

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (Personal Details)			
Nama Penuh (Full Name)	Nurul Nadwa Binti Zulkifli		Gelaran (Title): Dr.
No. MyKad / No. Pasport (Mykad No. / Passport No.) 890209135852	Warganegara (Citizenship) Malaysian	Bangsa (Race) Malay	Jantina (Gender) Female
Jawatan (Designation)	Senior Lecturer (DS51)	Tarikh Lahir (Date of Birth)	09 February 1989

Alamat Semasa (Current Address)	Jabatan/Fakulti (Department/Faculty)	E-mel dan URL (E-mail Address and URL)
Blok G4-2A, Flat UPM, Jalan Meranja, UPM Kampus Bintulu, 97000, Bintulu, Sarawak. Tel: 01110977450	Department of Science and Technology, Faculty of Humanities, Management and Science, Universiti Putra Malaysia (Bintulu Campus), 97008, Bintulu, Sarawak, Malaysia. Tel: 086-855254 Fax: 086-338948	E-mail: nurulnadwa@upm.edu.my ORCID: https://orcid.org/0000-0002-2232-3885 Google Scholar: Zulkifli, N.N. / Nurul Nadwa Zulkifli

B. KELAYAKAN AKADEMIK (Academic Qualification)			
Nama Sijil / Kelayakan (Certificate / Qualification obtained)	Nama Sekolah Institusi (Name of School / Institution)	Tahun (Year obtained)	Bidang pengkhususan (Area of Specialization)
PhD	Universiti Teknologi Malaysia (UTM)	2019	Educational Technology
Master of Education	UTM	2014	Educational Technology
Bachelor of Science and Computer with Education (Mathematics)	UTM	2013	Mathematics, Computer

C. KEMAHIRAN BAHASA (<i>Language Proficiency</i>)					
Bahasa / Language	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					√

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN (<i>Scientific Experience And Specialization</i>)				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Uni-Technologies Sdn. Bhd (UTM)	Research Officer	March 2019	November 2019	Research
Research Management Centre, UTM	Research Assistant	October 2018	February 2019	Research
Research Management Centre, UTM	Research Assistant	February 2016	May 2018	Research
SMK Sungai Abong, Muar, Johor.	Trained Graduate Teacher	2010	2010	Teaching
<i>Subjects Taught</i>				
SSK1003 Introduction to Discrete Structure SSK2101 Graphical User Interface Programming SKM2305 Introduction to Development of Computer Games SSK2309 Operating System SCS2000 Computer Applications in Agriculture SFK0502 Computer Literacy II SFM3201 Biostatistics SSK1800 Seminar Technology SKM2300 Introduction to Multimedia SSK1102 Fundamental of Programming				

E. PEKERJAAN (<i>Employment</i>)				
<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
Universiti Putra Malaysia	Senior Lecturer	Department of Science and Technology	3 February 2020 (Start Date) 16 April 2021 (Confirmation of Employment Date)	Current

F. ANUGERAH DAN HADIAH (<i>Honours and Awards</i>)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
Academic Awards	Best Postgraduate Student Award for Master Education (Educational Technology)	UTM	University	2014
Academic Awards	Best Presenter of Undergraduate Project Seminar	UTM	University	2012
Non-Academic Awards	Gold Medal for Modul GeoAR dalam Pembelajaran Tahun 4	i-PICTL UPM	University	2022
Non-Academic Awards	Gold Medal for Agriculture Programme Execution: Forming Graduates as Extension Officer	i-PICTL UPM	University	2022
Non-Academic Awards	Silver Medal for TikTok for Teaching and Learning Computer Basics Online	i-PICTL UPM	University	2022
Non-Academic Awards	Silver Medal for Faktor Peramal Penggunaan Analitik Pembelajaran menggunakan Google Classroom (Delima) dalam kalangan Guru Sekolah di Kuala Lumpur	i-PICTL UPM	University	2022
Non-Academic Awards	Silver Medal for Stimulating Students' Self and Peer Assessment by Incorporating E-Quiz and a Strategy Game in a Gamified Mobile Application	International University Carnival on E-Learning (IUCEL) 2021	International	2021
Non-Academic Awards	Finalist New Academician Learning Innovation (NALI) 2020 Award	UTM	University	2020
Non-Academic Awards	Bronze Medal for Enhancing Students' Critical Thinking through Facebook via Online Reciprocal Peer Tutoring Framework	4th International Innovative Practices in Higher Education Expo 2017 (I-PHEX 2017)	International	2017
Non-Academic Awards	Gold Medal for Improving Students' Reasoning Skill using GoReason Collaborative Learning System	e-Learning Carnival 2017 (eLC 2017)	National	2017
Non-Academic Awards	Diamond for GoReason: A Collaborative learning system for reasoning skills	International Invention, Innovation and Design Competition (IIID Johor 2017)	International	2017
Non-Academic Awards	Bronze Medal for ChemMol4: Pengembaraan Bersama Haiqal	National University Carnival on E-Learning NUCEL 2015	National	2015
Non-Academic Awards	Gold Medal for E-Volley: Dig Serve Spike	International Invention, Innovation and Design Competition (IIID Johor 2015)	International	2015

G. SENARAI PENERBITAN (List of publications – author (s), title, journal, volume, page and year published)

Journals

1. Ismail, R., **Zulkifli, N. N.**, Magiman, M. M., & Mohammad Ramli, M. S. (2022). A Smart Card (MyKad) and Fingerprint Authentication for E-Voting System. *International Journal of Engineering Research & Technology (IJERT)*. (Peer-reviewed Journal)
2. Hong, O. A., Abd Halim, N. D., **Zulkifli, N. N.**, Jumaat, N. F., Zaid, N. M., & Mokhtar, M. (2022). Designing game-based learning kit with integration of augmented reality for learning geography. *IJIM*, 16(02), 5. (Indexed in Scopus)
3. Letchumanan, M., Husain, S. K. S., Ayub, A. F. M., Kamaruddin, R., & **Zulkifli, N. N.** (2023). Determining the Factors that Promote Higher Order Thinking Skills in Mathematics Technology Enhanced Learning Environment: Perspective from University Students. *Malaysian Journal of Mathematical Sciences*, 17(1), 13–23. <https://doi.org/10.47836/mjms.17.1.02> (Indexed in Scopus)
4. Letchumanan, M., Husain, S. K. S., Ayub, A. F. M., Kamaruddin, R., & **Zulkifli, N. N.** (2022). Migrating to Technology Integrated Classes to Promote Higher Order Thinking Skills among University Students: Perspectives from Mathematics Academicians. *Malaysian Journal of Mathematical Sciences*, 16(4), 749–769. <https://doi.org/10.47836/mjms.16.4.08>. (Indexed in Scopus)
5. Hashim, S., Zakariah, S. H., Taufek, F. A., **Zulkifli, N. N.**, Lah, N. H. C., & Murniati, D. E. (2021). An Observation on Implementation of Classroom Assessment in Technical and Vocational Education and Training (TVET) Subject Area. *Journal of Technical Education and Training*, 13(3), 190-200. (Indexed in Scopus)
6. Kamarudin, S., Mohd S.M., **Zulkifli, N.N.**, Ismail, R., Alan, R., Lepun, P., Omar, M.K. (2021) The Cognizance of Green Computing Concept and Practices among Secondary School Students: A Preliminary Study. *International Journal of Advanced Computer Science and Applications*, 12(10), 307-312. (Indexed in Scopus)
7. Ong Ace, H.O.L., Abd Halim, N. D., **Zulkifli, N.N.** (2021). Kesan Pembelajaran Menggunakan Realiti Berperantara Menerusi Pendekatan Pembelajaran Berasaskan Permainan Terhadap Pencapaian Pelajar. *Innovative Teaching and Learning Journal (ITLJ)*, 5(1), 1-11. (Peer-reviewed journal)
8. Fadzilah F.M., Kamarudin, S., Malahubban, M., **Zulkifli, N. N.**, Wahab, A.N.A (2020). A Preliminary Study On The Use Of Information Technology For Livestock Feed Management Practises In Malaysia. *International Journal of Technology Management and Information System*, 2(4), 10-21. (Indexed in other abstracting bodies)
9. **Zulkifli, N. N.**, Abd Halim, N. D., Yahaya, N., & Van Der Meijden, H. (2020). Patterns of Critical Thinking Processing in Online Reciprocal Peer Tutoring Through Facebook Discussion. *IEEE Access*, 8, 24269–24283. (<https://doi.org/10.1109/access.2020.2968960>. (Indexed in WOS (Q1)))
10. Ayob, N. F. S., Abd Halim, N. D., **Zulkifli, N. N.**, Zaid, N. M., & Mokhtar, M. (2020). Overview of Blended Learning: The Effect of Station Rotation Model on Students' achievement. *Journal of Critical Reviews*, 7(6), 2020. (Indexed in Scopus)
11. Ayob, N. F. S., Abd Halim, N. D., & **Zulkifli, N. N.** (2020). Effect of Blended Learning using the Station Rotation Model towards Students' Achievement in Learning Chemistry. *Innovative Teaching and Learning Journal (ITLJ)*, 4(1), 29-40. (Peer-reviewed Journal)
12. **Zulkifli, N. N.**, Abd Halim, N. D., & Yahaya, N. (2018). The Impact of Online Reciprocal Peer Tutoring on Students' Academic Performance. *Journal of Engineering Science and Technology*, 13, 10-17. (Indexed in WOS(Q3))
13. Ali, M. F., Tahir, L. M., & **Zulkifli, N. N.** (2017). Developing Learners' Employability Skill of Critical Thinking through Collaborative Online Discussion at Tertiary Institution. *Journal of Theoretical & Applied Information Technology*, 95(24). (Indexed in Scopus)

1. **Zulkifli, N. N.**, Letchumanan, M., Kamarudin, S., Abd Halim, N. D., & Hashim, S. (2022). A Review: The Effectiveness of Using TikTok in Teaching and Learning. ICCE 2022 Conference Proceedings Volume II. Asia-Pacific Society for Computers in Education (APSCE), II, 287–292. *(Indexed in Scopus)*
2. Mohd Hatta, M. Z., Abd Halim, N. D., & **Zulkifli, N. N.** (2022). The Effect of Online Collaborative Learning Environment with Integration of Technological Tools Towards Student's Achievement. Proceedings of 30th International Conference Computers in Education (ICCE) 2022. Asia-Pacific Society for Computers in Education (APSCE), 277–286. *(Indexed in Scopus)*
3. Huang Yanfen, Sharifah Intan Sharina Syed Abdullah, Ghazali, N., **Zulkifli, N.N.** (2022) Rural Teacher ICT Literacy Professional Learning and Teaching Practice in China:A Multiple Case Study Investigation. Proceedings of 30th Internasional Conference on Computers in Education.Asia-Pacific Society for Computers in Education, 681 – 683. *(Indexed in Scopus)*
4. Zhang , Y., Zulkifli, N. N., & Mohd Ayub, A. F. (2022). Interactive Analysis of Children's Video Game Products. Proceedings of 30th Internasional Conference on Computers in Education.Asia-Pacific Society for Computers in Education, 268–276. *(Indexed in Scopus)*.
5. Wang, L., Omar, K., Zakaria, S., & **Zulkifli, N. N.** (2022). Blended Learning Practices among Chinese Secondary School Teachers: The Untold Stories. Proceedings of the 30th International Conference on Computers in Education. Asia-Pacific Society for Computers in Education. *(Indexed in Scopus)*
6. Wang, L., Omar, K., Zakaria, S., & **Zulkifli, N. N.** (2021). Mapping the Development of ICT from the Trend of Blended Learning: A Systematic Literature Review of the Blended Learning Trend in Education. Proceedings of the 29th International Conference on Computers in Education. Asia-Pacific Society for Computers in Education. *(Indexed in Scopus)*
7. Somasundaram, S., Abd Halim, N. D , **Zulkifli, N. N.** (2020). Game Based Learning Applications : Effect Towards Remedial Students In Learning Basic Mathematical Skills. Nali Symposium 2020. (pp. 353-363). Universiti Teknologi Malaysia.
8. Fadzilah F.M., Kamarudin, S., Malahubban, M., **Zulkifli, N. N.**, Wahab, A.N.A (2020). Exploring Use of ICT in Managing Livestock Feeds: A Preliminary Study in Malaysia. 2nd Kuala Lumpur International Conference on Multi-Disciplinary Research 2020 (KLIC2020).(pp. 13-23). Academia Industry Networks.
9. **Zulkifli, N.N.**, Wattanachot, K., Chanwichit, W., Miskam,N.N., Hussin, A. A.,Saliman,S., Abd Halim,N. D., Md Noor, N. (2018). Learning Idioms Using Mobile Application: Idiom Kingdom. Proceedings of International Research Colloquium in Educational Technnology. (pp. 20-22). Universiti Teknologi Malaysia.
10. **Zulkifli, N. N.**, Abd Halim, N. D. (2016). Review of Learning Activities in Facebook to Inculcate Meaningful Learning. In: Abidin S., Legino R., Noo H., Vermol V., Anwar R., Kamaruzaman M. (eds) Proceedings of the 2nd International Colloquium of Art and Design Education Research (I-CADER 2015). Springer, Singapore.
11. **Zulkifli, N. N.**, Abd Halim,N. D., & Yahaya, N.(2016). Measuring Critical Thinking in Online Discussion: Analysis Model. Proceedings of the 6th Regional Conference on Engineering Education (RCEE 2016). (pp. 56-60). Universiti Teknologi Malaysia.
12. Ali, M. F., **Zulkifli, N. N.** & Tahir, L. M., (2016). Developing Critical Thinking Skill through the Use of Collaborative Asynchronous Online Discussion Based on SPOD Model. Regional Conference on Engineering Education (RCEE 2016), Kuala Lumpur. 9th – 10th August 2016.
13. Zulkifli, N. N., Abd Halim, & N. D., Yahaya, N. (2015). Peer Tutoring Teaching Practice in Online Learning Environment: A Review. International Education Postgraduate

	Seminar (IEPS 2015), Johor Bahru. 20th -21st December 2015.
Chapter in Books	<ol style="list-style-type: none"> 1. Abd Halim, N. D., Zulkifli, N.N., A. Sanderasaidar. (2022). The Effect of Digital Game-Based Learning on Students' Achievement in Sewing Perspectives and Practices of Gamification, Non Citation-Indexed , Reference, Online , Nova Science Publisher, International, 9781685078065 , [51-68]. (<i>Indexed in Scopus</i>) 2. Nurul Nadwa Zulkifli, Arahan Tentera – Bahasa Pengaturcaraan in PUTRASTEM @ UPMKB (pp.11-12), Universiti Putra Malaysia, ISBN- 9789671214077
Editorial Work	<ol style="list-style-type: none"> 1. Perspectives And Practices Of Gamification (<i>Indexed in Scopus</i>) Editor: Mageswaran Sanmugam, Nurul Nadwa Zulkifli, Mohd Mokhzani Ibrahim, Syahrini Shawalludin, Irwan Mahazir Ismail Penerbit: Nova Science Publisher, USA. 2. The 7th Southeast Asian Agricultural Engineering Student Chapter Annual Regional Convention 2021 (ARC2021) Editor: Ellie Teo Yi Lih, Jaccob Jimmy, Muhammad Nur Hakimi Bin Azim Shah, Nurul Nadwa Zulkifli, Omar Faruqi Bin Marzuki, Priscilla Surie Anak Satap, Wan Nor Zanariah Binti Zainol @ Abdullah, Woon Wai Cheong Penerbit: Perpustakaan Negara Malaysia, e-ISBN- 9789671214084 3. Eproceeding: International E-Conference On Green And Renewable Energy 2020 (Green2020) Editor: Juniza Md Saad, Woon Wai Cheong, Omar Faruqi Marzuki, Mark Lee Wun Fui. Shafinah Kamarudin, Nurul Nadwa Zulkifli, Rosli Ismail, Nor Mariah Adam Penerbit: Perpustakaan Negara Malaysia, e-ISBN- 9789671214084 4. Putra Stem @ Upmkb Editor: Patricia King Jie Hung, Hanisah Kamilah, Shafinah Kamarudin, Ellie Teo Yi Lih, Faridah Binti Abdul Razak, Fatin Hana Naning, Fauziah Abu Bakar, Koo Lee Feng, Leong Sui Sien, Mohd Maulana Magiman, Muhamad Azmi Mohammed, Nurul Nadwa Zulkifli, Omar Faruqi Bin Marzuki, Rosli Ismail, Wong Tze Jin, Mohd Saufi Mohd Ramli Penerbit: Universiti Putra Malaysia, ISBN- 9789671214077

H. PROJEK PENYELIDIKAN TERDAHULU (<i>Past Research Project</i>)						
Project No.	Project Title	Role	Year	Source of fund	Total Fund (RM)	Status
9694300	Predictive Model on Integrating Social Media Tools towards Students' Acceptance, Engagement and Academic Performance using Peer Learning Strategy in Higher Education	Project leader	2020	GP-IPM	39000	Ongoing
9730800	A Model Of Electronic Voting (E-Voting) With Blockchain Technology	Member	2022	GP-IPM	35000	Ongoing

I. PENYELIAAN PELAJAR SISWAZAH (*Supervision of Graduate Students*)

Supervisor (Graduated Student)

1. Master/ Member/ Ellie Esterina binti Mohd Fasih(GS58532)

In progress as Main Supervisor

2. PhD/ Chairmain/ Wang Ruimei (GS59190)
3. PhD/ Chairmain/ Zhang Yufan (GS61700)
4. PhD/ Chairman/ Zhang Yimiao (GS62446)
5. PhD/ Chairman/ He Yong Tian (GS64175)
6. Master/ Chairman/ Ridzuan Amir bin Mohamad (GS58821)

In progress as Member

7. PhD/ Member/ Huang Yanfen (GS57123)
8. PhD/Member/ Fazwa binti Mohd Fadzilah (GS58092)
9. PhD/ Member/ Wang Lin (GS58350)
10. PhD/ Member/ Rosfuzah binti Roslan (GS59223)
11. PhD/ member/ Yang Tiantian (GS59474)
12. PhD/ Member / Zhao Zixi (GS60280)
13. Master/ Member / Aiman bin Izhar (GS58541)
14. Master/ Member / Ainur Yusra Nabila binti Mohd Nadzri (GS61246)