assessment Form/Course	Re-assessed the Minimum Standard of Assessment Form and Course Accreditation Validation. Contribution: Proposed improvements on the existing form.

		Accreditation Validation in IPTS	
June 1, 2005	Panel Member	Lecturers Interview Session Information Technology & Quantitative Sciences Faculty	Contribution: Interviewing panel for new lecturers for the Information Technology & Quantitative Sciences Faculty
May 18 – 20, 2005	Workshop Member	Writing Foundation Workshop by FTMSK with the cooperation of UPENA	Learnt about the writing foundation. Contribution: Produced high quality writings.
May 17, 2005	Workshop Member	e-Learning Application Control Workshop by ILQaM	Introduced the e-Learning application control techniques. Contribution: As a participant.
April 25, 2005	Workshop Member	Artificial Intelligence and Image Processing Workshop, FTMSK	Introduced the latest techniques and tools in the Artificial Intelligence field and Image Processing". Contribution: As a participant.
Nov 1, 2005 – Oct 31, 2007	Head	Academic Affairs Department	Built the policies and to foster and strengthen UiTM international affairs.
October 14, 2004	Workshop Member	Seminar on Consultancy Practices, ProTRAD, FTMSK and IRDC, UiTM	Learnt about the foundation and procedures of negotiating. Contribution: Able to conduct negotiation amicably by following the procedures set by UiTM.
September 27, 2004	Workshop Member	Test Drive MATHLAB 7 & SIMULINK 6 Workshop Techsource Systems Sdn. Bhd.	Introduced the latest techniques and tools in the Artificial Intelligence field and Image Processing". Contribution: As a participant.
July 26, 2004	Panel Judge	Defense of Research Proposal by Institute of Graduate Studies	Assessed a candidate for Doctor of Philosophy by research. Contribution: Evaluate the proposal given by looking at the suitability of the title, objectives, methodology, scope, research questions, literature review, etc.
May 25, 2004	Working Paper Presenter	Workshop on Information Technology Control in Academic Programs, FTMSK	Presented a working paper entitled Research Process and Literature Review. Contribution: Prepared and presented a working paper to all Sciences System's lectures.
April 23, 2004	Committee Member	Working team for Examination Affairs Meeting together with UiTM Alliance Colleges and UiTM Learning Collaboration Centre	Contribution: Participated and got involved in the discussion pertaining to examination affairs together with alliance colleges and contributed in organizing a meeting and signing ceremony for Academic Venture Agreement.
January 30, 2004	Specialist in Decision Support Systems and Intelligent System field	Implementation of Masters in Science (Computer Sciences), FTMSK	Set up the Course/Program Code, Course Name and Study Plan. Contribution: Gave input for the course and course code that can be shared with Computer Sciences Learning Centre especially in the Decision Support Systems dan Intelligent System.

January 12 -13, 2004	Workshop Member	Multi-agent Systems and Applications Workshop, TECKBAC Australia	Introduced the latest techniques and tools in the Artificial Intelligence field and Image Processing". Contribution: As a participant.
June 1, 2004 – May 31, 2006	Co-ordinator	M.Sc. Program (Information Technology) in collaboration with Telekom Research & Development Sdn. Bhd. (TMR&D) in FTMSK	Contribution: Managed the Masters student of TMR&D from registration, scheduling, choosing of lecturers/supervisor and marking process for the student.
Feb 15, 2004 – Feb 14, 2006	Co-ordinator	Collaboration Program at FTMSK	Contribution: Executed administrative duties that involved the Faculty and Alliance College that offers programs from the Faculty.
October 8, 2003	Interviewer Panel	Interview for Application Intake for June 2003 Session, Program CS780/CS990, FTMSK	Contribution: Decided the eligibility of the applicant based on the suitability of the research field applied.
Aug 12, 2003	Workshop Member	S-PLUS Fundamental Training Workshop	Learnt about the usage of S-PLUS in data analyzing. Contribution: Produced high quality writings and analysis.
May 20-21, 2003	Panel Member	Institute of Graduate Studies, UiTM	Assessed a candidate for Masters/Doctor of Philosophy by research. Contribution: Evaluate the proposal given by looking at the suitability of the title, objectives, methodology, scope, research questions, literature review, etc.
April 23, 2003	Interviewer Panel	Interview for Application Intake for June 2003 Session, Program CS780/CS990, FTMSK	Contribution: Decided the eligibility of the applicant based on the suitability of the research field applied.
January 27 – 28, 2003	Workshop Member	Research Workshop, co-sponsored by Research and Consultation Bureau with FTMSK	Pertaining to the process and procedure in obtaining and executing a research. Contribution: Strategized in order to obtain and execute research at faculty level.
May 14, 2002	Workshop Member	Facial Reconstruction, Anthropology and Identification Workshop 2, FTMSK	Discussed on projects that can be produced under the title of Facial Reconstruction, Anthropology and Identification. Contribution: Contributed expertise in the Artificial Intelligence field especially Recognition.
May 2, 2002	Workshop Member	Facial Reconstruction, Anthropology and Identification Workshop, FTMSK	Discussed on projects that can be produced under the title of Facial Reconstruction, Anthropology and Identification. Contribution: Contributed expertise in the Artificial Intelligence field especially Recognition.
Sept 14, 2001	Committee Member	Construction of FTMSK Building at Puncak Alam Campus, FTMSK	Planned for the things needed for the new FTMSK building in Puncak Alam Campus.

			Contribution: Proposed and planned for the things needed for the Sciences System Learning Centre.
Feb 1, 2001	Committee Member	Computer Hardware and Software Specification, Sciences System field, FTMSK	Prepared a detailed list of computer hardware and software specification based on the 2002 budget. Contribution: Prepared a detailed list of computer hardware and software specification for the Sciences System field.
Feb 1, 2001 – Jan 31, 2003	Committee Member	Professional Training, Research and Development Center, ProTRAD	Promoted the expertise of the faculty staff to the inside and outside community of UiTM, fostered interest in research among the staff, consultation and professional training and created fund for the Faculty. Contribution: promote the expertise of the faculty staff to all in UiTM and built relationship with the industries to encourage consultation.
Jan 1, 2001- Dec 31, 2003	Committee Member	Editorial Board of Journal FTMSK	Did publicity, chose, edit article, produced, managed the production and distribution of journals. Contribution: involved in the publicity and editing of journals.terlibat