

# CURRICULUM VITAE



## A. BUTIR-BUTIR PERIBADI *(Personal Details)*

Nama Penuh <i>(Full Name)</i>	Nur Arzilawati Md Yunus		Gelaran <i>(Title)</i> : Dr
Jawatan <i>(Designation)</i> Pensyarah Kanan	Warganegara <i>(Citizenship)</i> Malaysia	Bangsa <i>(Race)</i> Malay	Jantina <i>(Gender)</i> Female

Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>
Jabatan Teknologi Komunikasi & Rangkaian, Fakulti Sains Komputer & Teknologi Maklumat Universiti Putra Malaysia, 43400 Serdang, Selangor	nurarzilawati@upm.edu.my

## B. KELAYAKAN AKADEMIK *(Academic Qualification)*

Nama Sijil / Kelayakan <i>(Certificate / Qualification obtained)</i>	Nama Sekolah Institusi <i>(Name of School / Institution)</i>	Tahun <i>(Year obtained)</i>	Bidang pengkhususan <i>(Area of Specialization)</i>
Doctor of Philosophy	Universiti Putra Malaysia	2022	Computer Network
Master of Science	Universiti Putra Malaysia	2012	Computer Network
Bachelor of Computer Science	Universiti Putra Malaysia	2010	Computer Network

## C. KEMAHIRAN BAHASA *(Language Proficiency)*

Bahasa / <i>Language</i>	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English				/	
Bahasa Melayu					/
Chinese		/			
Lain-lain <i>(other)</i> :					

## D. PENGALAMAN SAINTIFIK DAN PENGKhususan

*(Scientific experience and Specialisation)*

Organization	Position	Start Date	End Date	Expertise
University of Cyberjaya	Apel C. Assessor	January 2023	December 2024	Information Technology

<b>E. PEKERJAAN (Employment)</b>				
Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh lantikan / Start Date	Tarikh tamat / Date Ended
University of Cyberjaya	Lecturer / Programme Coordinator	1/3/2022	31/5/2023	Information Technology
MAHSA University	Lecturer	1/4/2019	21/8/2021	Information Technology
<b>F. ANUGERAH DAN HADIAH (Honours and Awards)</b>				
Name of awards	Title	Award Authority	Award Type	Year
Academic Awards				
Non-Academic Awards				
Awards of Merit				

<b>G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)</b>	
Journal	<ol style="list-style-type: none"> <li>1. Nur Arzilawati Md Yunus, &amp; Mohamed Othman, (2011). Shuffle Exchange Network in Multistage Interconnection Network: A Review and Challenges. <i>International Journal of Computer and Electrical Engineering</i>, Vol. 3, No. 5, pp. 724–728.</li> <li>2. Nur Arzilawati Md Yunus and Mohamed Othman (2014). Reliability Evaluation and Routing Integration in Shuffle Exchange Network, <i>Journal of Networks</i>, Vol. 9, No. 7, pp.1732-1737. (Indexed by: Scopus)</li> <li>3. Nur Arzilawati Md Yunus and Mohamed Othman (2015). Reliability Evaluation for Shuffle Exchange Interconnection Network, <i>Procedia Computer Science</i>, Vol. 59, pp.162-170. (Indexed by: Scopus)</li> <li>4. Nur Arzilawati Md Yunus Mohamed Othman, Zurina Mohd Hanapi, Kweh Yeah Lun (2016). Reliability Review of Interconnection Network, <i>IETE Technical Review</i>, Vol. 33, No. 6, pp.596-606. (Indexed by: Q2- Impact Factor-1.845)</li> <li>5. Nur Arzilawati Md Yunus, Mohamed Othman, Zurina Mohd Hanapi, Kweh Yeah Lun (2018). Number of Stage Implication Towards Multistage Interconnection Network Reliability, <i>Advanced Science Letters</i>, Volume 24, Number 2, pp. 1259-1262. (Indexed by: Scopus)</li> <li>6. Nur Arzilawati Md Yunus, Mohamed Othman, Zurina Mohd Hanapi, Kweh Yeah Lun (2018). Integrating Replicated Network in Reliability Shuffle Exchange Network System, <i>Journal of Communications</i>, Volume 13, No. 7. pp. 385-390. (Indexed by: Scopus)</li> <li>7. Nur Arzilawati Md Yunus, Mohamed Othman, Zurina Mohd Hanapi, Kweh Yeah Lun (2018). Enhancement Replicated Network: A Reliable Multistage Interconnection Network Topology, <i>IEEE Systems</i>, pp. 1-12. (Indexed by: Q1-Impact Factor-4.63)</li> <li>8. Nur Arzilawati Md Yunus, Mohamed Othman, Zurina Mohd Hanapi, Kweh Yeah Lun (2019). Evaluation of Replication Method in Shuffle-Exchange Network Reliability Performance, <i>Advances in Data and Information Sciences, Lecture Notes in Networks and Systems</i>, Volume 39, pp. 271-281. (Indexed by: Scopus)</li> <li>9. Nur Arzilawati Md Yunus, Mohamed Othman, Zurina Mohd Hanapi, Kweh Yeah Lun (2019). Mean Time To Failure Analysis in Shuffle Exchange Network Systems, <i>International Journal of Engineering and Advanced Technology</i>, Volume 9, Number 1, pp. 3419-3422.</li> <li>10. Oluwatosin Ahmed Amodu, Mohamed Othman, Nur Arzilawati Md Yunus, Zurina Mohd Hanapi (2021). A Primer on Design Aspects and Recent Advances in Shuffle Exchange Multistage Interconnection Networks, <i>Symmetry</i>, Volume 13, Issue 3, pp. 378-401. (Indexed by: Q2- Impact Factor-2.645)</li> <li>11. Moussa Abdelrahman Ahmed Ali, Nur Arzilawati Md Yunus (2021). Smart Home Appliances Monitoring System”, <i>MAHSA International Journal of Engineering and Technology</i>, Volume 1, Issue 2, pp. 1-6</li> <li>12. Hazrina Sofian, Nur Arzilawati Md Yunus and Rodina Ahmad (2022). Systematic Mapping: Artificial Intelligence Techniques in Software Engineering. <i>IEEE Access</i>, Volume 10, pp. 51021-51040. (Indexed by: Q1-Impact factor-3.367)</li> </ol>

	<ol style="list-style-type: none"> <li>13. Fadhl Mohsen Sahal Mohsen, Nur Arzilawati Md Yunus (2022), “Artificial Intelligence Face Recognition: Security System”, Information Management and Computer Science, Volume 6, Issues 1, pp. 5-8.</li> <li>14. Abthal Naseradin Abdajabar, Nur Arzilawati Md Yunus, “A Review on The Impact of Cybersecurity Crimes in Financial Institutions During The Time of COVID-19”, Acta Informatica Malaysia, Volume 7, Issues 1pp. 19-23</li> </ol>
<i>Books/Monographs</i>	<ol style="list-style-type: none"> <li>1. Nur Arzilawati Md Yunus, Mohamed Othman and Zurina Mohd Hanapi (2014). Reliability Performance of Shuffle Exchange Omega Network, <i>Lambert Academic Publishing</i>. Germany.</li> </ol>
<i>Chapter in book</i>	<ol style="list-style-type: none"> <li>1. Nur Arzilawati Md Yunus and Mohamed Othman (2015). Empirical Analysis of Terminal Reliability in Multistage Interconnection Network, <i>Computational Intelligence and Efficiency In Engineering Systems</i>, Vol. 595, pp.157-169. (Indexed by: Scopus)</li> </ol>
<i>Proceedings</i>	<ol style="list-style-type: none"> <li>1. Nur Arzilawati Md Yunus, &amp; Mohamed Othman, (2011). Shuffle Exchange Network in Multistage Interconnection Network: A Review. <i>International Conference on Communication and Broadband Networking</i>. pp. 822–829.</li> <li>2. Nur Arzilawati Md Yunus, &amp; Mohamed Othman, (2012). Reliability Performance of Shuffle Exchange Omega network. <i>1<sup>st</sup> International Symposium on Telecommunication and Technologies</i>. pp. 1-5.</li> <li>3. Nur Arzilawati Md Yunus, Mohamed Othman, &amp; Zurina Hanapi (2012). Integration of Zero and Sequential Algorithm in Shuffle Exchange Network Minus One Stage, <i>Proceeding of International Conference on Advance In Computing, Control and Telecommunication Technologies (ACT)</i>, Elsevier, pp. 7–12</li> <li>4. Nur Arzilawati Md Yunus and Mohamed Othman (2014). Empirical Analysis of Terminal Reliability in Multistage Interconnection Networks, <i>2nd Asia Pacific, Conference on Computer Aided System Engineering</i>. pp.42-43.</li> </ol>
<i>Other publications</i>	
<i>Computer software</i>	

#### H. PROJEK PENYELIDIKAN TERDAHULU(Past Research Project)

Project No.	Project Title	Role	Year	Source of fund	Status
9557900	Enhancement Augmented Shuffle Exchange Network with Looping Method in Multistage Interconnection Network Reliability	Member	2017	RM 103 000.00	Completed