



CURRICULUM VITAE



I. PERSONAL PARTICULARS

Name	DR SYAHANEIM MARZUKHI
Current Position	PROFESSOR MADYA
Faculty / Department	FAKULTI SAINS DAN TEKNOLOGI PERTAHANAN, UPNM DAN FELO PENYELIDIK PUSAT KESELAMATAN SIBER, UPNM

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

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

Year	Degree	Discipline	University
1998	Bachelor Of Information Technology With Honor.	IT	Universiti Utara Malaysia (UUM), Sintok, Kedah.
1999	Advanced Certificate In Work Experience at British Aerospace.	IT	University of Cambridge, UK.
1999	English for Speakers of Other Languages from Pitman Examinations Institute.	English	Wigan and Leigh College, Greater Manchester, UK.
1999	The Further and Adult Education Teachers' Certificate (City & Guild 307) (The City and Guilds of London Institute).	Adult Education	Wigan and Leigh College, Greater Manchester, UK.
2004	Master Of Science In Information Technology.	IT	UiTM, Shah Alam, Selangor, Malaysia.
2008	Computer Hacking Forensics (CHFI) Certification	Digital Forensics	EC-Council Academy
2010	IELTS	English	IDP: IELTS Australia.
2014	EC-Council Network Security Administrator (ENSA) Certification	Network Security	EC-Council Academy, USA
2014	PhD in Computer Science.	Computer Science	Victoria University of Wellington, New Zealand.
2016	Certificate of R for Data Science	Data Science	Centre for Modelling and Data Analysis (DELTA), UKM
2017	Certified RapidMiner Analyst	Data Science	RapidMiner, USA
2017	Certified Foundations of Digital Forensic with EnCase	Digital Forensic	Guidance Software, USA
2017	Southeast Asian Scholars for Higher Education Leadership (SEASHEL)	Leadership	AKEPT, Malaysia
2018	Strategic Leadership Programme Malaysia	Leadership	Defence Academy of UK, Cranfield University, UK
2018	Southeast Asian Scholars for Higher Education Leadership (SEASHEL)	Leadership	AKEPT, Malaysia
2018	Certificate of Digital Forensic Introduction Course	Digital Forensic	Prisma Khas Sdn. Bhd. , Malaysia
2019	Image Processing with Python	Image Processing	Institute of Visual Informatics (IVI), UKM, Malaysia

III. TITLES OF POSTGRADUATE THESES WRITTEN (At MSc/PhD Level)

No.	TITLES OF POSTGRADUATE THESES
	Three-Cornered Coevolution Learning Classifier Systems for Classification.

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

Year	Position	Organisation	Start and End Date
2000 - 2005	Engineering Instructor / IT Instructor	IT	UniKL-British Malaysian Institute (BMI) Gombak, Selangor.
2006 - 2007	Lecturer	IT	Cosmopoint International University College (CiUC), Jln Raja Laut, KL.
2007-present	Senior Lecturer	Computer Science	National Defense University Malaysia (NDUM), Kem Sg.Besi, KL.

1.0 TEACHING AND SUPERVISION

1.1 Postgraduate Courses

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

No.	Course Title	Semester	Year
1	Digital Forensic (Shadow Lecturer – MSc Cyber Security and Management, Univ of Warwick, UK)		2018 – till present

1.2 First Degree Courses

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

No.	Course Title	Semester	Year
1	Web Programming and Development		2007- present
2	Computer Graphics (Java)		2007/2008
3	Multimedia (Macromedia)		2007/2008
4	Human Resource Information System		2007/2008
5	Artificial Intelligence		2009/2010
6	Object Oriented Programming (C++ and Java)		2009/2010
7	Fundamentals Programming (C++ and Java)		2009/2010
8	Computing I (C and C++)		2009/2010
9	Digital Forensic		2014 - present
10	System Analysis and Design		2014 - present
11	Data Structures (Java)		2014 - present
12	Data Mining		2016 - present
13	Database Systems		2016 - present
14	Big Data Analytics and Development		2019 - present

1.3 Diploma Courses

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

No.	Course Title	Semester	Year

1.4 Pre-Degree Courses

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

No.	Course Title	Semester	Year

1.5 PhD Supervision

(Please list in chronological order)

No	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status <ul style="list-style-type: none"> • Completed • Submitted • In Progress 	University
1	Nur Hidayah bt Daud	Decision Support System for the Malaysian United Nations Military Observers (UNMO) using Clustering Technique.	2017	Main supervision	In Progress	UPNM

1.6 PhD External/Internal Examination

(Please list in chronological order)

No.	Name of Student	Project Title	External / Internal	Date of Viva	University

1.7 MSc (by Research)

(Please list in chronological order)

No	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status <ul style="list-style-type: none"> • Completed • Submitted • In Progress 	University
1	Nor Wahidah bt. Zailan	Optimal Grid Pattern Model For Search And Rescue In Dipterocarp Forest.	2014/2015	Co-Supervision	Completed	UPNM
2	Nurshamimi bt Che Anuar	Framework Of Determining Malware Factors Of A Suspicious Files Based On Its Behaviors.	2014/2015	Co-Supervision	Completed	UPNM
3	Siti Nur Alidda bt. Mohd Ghazali	A Framework Of Command And Control For Maritime Search And Rescue Operation Using Autonomous UAV.	2014/2015	Co-Supervision	Completed	UPNM
4	Nursyafeera Azeera bt. Ibrahim	Recovery Oriented Computing For Mission Critical Client-Server Communication For Search And Rescue Operation.	2017/2018	Main supervision	Completed	UPNM
5	Ahmad Fudhail Iyad b. Mohd Zainudin	Security Assessment Framework For Detecting Threats In The IOT based Smart Home.	2020	Co-Supervision	Completed	UPNM

1.8 MSc External/Internal Examination

(Please list in chronological order)

No.	Name of Student	Project Title	External / Internal	Date of Viva	University
1	Tiliza Awang bt. Mat	Assisted Assessment Algorithm for Higher Level Cognitive Competency Via Short Free Text Answer.	External	8 Aug 2018	UNIKL-MIIT

1.9 Supervision (Postgraduate Research Project or Final Year Research Project)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main/Co-Supervision)	Status <ul style="list-style-type: none"> • Completed • Submitted • In Progress
1	Murni bt. Ibrahim	Sistem Maklumat Pengurusan Tuntutan Kewangan Di ATMA Berasaskan Web.	2007	Main supervision	Completed
2	Mohd Ariff b. Aziz	Protaip Penggunaan IP PBX.	2007	Main supervision	Completed
3	Ahmad Fazrin b. Mohd Jelas	Sistem Pengurusan Kuartermaster UPNM Untuk Stor Pakai Habis.	2008	Main supervision	Completed
4	Samuel Ng Chen Ying	Sistem Pengawalan Prototaip Kereta Tanpa Manusia.	2008	Main supervision	Completed
5	Nurhaseema bt. Mohd Basheer	Sistem Permohonan Dan Pengurusan Kursus Di PULPAK Berasaskan Web.	2008	Main supervision	Completed
6	Noraini bt. Tumin	Sistem Pengurusan Gaji Pegawai Kadet Dan Staf ALK UPNM.	2008	Main supervision	Completed
7	Nuhafizah bt. Redzuan	Sistem Maklumat Operasi Untuk Kegunaan Di Pangkalan Udara KL.	2009	Main supervision	Completed
8	Luqman Hakim bin Ibrahim	Sistem Penjadualan Latihan Ketenteraan Pintar Di Pusat Latihan Pegawai KTU.	2009	Main supervision	Completed
9	Asmalina Fiona bt. Ahshari	Sistem Senggaraan Kenderaan Jenis A Unit 19 RAMD (MEK) Sacara Atas Talian.	2009	Main supervision	Completed
10	Azniza bt. Mohamad	Sistem Penjadualan Kelas Akademik Sepanjang Tahun Di MTD.	2009	Main supervision	Completed
11	Ahmad Shazni bin Mohammad Shah	Marning.Laware Detection Using Machine Learning.	2014	Main supervision	Completed
12	Muhammad Izzuan bin Nawawai	Hebahan Jadual Waktu Dan Peperiksaan Pelajar Dalam Aplikasi Android (Easycampus).	2014	Main supervision	Completed
13	Muhammad Firdaus bin Sulaiman	Sistem Menjana Soalan Peperiksaan Secara Genetik Algoritma.	2014	Main supervision	Completed
14	Muhamad Al Amin bin Manah	Sistem Rekod Laporan Sakit Dan Pengurusan Pegigian Upnm Secara Atas Talian.	2014	Main supervision	Completed
15	Muhamad Aezizun bin Ab Alim	Sistem Pengurusan Bil Wisma Perwira.	2014	Main supervision	Completed
16	Fakhri bin Ahmad	Sistem Kiraan Jangkaan CGPA bagi JSK	2015	Main supervision	Completed

17	Nur Wahida bt. Che Khalid	Automatic Artificial Data Generator (disaster)	2015	Main supervision	Completed
18	Raja Asilah Hazwani bt. Raja Badly	Automatic Synthetic Data Generation (metereologi)	2015	Main supervision	Completed
19	Siti Intan Shafikah bt. Jaafar	Automatic Artificial Data Generation (metereologi)	2015	Main supervision	Completed
20	Ahmad Shahir bin Saat	Sistem Mengesan Kandungan Makanan Halal Haram Menggunakan Teknik OCR	2015	Main supervision	Completed
21	Wan Anas Wafiy bin Haji Wan Abdullah	Sistem Rekod Keluar Masuk Pelajar Upnm Menggunakan RFID (kad matrik)	2015	Main supervision	Completed
22	Muhammad Syahmi bin Kamarul Zaman	Portal Aduan MPP (PAMPP)	2015	Main supervision	Completed
23	Muhammad Affiq Izuddin Bin Zuraidi	Sistem Pengambilan Jubah Menggunakan Barkod (E-Jubah) Berserta Peringatan (Alert Sms)	2015	Main supervision	Completed
24	Nur Adibah bt. Mohd Zuki	Automatic Examination Questions Generator (various difficulty levels)	2015	Main supervision	Completed
25	Ahmad Aqim bin Hanafiah @ Abdul Fatah	Automatic Examination Questions Generator (with solutions)	2015	Main supervision	Completed
26	Muhammad Al-Qawiem bin Abdul Rani	Validasi Data Buatan Menggunakan Teknik Pengklompokan.	2016	Main supervision	Completed
27	Nur Syuhada bt. Bakri	Paperless Cadet Outing System for UPNM	2016	Main supervision	Completed
28	Nor Syahirah bt. Kamal Fitri	Sistem Pemantauan Aset Penyelidikan Pensyarah UPNM	2016	Main supervision	Completed
29	Muhammad Shafik bin A. Latif	Sistem Pengurusan Kelayakan Beret Maroon 17 Para	2017	Main supervision	Completed
30	Nazarul Akmal bin Mohd Padzil	Sistem Pengurusan Sayap Penerjunan Luar Negeri 17 PARA	2017	Main supervision	Completed
31	Anisya Natasya bt Kamaruddin	Sistem Koleksi Tesis PSM (e-PSM)	2018	Main supervision	Completed
32	Nur Fatihah bt. Abdul Aziz	Sistem e-Denda Pihak Pengurusan Asrama UPNM	2018	Main supervision	Completed
33	Muhamad Ariff Aiman bin Mohd Zin	Sistem Pengurusan Bukti Forensik Digital (PKS, UPNM)	2019	Main supervision	Completed
34	Putri Elieysa bt Jamaludin	Sistem Carian Tesis PJTI	2019	Main supervision	Completed
35	Siti Nur Ashiqin bt Jailani	Sistem Permohonan Asrama Puteri Dang Anum (APIDA)	2019	Main supervision	Completed

2.0 RESEARCH, PUBLICATION AND PRESENTATION

2.1 Research Projects

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

No	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
1	Intelligent Flood Detection System Using MMS Technology (RAGS).	DR SYAHANEIM MARZUKHI (PRINCIPAL) Dr Zuraini Zainol, Dr Mohd Afizi Mohd Shukran, AP Dr Omar Zakaria, AP Dr Nazri Ismail, Dr Haidawati Mohamad Nasir, Mohamad Abu Ubaidah Amir	2 years (Dis 2016- Nov 2017)	RM35,000	Completed
2	Context-based Keyword Pattern Clustering Analysis on Tacit Knowledge of Military Tactic Centre of Operations (RACE).	Dr Zuraini Zainol (Principal), DR SYAHANEIM MARZUKHI (MEMBER), Dr Puteri Nor Ellyza Nohuddin, Dr Mohd Afizi Mohd Shukran, AP Dr Omar Zakaria, AP Dr Abdullah Gani	3 years (Feb 2014- Jan 2017)	RM50,000	Completed
3	Development of Knowledge-Based Software With Enhanced Situational Awareness Analysis For Infantry Personnel (NGRS)	AP Dr Omar Zakaria (Principal), DR SYAHANEIM MARZUKHI (MEMBER), Dr Puteri Nor Ellyza Nohuddin, Dr Mohd Afizi Mohd Shukran, Dr Zuraini Zainol, AP Dr Nazri Ismail	5 years (Dec 2013- Nov 2018)	RM981,940	Completed
4	Makers@University	Dr Hassan Mohammed (Principal), DR SYAHANEIM MARZUKHI (MEMBER), Dr Zuraini Zainol, Dr Sharyar Wani, Dr Nur Aisyah Abdul Fataf	4 months (Sep 2019- Dis 2019)	RM65,000	Completed
5	LOGSEMCOG – An Automated System For Knowledge Base Construction (PRGS)	Dr Hassan Mohammed (Principal), DR SYAHANEIM MARZUKHI (MEMBER), Dr Zuraini Zainol, Dr Sharyar Wani, PM Mohd Hazali Mohamed Halip, Prof Tengku Mohd Tengku Sembok	2 years (Jan 2019- May 2021)	RM53,000	In Progress
6	Security Assessment Framework for detecting Vulnerability in IOT Based Smart Home (FRGS-RACER)	Dr Nor Fatimah Awang (Principal), DR SYAHANEIM MARZUKHI (MEMBER), Dr Zuraini Zainol, Dr Arniyati Ahmad, Prof Tengku Mohd Tengku Sembok	2 years (Sep 2019- Mei 2022)	RM46,443	In Progress
7	Sistem Kewangan Pelajar UPNM (geran JP UPNM)	DR SYAHANEIM MARZUKHI (PRINCIPAL) Pn Hasmeda Erna Che Hamid, En Khairul Nadzri Jamil, Pn Ermey Maslinda Othman, En Sharizan Samad, En Mohd Khairi Rosli, En Mat Azeli Abdul Wahab, Pn Ruhaidah Abu Nor En Hairul Azuan Abas En Noor Azman Dollah.	2 years (Sep 2019 – Sep 2021)	RM183,200	In Progress
8	Big Data Analytic To Predict The Severity Of The Nerve Agent Threats Using Data from IOT Technologies (geran JP UPNM)	Dr Norshahriah Abdul Wahab (Principal), DR SYAHANEIM MARZUKHI (MEMBER), Kapt PM Syed Nasir Alsagoff Syed Zakaria, Pn Nurhazimah Nordin	2 years (July 2020- Jun 2022)	RM20,000	In Progress

No	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
9	FRGS - Developing A New Student Mental Health Support Model Adoption of Big Data Analytics for Universities in Malaysia.	Dr Ku Maisurah Binti Ku Bahador(Principal), AP Dr Syahaneim Marzuki (member) Dr Nor Fatimah Bt Awang Dr Siti Rozaina Kamsani Dr Rafeah Binti Mat Saat	3 years (Sep 2021- Sep 2024).	RM107,300	In Progress
10	JP UPM – A New Model of Multi Unilinguals High Integers Translation from Number to Word Using Conway Chained Arrow Notation and Neural Machine Translation	AP Dr Syahaneim Marzuki (Principal) Dr Nor Fatimah Bt Awang AP Syed Nasir Alsagoff Dr Hassan Mohammed Pn Khairani Majid	2 years (1 Sept 2022 - 31 August 2024).	RM20,000	In Progress

2.2 Publications

2.2.1 Academic Journal

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

No	Authors, year, title, publisher/journal, volume and number of pages (Please bold your name)	Type of Journal • ISI • SCOPUS • Peer-Reviewed
1	Syahaneim Marzuki , Will N. Browne and Mengjie Zhang, "Adaptive Artificial Datasets Through Learning Classifier Systems for Classification Tasks", Evolutionary Intelligence (October 2013), DOI 10.1007/s12065-013-0094, Springer-Verlag Berlin Heidelberg.	SCOPUS
2	Syahaneim Marzuki , Will N. Browne and Mengjie Zhang, "An on-line Pittsburgh LCS for the Three-Cornered Coevolution Framework. Evolutionary Intelligence 8(4): 185-201 (2015), Springer-Verlag Berlin Heidelberg.	SCOPUS
3	Nor Wahidah Zailan, Syed Nasir Alsagoff Syed Zakaria, Zaharin Yusoff, Syahaneim Marzuki , "Comparison Of The Grid Search Pattern And The Circle Search Pattern For Search And Rescue (SAR) operations", ZULFAQAR International Journal of Politics, Defence & Security, Vol 3(1), page 1-8 (2016).	
4	Nor Wahidah Zailan, Syed Nasir Alsagoff Syed Zakaria, Zaharin Yusoff, Syahaneim Marzuki , "Search Grid Pattern Positioning For Search And Rescue (SAR) Operations In Forest Areas", ZULFAQAR International Journal of Politics, Defence & Security, Vol 3(1), page 9-14 (2016).	
5	Noor Izzati Mohd Khalid, Syed Nasir Alsagoff Syed Zakaria, Zaharin Yusoff, Syahaneim Marzuki , "Command And Control Communication For Search And Rescue (SAR) Operations Using Smart Phones For Audio, Video And Monitoring Functions", ZULFAQAR International Journal of Politics, Defence & Security, Vol 3(1), page 15-18 (2016).	
6	Nur Hidayah Mohammad Daud, Syahaneim Marzuki , Omar Zakaria, "Knowledge-based System With Enhanced Situational Awareness Analysis For Malaysian UN Military Observer (UNMO): A Software Development Perspective", Journal of Fundamentals and Applied Sciences, Vol 1(3s), page 360-372 (2017).	ISI
7	Zuraini Zainol, Afiqah M. Azahari, Sharyar Wani, Syahaneim Marzuki , Puteri N.E. Nohuddin, Omar Zakaria, "Visualizing Military Explicit Knowledge using Document Clustering Techniques", International Journal of Academic Research in Business and Social Sciences, vol. 8(6), page 1127-1143 (2018).	ISI
8	Syahaneim Marzuki , Nursyafeera Azeera Rahim, Syed Nasir Alsagoff Syed Zakaria, "A Model for Mission Critical Multiple Clients and Single Server Operation for Failure Detection and Recovery System", International Journal of Engineering and Technology, Vol 7, No 4.29, page 113-118 (2018).	ISI

9	Zuraini Zainol, Sharyar Wani, Puteri N.E. Nohuddin, Wan M.U. Noormanshah, Syahaneim Marzuki , "Association Analysis of Cyberbullying on Social Media using Apriori Algorithm", International Journal of Engineering and Technology Vol 7, No 4.29, page 72-75 (2018).	ISI

2.2.2 Book/Chapter in Book:

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

No.	Authors, year, title, publisher, volume and number of pages (Please bold your name)	Level <ul style="list-style-type: none"> • International • National • University

2.2.3 Proceeding Articles :

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

No.	Authors, year, title, publisher/conference, volume and number of pages (Please bold your name)	Level <ul style="list-style-type: none"> • International • National • University
1	Azniza Mohamad, Syahaneim Marzukhi , "Academic Timetabling System for Royal Malay College", Kolokium FSTP 2009, NDUM.	University
2	Mohd Nazrul Mat Zom, Syahaneim Marzukhi , Norshahriah Wahab "Simulation Weapon Learning Module for Military Training", Kolokium FSTP 2009, NDUM.	University
3	Samuel Ng Chen Ying, Syahaneim Marzukhi , Nor Asiakin Hasbullah, "Prototype UGV (Unmanned Ground Vehicle) Control System", Asia Pacific Conference on Defense & Security Technology 2009 (DSTC 2009).	International
4	Mohd Nazrul Mat Zom, Syahaneim Marzukhi , Norshahriah Wahab, "Simulation Weapon Learning Module for Military Training", Asia Pacific Conference on Defense & Security Technology 2009 (DSTC 2009).	International
5	Syahaneim Marzukhi , Will N. Browne and Mengjie Zhang, "Accuracy-Based Learning Classifier Systems For Solving Complex Multiplexer Problems", New Zealand Computer Science Research Student Conference (NZCSRSC 2011).	National
6	Syahaneim Marzukhi , Will N. Browne and Mengjie Zhang, "Developing An Evolvable Pattern Generator Using Learning Classifier Systems", Proceedings of the 5th International Conference on Automation, Robotics and Applications (ICARA 2011), page 163-168, IEEE Xplore.	International
7	Syahaneim Marzukhi , Will N. Browne and Mengjie Zhang, "Two-Cornered Learning Classifier Systems for Pattern Generation and Classification", Proceedings of the Genetic and Evolutionary Computation Conference 2012 (GECCO 2012), page 895-902, ACM.	International
8	Syahaneim Marzukhi , Will N. Browne and Mengjie Zhang, "Adaptive Artificial Datasets to Discover the Effects of Domain Features for Classification Tasks", Proceedings of the Genetic and Evolutionary Computation Conference 2013 (GECCO 2013), page 157-158, ACM.	International
9	Syahaneim Marzukhi , Will N. Browne and Mengjie Zhang, "Adaptive Artificial Datasets Through Learning Classifier Systems for Classification Tasks", Proceedings of the International Workshop in Learning Classifier Systems 2013 (IWLCS 2013), page 1243-1250, ACM.	International
10	Syahaneim Marzukhi , Will N. Browne and Mengjie Zhang, "Three-Cornered Coevolution Learning Classifier Systems for Classification Tasks", Proceedings of the Genetic and Evolutionary Computation Conference 2014 (GECCO 2014), page 549-556, ACM.	International
11	Syahaneim Marzukhi , Muhammad Firdaus Sulaiman, "Automatic Generate Examination Questions System to Enhance Preparation of Learning Assessment", World Congress on Information and Communication Technology 2014 (WICT 2014), page 6-9.	International

12	Syahaneim Marzukhi , "Training Intelligent Agents Using LCSs in the Three-Cornered Coevolution System", World Congress on Information and Communication Technology 2014 (WICT 2014), page 10-15.	International
13	Muhammad Firdaus Sulaiman, Syahaneim Marzukhi , "Automatic Generation of Examination Questions System", Proceedings of the Kuala Lumpur Undergraduate IT Exhibition and Conference 2014 (KLTec 2014).	National
14	Muhammad Izzuan Nawawai, Syahaneim Marzukhi , "easyCampus: Mobile Application for Scheduling", Proceedings of the Kuala Lumpur Undergraduate IT Exhibition and Conference 2014 (KLTec 2014).	National
15	Puteri N. E. Nohuddin, Zuraini Zainol, Kuan Fook Chao, A. Imran Nordin, Syahaneim Marzukhi , M. Tarhamizwan A. H. James, "Keyword based Clustering Technique for Collections of Hadith Chapters", 3 rd International Conference on Islamic Applications in Computer Science and Technologies (IMAN 2015), page 175-184, LNCS.	International
16	Syahaneim Marzukhi , Raja Asilah Hazwani, Nur Wahida, Siti Intan Shafikah, Zuraini Zainol, Puteri Nor Ellyza, "Automatic Artificial Data Generator: Framework and Implementation", International Conference on Information and Communication Technology (ICICTM 2016), page 56-60, IEEE Explore.	International
17	Zuraini Zainol, Puteri N. E. Nohuddin, Mohd T. Hamid Jaymes, Syahaneim Marzukhi , "Discovering Interesting Keyword Patterns in Hadith Chapter Documents", International Conference on Information and Communication Technology (ICICTM 2016), page 104-108, IEEE Explore.	International
18	Noor Izzati Mohd Khalid, Syed Nasir Alsagoff Syed Zakaria, Zaharin Yusoff, Syahaneim Marzukhi . "Ensuring Communication for Command and Control in Search and Rescue (SAR) Operations Using Smart Phones for Audio, Video and Monitoring Functions", International Conference on Information and Communication Technology (ICICTM 2016), page 15-16, IEEE Explore.	International
19	Nor Wahidah Zailan, Syed Nasir Alsagoff bin Syed Zakaria, Zaharin Yusoff, Syahaneim Marzukhi . "Determining an Appropriate Search Grid Pattern and Positioning it for Search and Rescue Operations (SAR) in Forest Areas", International Conference on Information and Communication Technology (ICICTM 2016), page 10-14, IEEE Explore.	International
20	Haidawati Mohamad Nasir, Wan Nur Fazlin Dallina, Syahaneim Marzukhi , Zuraini Zainol. "Wind Speed Detection System: Framework and Implementation", International Conference on Information and Communication Technology (ICICTM 2016), page 61-64, IEEE Explore.	International
21	Nur Hidayah Binti Mohammad Daud, Syahaneim Marzukhi , Omar Zakaria. "Development of Knowledge-Based System With Enhanced Situational Awareness Analysis For Infantry Personnel", Defence and Security Technology Conference (DSTC 2016).	International
22	Hassan Mohamed, Nazlia Omar, Mohd Juzaidin Ab Aziz, Zuraini Zainol, Syahaneim Marzukhi . "Penalizing Unknown Words' Emissions In Hmm Pos Tagger Based On Malay Affix Morphemes", Defence and Security Technology Conference (DSTC 2016).	International
23	Zuraini Zainol, Syahaneim Marzukhi , Puteri N. E. Nohuddin, Wan M. U, Omar Zakaria, "Document Clustering in Military Explicit Knowledge: A Study on Peacekeeping Documents", International Visual Informatics Conference (IVIC 2017), page 175-184, LNCS.	International
24	Mohamed, H., Marzukhi, S. , Zainol, Z., Sembok, T.M.T., Zakaria, O, "Semantic-based social media threats detection", International Conference on Ubiquitous Information Management and Communication (IMCOM 2018), page 39, ACM.	International
25	Marzukhi, S. , Sidik, M.A.S.M., Nasir, H.M., Zainol, Z., "Flood Detection and Warning System (FLoWS)", International Conference on Ubiquitous Information Management and Communication (IMCOM 2018), page 36, ACM.	International
26	Syahaneim Marzukhi , Nur Hidayah Mohammad Daud, Zuraini Zainol, Omar Zakaria, "Framework of Knowledge-Based System for United Nations Peacekeeping Operations Using Data Mining Technique", International Conference on Information Retrieval and Knowledge Management: Diving into Data Sciences (CAMP 2018), page 18-23, ACM.	International
27	Marzukhi, S. , Che Hamid, H.E., Ariff, H.b, Ahmad Zainudin, M.H., Abdul Latif, N.S., Roslan, N.F., Ramlee, A.A., "eRMS for research management and monitoring at Universiti Pertahanan Nasional Malaysia (UPNM)", International Visual Informatics Conference (IVIC 2019), page 611-619, LNCS.	International
28	Marzukhi, S. , Zainol, Z., Muhamed, H., Awang, N.F., Sembok, T.M.B.T., Juhary, J.B., "Framework Of Malay Intelligent Autonomous Helper (Min@H): Text, Speech And Knowledge Dimension Towards Artificial Wisdom For Future Military Training System", International Conference on Artificial Intelligence and Data Sciences (AiDAS 2019), page 83-87.	International

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1	Machine Learning Meets Operation Research Seminar 2019	Malay Intelligent Autonomous Helper (MIN@H): Text, Speech and Knowledge Dimension Towards Artificial Wisdom for Future Military Training.	Invited Speaker	27/7/2019	PKS

3.0 ACADEMIC RECOGNITION AND LEADERSHIP, CONSULTANCY, SERVICE TO THE UNIVERSITY AND SERVICE TO THE COMMUNITY

3.1 Academic Recognition and Leadership

Academic recognition and leadership such as Academic Award, Academic Assessor/ /Promotion Assessor (External), Visiting Professor/Fellowship, Editorial Board and other academic recognition.

No.	Academic Recognition	Year	Level	Awarding Body / Name of Institution
1	Program Committee: International Conference on Simulated Evolution And Learning (SEAL 2014).	2014	Reviewer (International)	International Conference on Simulated Evolution And Learning (SEAL 2014).
2	Program Committee: International Conference On Natural Computation (ICNC'15)	2015	Reviewer (International)	International Conference On Natural Computation (ICNC'15)
3	Program Committee: The 7th International Conference On Soft Computing And Pattern Recognition (SOCPAR'15).	2015	Reviewer (International)	International Conference On Soft Computing And Pattern Recognition (SOCPAR'15).
4	Program Committee: The 4th International Visual Informatics Conference 2015 (IVIC'15).	2015	Reviewer (International)	International Visual Informatics Conference 2015 (IVIC'15).
5	Program Committee: The 1st International Conference on Information & Technology and Maritime 2015 (ICICTM'15).	2015/2016	Technical Committee (International)	International Conference on Information & Technology and Maritime 2015 (ICICTM'15).
6	Program Committee: 2016 IEEE Congress on Evolutionary Computation (CEC'16).	2016	Reviewer (International)	IEEE Congress on Evolutionary Computation (CEC 2016)
7	Program Committee: Conference On Science And Technology (ICSTIE 2016)	2016	Reviewer (International)	Conference On Science And Technology (ICSTIE 2016)
8	Program Committee: Defence and Security Technology Conference 2016 (DSTC 2016)	2016	Reviewer (International)	Defence and Security Technology Conference 2016 (DSTC 2016)
9	Program Committee: IEEE Congress on Evolutionary Computation (IEEE CEC 2017)	2017	Reviewer (International)	Congress on Evolutionary Computation 2017 (CEC2017)
10	Program Committee: International Symposium on Intelligent System Technologies and Applications (ISTA '17)	2017	Reviewer (International)	International Symposium on Intelligent System Technologies and Applications (ISTA '17)
11	Program Committee: International Visual Informatics Conference 2017 (IVC 2017)	2017	Reviewer (International)	International Visual Informatics Conference 2017 (IVC 2017)

12	Program Committee: International Conference on Simulated Evolution and Learning 2017 (SEAL 2017)	2017	Reviewer (International)	International Conference on Simulated Evolution and Learning 2017 (SEAL 2017)
13	Program Committee: International Conference on Information & Technology and Maritime 2018 (ICICTM'18).	2018	Reviewer (International)	International Conference on Information & Technology and Maritime 2018 (ICICTM'18).
14	Program Committee: IEEE Congress on Evolutionary Computation (IEEE CEC 2018)	2018	Reviewer (International)	Congress on Evolutionary Computation 2018 (CEC2018)
15	Program Committee: Journal – Transactions on Evolutionary Computation	2019	Reviewer (International)	Journal – Transactions on Evolutionary Computation
16	Program Committee: International Conference on Artificial Intelligence and Data Science (AIDAS 2019)	2019	Technical Reviewer (International)	International Conference on Artificial Intelligence and Data Science (AIDAS 2019)
17	Program Committee: IEEE Congress on Evolutionary Computation (IEEE CEC 2019)	2019	Reviewer (International)	IEEE Congress on Evolutionary Computation (IEEE CEC 2019)

3.2 Consultancy work that benefited to the University.

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

No.	Title	Year	Sponsor	Value	Duration
1	Bengkel "Training of Trainers" Bagi Program Mentor Mentee Inisiatif Pengukuhan STEM - Ketua Perunding (Bagi Pihak UPNM)	2018	Jabatan Pendidikan Wilayah Persekutuan Kuala Lumpur (JPWPKL)	tiada	17/10/2018 – 18/10/2018
2	Bengkel Konsultasi Kajian Penggubalan Dasar Sains, Teknologi & Inovasi (DSTIN) 2021-2030 Ketua Perunding (Bagi Pihak UPNM)	2018	Akademi Sains Malaysia	tiada	26/10/2018
3	AJK Kerjasama Penyelidikan dan Pembangunan kapal Peronda TLDM dengan Boustead Naval Shipyard Sdn. Bhd.	2019	Boustead Naval Shipyard Sdn. Bhd.	tiada	Jan 2019-Dis 2019
4	Pemeriksa Skrip Jawapan Computer Science 2 (SC025)	2019	Bahagian Matrikulasi, KPM, Malaysia	RM600.00	17/4/2019-22/4/2019
5	Penggubal Soalan Computer Science 2 (SC025)	2019	Bahagian Matrikulasi, KPM, Malaysia	RM200.00	Mei-Jun 2019
6	Penggubal Soalan Computer Science 2 (SC025)	2019	Bahagian Matrikulasi, KPM, Malaysia	RM200.00	Julai - Ogos 2019

3.3 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 and duration)

No.	Position/Membership	Duration
1	AJK IPMO UPNM	2009
2	Internal Auditor (UPNM)	2007-2009
3	AJK National Conference: Information Retrieval & Knowledge Management.	2008
4	Pengurus UPNM Badminton Team.	2008
5	Penasihat Programming Team (JSK).	2008-2009
6	AJK Family Day FSTP	2009
7	AJK Symposium FSTP	2009
8	Penasihat Akademik	2008 - present
9	Penyelia Projek Sarjana Muda (JSK)	2007 - present
10	Penyelia Latihan Industri (JSK).	2007 - present
11	Hari Tunas Wira (representing FSTP).	2014
12	AJK UPNM Convocation.	2014 - present
13	AJK Penilaian Sebutarga UPNM (PPPI)	2014 - 2019
14	AJK Sukaneka – Oreintasi Perdana UPNM	2014
15	Penyelaras Projek Sarjana Muda (JSK).	2014 - 2016
16	Panel Penilai Projek Berkumpulan SDAM (JSK).	2019 - present
17	Fasilitator Workshop PSM (JSK)	2014/2015
18	Fasilitator Workshop Pengaturcaraan (JSK)	2014/2015
19	Panel Penilai Geran Fakulti dan PKS	2016-present
20	Felo Penyelidik, PKS	2016- present
21	Timbalan Pengarah, PPPI	2016 - 2019
22	Sekretariat Malaysia Research Assessment (MyRA) - PPPI	2017- 2019
23	Panel Penemuduga Jawatan Felo Penyelidik/ Penyelidik Siswazah/ Pembantu Penyelidik UPNM (PPPI)	2017- 2019
24	AJK Penilaian Pembangunan Sistem dan Aplikasi UPNM (PPPI)	2017- 2019
25	Pegawai Pengurusan Risiko FPJB (PPPI)	2017- 2019
26	Auditor Dalam Bagi Penjurian Anugerah Inovasi UPNM (PPPI)	2018 - 2019
27	Pegawai Pengurusan STEM UPNM (PPPI)	2018 - 2019
28	Panel Hakim Pertandingan Rekacipta "Waste Art" Green Campus UPNM"	2018
29	AJK Audit Kesediaan Autonomi UPNM (PPPI)	2017-2018
30	Sekretariat Lawatan Kajian Impak Program RACE (PPPI)	2018
31	AJK Pengurusan Aset Alih Kerajaan (PPPI)	2018 - 2019
32	AJK Penilai Harta Intelek UPNM (PPPI)	2018 - 2019
33	AJK Pemandu JPICT UPNM (PPPI)	2018 - 2019
34	Ketua Special Interest Group (JSK)	2018
35	AJK DSS Exhibition - STEM	2019
36	AJK Semakan Kenaikan Pangkat Akademik UPNM (PPPI)	2019
37	AJK Bengkel Analisis Data SPSS (PKS)	2020
38	AJK Bengkel Analisis Data SPSS (PKS)	2020
39	Panel Penilai Geran (PKS)	2020
40	AJK STEM (PKS)	2020
41	AJK Program Kesedaran Keselamatan Siber (PKS)	2020
42	AJK Program Makers@UPNM – Latihan RapidMiner	2020

3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1	Malaysian Wellington PostGraduate Association (MWPGSA).	Secretariat	2010	2013	School
2	Sek. Keb. Tmn. Jasmin, Kajang.	PIBG	2007	2014	School
3	Sek. Men Tinggi Kajang, Kajang.	PIBG	2014	2017	School
4	Sek. Keb. Bandar Sunway Semenyih	PIBG	2014	2017	School
5	Sek. Men. Sultan Abdul Aziz Shah, Kajang, Selangor.	PIBG	2017	present	School
6	MRSM Sultan Azlan Shah, Kuala Kangsar, Perak.	PIBG	2017	2019	School
7	ALUMNI Sek.Men.Keb Agama Persekutuan, Kajang, Selangor	member	2007	present	School
8	ALUMNI Sek.Men.Keb Agama Kedah, Kedah.	member	2007	present	School
9	ALUMNI Univ Utara Malaysia, Kedah	member	2007	present	School
10	ALUMNI Victoria Univ of Wellington, New Zealand	member	2010	present	School
11	Persatuan Penduduk Bandar Sunway Semenyih, Semenyih, Selangor.	member	2005	present	Community
12	Surau Bandar Sunway Semenyih, Semenyih, Selangor.	member	2005	present	Community

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 :

Faculty/Department :

Date :

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

**Dean
Signature and Stamp :**

Date :