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Born : 8 April 1978
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Address : Quantity Surveying Department
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ACADEMIC QUALIFICATIONS

- PhD in Design and Built Environment
Universiti Teknologi Mara, Perak, 2019
- Master in Building Technology
Universiti Sains Malaysia, Penang, 2009
- Bachelor of Quantity Surveying (Hons.)
Universiti Teknologi Mara, Shah Alam, 2001
- Diploma in Quantity Surveying
Universiti Teknologi Mara, Perak, 1999

PROFESSIONAL AFFILIATION

- Board of Quantity Surveyors Malaysia
Consultant Quantity Surveying
BQSM Membership No.: 2021/CQS02074
- Institution of Surveyors Malaysia (ISM)
MRISM Membership No.: M6122

AREA OF EXPERTISE

- Contract and Procurement
- Construction Safety and Health: Ergonomics
- Project Management
- Facilities Management

ACADEMIC AWARDS

- In 2011, I have awarded by the Universiti Teknologi MARA the **“Anugerah Perkhidmatan Cemerlang”**.
- In September 2019, I have awarded by the Universiti Teknologi MARA the **“PhD Graduate on Time (GOT)”**.
- In September 2019, I have awarded by the Universiti Teknologi MARA the **“PhD Research Excellent Award”**.
- In 2020, I have awarded by the Universiti Teknologi MARA the **“Anugerah Perkhidmatan Cemerlang”**.

CURRICULUM VITAE



EXPERIENCE SUMMARY

In, 1998, I have been undergone 6 months period of industrial training with Jabatan Kerjaraya (JKR), Ipoh Perak as a trainee.

After graduating Bachelor's Degree, I have been employed as a Contract Executive at *IM Jurukur Bahan* at Batu Caves Selangor from year 2001 until 2003. I have two (2) years' experience in pre-contract and post contract services for several types of project. Then I continue working as a Senior Contract Executive at *MM Quantity Surveyors* for almost 4 years from 2003 to 2007.

In March 2007, I have been appointed as a Quantity Surveying lecturer in Universiti Teknologi MARA, Perak Branch and attached to the Centre of Studies for Quantity Surveying under the Department of Built Environment and Technology. So far, I have almost 14 years of experience in teaching and learning at UiTM Perak Branch.

PAST WORKING EXPERINCE

JABATAN KERJARAYA, IPOH

July 1998 – January 1999

Trainee

Responsible in assisting Quantity Surveyors in measurement works for several projects.

IM JURUKUR BAHAN

May 2001 – September 2003

Contract Executive

Responsible and involve in all QS task starting from pre contract stages until post contract stages for the project:

1. Construction of 'Aked MARA' Bachok Kelantan.
2. Cadangan Membina Dan Menyiapkan (MRSM), Kinarut, Sabah.
3. Cadangan Membina Dan Menyiapkan Sekolah Kebangsaan Tasik Kesuma Semenyih, Selangor.
4. Cadangan Merekabentuk, Membina, & Menyiapkan Projek Balai Polis Wakaf Tapai, Marang Terangganu.
5. Cadangan Pembesaran Maktab Rendah Sains MARA (MRSM) Pengkalan Chepa, Kelantan Darul Naim.

Task involve: Preliminary Estimate, Tender Document, Tender Evaluation, Tender Report, Contract Document, Interim Payment, Variation Order & Re-measurement and Final Account.

MM QUANTITY SURVEYORS

October 2003 – February 2007

Senior Contract Executive

Responsible and involve in all QS task starting from pre contract stages until post contract stages for the project:

1. Design and Build Projects – MRSM Alor, Gajah Melaka.
2. Design and Build Projects MRSM Kuala Kangsar, Perak.
3. Construction and Completion of Administration Building at Penjara Kajang, Selangor.
4. Construction and Completion of KKDN Projects, Police Stations.
5. Private Bungalow for Dato' Pahamin Rejab at Sungai Pencala, Selangor.

Task involve: Preliminary Estimate, Tender Document, Tender Evaluation, Tender Report, Contract Document, Interim Payment, Variation Order & Re-measurement and Final Account.

CURRENT WORKING EXPERIENCE

UNIVERSITI TEKNOLOGI MARA (PERAK) MARCH 2003 UNTIL PRESENT QUANTITY SURVEYING LECTURER

The roles and responsibilities are according to the relevant mechanisms and sorted according to teachings undergraduate modules, supervision and academic research, writings and publications, research and development (R&D), consultancy as well as administrative works.

Teachings Undergraduate Modules (Core Subject):

1. Measurement of Construction Works
2. Construction Technology
3. Pre-Contract Administration Practice
4. Final Projects
5. Applied Studies

CONSULTANCY/EXPERT

1. Projek Menaik Taraf Rekebentuk Dalaman Pejabat Ikram Perak' for Pertubuhan Ikram Malaysia (Ikram) Negeri Perak. Appointment as Quantity Surveyor, 2012.
2. 'Laporan Kerosakan Dan Kecacatan Bangunan Kolej Kediaman Pelajar UiTM (Perak)' for UiTM (Perak). Appointment as Internal Consultant, 2012
3. 'Projek Khas – Pusat Kesihatan, Universiti Teknologi Mara (Perak)' for UiTM (Perak). Appointment as Internal Consultant, 2012.
4. Cadangan Membina Sebuah Bangunan Dewan Squash dan Di Zon 4 UiTM Perak' for UiTM (Perak). Appointment as Internal Consultant, 2007.
5. 'Pakar Rujuk' Discussing on issues related to Public Private Partnership projects at Fakultas Teknik Sipil dan Perencanaan, Universiti Trisakti, Indonesia. 28 October 2019.

RESEARCH GRANTS

1. Izatul Farrita Mohd Kamar, **Nor Suzila Lop** and Asniza Hamimi Abdul Tharim. Excellent Fund, Research Management Institute, UiTM. Barriers and Facilitating Factors that Influences to the OSHA Construction Developer's Compliance. 2008-2009, Amount: RM7,800.

2. Asniza Hamimi, **Nor Suzila Lop**, and Izatul Farrita Mohd Kamar. Fundamental Research Grant Scheme (FRGS) Phase 1/2010, Research Management Institute (RMI), UiTM. An Analysis on Construction Ergonomics Risk Factors and Development of New Management Guidelines. 2010-2012, Amount: RM40,000.
3. **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Assoc. Prof. Sr. Dr. Hjh Faridah Ismail. Excellent Fund, Research and Industrial Linkages, UiTM (Perak). The Musculoskeletal Disorder among Malaysian Construction Trade Workers. 2012, Amount: RM2,000.
4. Noor Aishah Mohamad Hamdan, Assoc. Prof. Sr. Hj Mohd Fisal Ishak and **Nor Suzila Lop**. Excellent Fund, Research and Industrial Linkages, UiTM (Perak). Compensable Delay for Housing Project. 2012, Amount: RM2,000
5. Kharizam Ismail, **Nor Suzila Lop**. Geran Khas Penyeliaan Perak (GKIPP), Research and Industrial Linkages, UiTM (Perak). Development of KPI-Based Method Performance Measurement Tool for Public Private Partnership Project in Malaysia. 2018, Amount: RM3,000
6. Lilawati Ab Wahab, Kharizam Ismail, Mahanim binti Hanid, Mohd Fisal Ishak, Wan Rabiah binti Wan Omar, **Nor Suzila Lop**. Sustainable Design Model of Inclusive Playground Aimed for Children with Disabilities in Malaysia. 1 September 2019 – 28 February 2022. Fundamental Research Grant (FRGS), RM56,000.00.
7. Izatul Farrita Mohd Kamar, Suraya Masrom, Asmalia Che Ahmad, **Nor Suzila Lop**. Predictive Automated Machine Learning Model of Rail Accident Costs in Malaysia. 1 September 2021 – 31 Ogos 2023. Geran Penyelidikan MyRA Lepas PhD, RM10,000.00.

ACADEMIC PUBLICATIONS

- 1) Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Asniza Hamimi Abdul Tharim, “Assessing the Effectiveness of the Facilities Resourcing Options at the Ampang Puteri Specialist Hospital” Proceeding of The Management in Construction Researcher Association (MICRA) USM, Pulau Pinang, Malaysia. 2009
- 2) **Nor Suzila Lop**, Asniza Hamimi Abdul Tharim, Izatul Farrita Mohd Kamar, “An Analysis on the Barriers in Complying OSHA by the Malaysian Construction Organizations- Literature Review” Proceeding of The Management in Construction Researcher Association (MICRA) USM, Pulau Pinang, Malaysia. June 2009
- 3) Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Asniza Hamimi Abdul Tharim, “Literature Review on the Overview of Resourcing in Facilities Management” Seminar Alam Bina Siri 2, UiTM Perak, Malaysia. Julai 2009
- 4) **Nor Suzila Lop**, Asniza Hamimi Abdul Tharim, Izatul Farrita Mohd Kamar, “The Responsibility of Malaysian Construction Organizations in Complying with OSHA Provisions” Seminar Alam Bina Siri 2, UiTM Perak, Malaysia. July 2009.

- 5) Asniza Hamimi Abdul Tharim, Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, "Pengaruh Reka Bentuk Bumbung Rumah Teres Kos Rendah Terhadap Pemindahan Haba" Regional Seminar Science, Technology & Social Sciences (STSS) 2010, UiTM Pahang, Malaysia. June 2010.
- 6) **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Asniza Hamimi Abdul Tharim, "Factors That Facilitate Malaysian Construction Organizations in Complying with OSHA Provisions" Regional Seminar Science, Technology & Social Sciences (STSS) 2010, UiTM Pahang, Malaysia. June 2010.
- 7) Izatul Farrita Mohd Kamar, Asniza Hamimi Abdul Tharim, **Nor Suzila Lop**, "Facilitating Factors of OSHA Compliance By Malaysian Construction Organization" International Conference on Science and Application in Industry and Education (ICSTIE) UiTM Pulau Pinang, Malaysia. Dis 2010.
- 8) **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Asniza Hamimi Abdul Tharim, "Identification Level of Awareness in Complying with OSHA Provision by the Malaysian Construction Developers" International Conference on Science and Application in Industry and Education (ICSTIE) UiTM Pulau Pinang, Malaysia. Dicember 2010
- 9) Asniza Hamimi Abdul Tharim, Noraidawati Jaffar, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, "Ergonomic Risk Controls in Construction Industry- A Literature Review" The 2nd International Building Control Conference IBCC 2011 UiTM Perak Malaysia, Julai 2011 (Indexed Scopus)
- 10) Asniza Hamimi Abd Tharim, Noraidawati Jaffar, Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, "A Literature Review of Ergonomics Risk Factors in Construction Industry" 2nd International Building Control Conference (IBCC 2011). Julai 2011 (Indexed Scopus)
- 11) Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Asniza Hamimi Abdul Tharim, Noraidawati Jaffar, "The Effects of MSD's Symptoms in Relation to Ergonomics Risk Factor: A Conceptual Study" International Conference on Arts, Social Sciences & Technology (ICAST), Penang, Malaysia. Mac 2012
- 12) Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Shahela Mamter, Norazlin Mat Salleh, Mohd Esham Mamat "Customer's Satisfaction Towards Facilities Provided in Private Hospital" International Conference on Arts, Social Sciences & Technology (ICAST), Penang, Malaysia. Mac 2012
- 13) **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Asniza Hamimi Abdul Tharim, Noraidawati Jaffar, "Understanding Ergonomics Risk Management Associated with Musculoskeletal Injuries: A Theoretical Study" International Conference on Arts, Social Sciences & Technology (ICAST), Penang, Malaysia. Mac 2012
- 14) Noraidawati Jaffar, Asniza Hamimi Abdul Tharim, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, "A Conceptual Overview of Ergonomics in Construction Industry" 1st International Conference on Innovation and Technology for Sustainable Built Environment (ICITSBE), UiTM Perak, Malaysia. April 2012
- 15) Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Norazlin Mat Salleh, Shahela Mamter, Hafizatul Akmal, "Identifying the Contractor's Level of Awareness on Occupational Safety and Health (OSH) Management Systems in Construction Industry" The 3rd International Building Control Conference (IBCC 2013). November 2013 (Indexed WOS)

- 16) **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Norazlin Mat Salleh, Shahela Mamter, "Identifying the Level of Awareness on Value Management Practice Amongst Malaysian Construction Developers" The 3rd International Building Control Conference (IBCC 2013). November 2013 (Indexed WOS)
- 17) Norazlin Mat Salleh, Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Shahela Mamter, "The Escalating of Numbers of Foreign Workers in Construction Site" The 3rd International Building Control Conference (IBCC 2013). November 2013 (Indexed WOS)
- 18) Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Siti Nurfarhana, "The Awareness Adoption of Green Roof Towards Sustainable Development Amongst Public" 2nd International Conference on Innovation and Technology for Sustainable Built Environment (ICITSBE II), UiTM Perak, Malaysia. May 2014
- 19) **Nor Suzila Lop**, Mohd Aizat Mohd Apani, Izatul Farrita Mohd Kamar, Norazlin Mat Salleh, Shahela Mamter, Noor Aishah Mohamad Hamdan. Identifying the Level of Awareness on Value Management Practice amongst Construction Developers. MATEC Web of Conferences 15, 01029 (2014). (Indexed WOS)
- 20) Shahela Mamter, Mohd Esham Mamat, Norazlin Mat Salleh, Izatul Farrita Mohd Kamar, **Nor Suzila Lop**. Effectiveness of Practicing Supply Chain Management in Construction Site. MATEC Web of Conferences 15, 01024 (2014). (Indexed WOS)
- 21) Izatul Farrita Mohd Kamar, Lilawati Ab Wahab, **Nor Suzila Lop**, Noor Aishah Mohamad Hamdan, "Identifying the Challenges in Obtaining Green Building Index (GBI) Certification in Construction Industry" Postgraduate Conference on Global Green Issues (Go Green), UiTM (Perak), Malaysia. October 2015
- 22) Lilawati Ab Wahab, Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Noor Aishah Mohamad Hamdan, "Adaptive Re-Use Principles in Historic Hotel Buildings in Melaka and George Town" The 4th International Building Control Conference (IBCC 2016). Mac 2016
- 23) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa (2016). Performance Assessment Framework for Private Finance Initiative Projects in Malaysia. Material Science, Engineering and Chemistry (MATEC) Web of Conferences. Vol. 66 (00049), pp. 1-8. (Indexed WOS)
- 24) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa (2017). The Implementation of Key Performance Indicators in the Malaysian Private Finance Initiative Projects. Environment-Behaviour Proceedings Journal. Vol. 2(5), pp. 95-104. ISSN: 2398-4287© 2017. (Indexed WOS)
- 25) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa (2017). An 'Amalgamated-Model' of Performance Measurement for Private Finance Initiative Project in Malaysia. Malaysian Journal of Sustainable Environment. Vol 2 (1), pp. 19-42. ISSN: 0128-326X. (Indexed MyCite)
- 26) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa and Natasha Khalil (2017). Factors Affecting the Operational Performance of Public Private Partnership (PPP) Projects: Cases in Malaysia. International Journal of Academic Research in Business and Social Sciences. Vol. 7, No. 11, pp. 1394-1409. ISSN: 2222-6990. (Indexed ERA)

- 27) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa (2018). A Conceptual Framework of Performance Measurement Tool for Private Finance Initiative Projects in Malaysia. *Journal of Building Performance*. Vol. 9, Issue 1, 2018, pp. 1-12. ISSN: 2180-2106. (Indexed Mycite)
- 28) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa (2018). The Execution of Key Performance Indicators in the Operational Phase of PFI Projects in Malaysia. *Asian Journal of Quality of Life*. Vol. 3 (12) Jul/Aug 2018, pp.157-167. eISSN: 2398-4279
- 29) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa and Natasha Khalil (2018). An effective approach of performance measurement systems for adoption in construction projects. *Journal of Engineering Science and Technology*. Vol. 13, No. 12, December 2018, pp. 3951-3963. ISSN: 1823-4690. (Indexed Scopus)
- 30) **Nor Suzila Lop**, Norazlin Mat Salleh, Fairiz Miza Yop Zain and Mohamad Tajudin Saidin (2019). Ergonomic Risk Factors (ERF) and their Association with Musculoskeletal Disorders (MSDs) among Malaysian Construction Trade Workers: Concreters. *International Journal of Academic Research in Business and Social Sciences*, 9(9), 1269-1282. ISSN: 2222-6990. (Indexed ERA)
- 31) Fairiz Miza Yop Zain, Dasimah Omar, Mohamad Tajudin Saidin, **Nor Suzila Lop** (2019). Drivers of Non-Participation in Environmental Impact Assessment (EIA) with Evidence to Malaysia's MRT Project. *International Journal of Academic Research in Business and Social Sciences*, 9(11), 1221-1227. ISSN: 2222-6990. (Indexed ERA)
- 32) Norazlin Mat Salleh, **Nor Suzila Lop**, Shahela Mamter, Zaiwannizar Zainal Abidin (2020). Preliminary Survey on Availability of Local Skilled Construction Workers at Construction Sites. *International Journal of Academic Research in Business and Social Sciences*, 10(3), pp.618-632. ISSN: 2222-6990. (Indexed ERA)
- 33) Mohamad Tajudin Saidin, Izran Sarrazin Mohammad, Fairiz Miza Yop Zain, and **Nor Suzila Lop** (2020). Establishing the Content Validity Index of Post Occupancy Evaluation (Poe) Of Green Building in Malaysia. *Malaysian Journal of Sustainable Environment*. Vol 7 (1), pp. 73-98. ISSN: 0128-326X. (Indexed MyCite)
- 34) **Nor Suzila Lop** (2020). An Empirical Investigation on Factors Improving the Execution of Key Performance Indicators (KPIs) For Assessing the Operational Performance of PPP Projects. *E-Proceeding Virtual Go-Green*.
- 35) Muhammad Hafizzudin Mohamad Nasir, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Norazlin Mat Salleh (2020). Determinants of Driving Factors in Practicing Energy Efficiency in Malaysian Public University Buildings. *E-Proceeding Virtual Go-Green 2020*.
- 36) Izatul Farrita Mohd Kamar, Asmalia Che Ahmad, **Nor Suzila Lop** (2020). An Analysis of Personal Protective Equipment (PPE) Costs That Incurred by The Contractor of MRT Projects. *E-Proceeding Virtual Go-Green 2020*.
- 37) Syarifah Nur Nazihah Syed Jamalulil, Abdul Muhaimin Abdul Wahid, **Nor Suzila Lop**, Mohammad Nasharudine Shuib, Norazlin Mat Salleh (2020). Adjudication as Resolver in The Construction Payment Issues: A Literature Review. *E-Proceeding Virtual Go-Green 2020*.

- 38) Abdul Aziz, M. N., **Lop, N. S.**, Kamar, I. F. M., Abdullah, L., & Akhir, N. M. (2020). Accessibility Analysis of Interactive Kiosk in National Music Museum. *International Journal of Academic Research in Business and Social Sciences*. 10(9), 1033-1046. (Indexed ERA)
- 39) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa and Natasha Khalil (2020). Exploring Private Finance Initiative Implementation Issues in Malaysia Construction Projects: A Way Forward. *Environment-Behaviour Proceedings Journal*, 5(SI3), pp.41-46. eISSN: 2398-428. (Indexed WOS)
- 40) Haryati Mohd Isa, Daljeet Singh Sedhu, **Nor Suzila Lop**, Kushairi Rashid, Othman Mohd Nor, and Mohd Iffahd (2021). Strategies, Challenges and Solutions Towards Implementation of Green Campus in Uitm Perak. *Journal of the Malaysia Institute of Planners*. VOLUME 19 ISSUE 2 (2021), Page 60 – 71. (Indexed Scopus)
- 41) **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Nor Atiqah Mustapa (2021). A Conceptual Framework of Ergonomics Risks Among Higher Education Lecturers While Working from Home During the Covid-19 Pandemic Crisis. *International Journal of Academic Research in Business and Social Sciences*. 11(9), 796–810. (Indexed ERA).
- 42) Farrah Rina Mohd Roshdi, Kharizam Ismail, **Nor Suzila Lop**, Lilawati Ab Wahab (2021). Conceptual framework of resource-based cost allocation at procurement phase for onshore fabrication oil and gas projects. *The 5th International Conference on Rebuilding Place, IOP Conf. Series: Earth and Environmental Science* 881 (2021) 012021, 1-6. (Indexed Scopus)
- 43) Lilawati Ab Wahab, Kharizam Ismail, **Nor Suzila Lop**, Nurul Asyikin Mohd Radzi, Mahanim Hanid (2021). A Scoping Review on the Challenges in Implementing Universal Design on Children Public Playground. *International Journal of Academic Research in Business and Social Sciences*. 11(10), 1165–1176. (Indexed ERA).
- 44) Izatul Farrita Mohd Kamar, Mohd Hadi Putra Umari, **Nor Suzila Lop** and Asmalia Che Ahmad (2022). Personal Protective Equipment and Costs Incurred by the Contractors of Mass Rapid Transit Projects in Malaysia. *Malaysian Construction Research Journal* Vol. 16 (2), 72-79. (Indexed Scopus).
- 45) Muhammad Hafizzudin Mohamad Nasir, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar and Norazlin Mat Salleh (2022). An Empirical Study on The Driving Factors of Practicing Energy Efficiency in Malaysian Public University Buildings. *Malaysian Construction Research Journal* Vol. 16 (2), 187-199. (Indexed Scopus).
- 46) **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa and Natasha Khalil (2022). Factors Improving the Implementation of Key Performance Indicators (KPIs) In Assessing Operational Performance of PPP Projects: Cases in Malaysia. *Malaysian Construction Research Journal* Vol. 16 (2), 123-136. (Indexed Scopus).

BOOK CHAPTERS

1. **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa and Natasha Khalil (2017). 3Ps-PMT: Performance Measurement Tool for Public Private Partnership Projects in Malaysia. Creative Innovation Without Boundaries, Series 2/2017. Chapter 17, pp. 73-77. ISBN: 978-967-15509-0-8.
2. Mohamad Tajudin Saidin, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Fairiz Mirza Yop Zain, Mohd Nazri Abdullah (2019). QS-SMARTedu: An Innovative Approach in Diversifying Student Learning Style. Leading Towards Creativity & Innovation, Series 2/2019. Chapter 37, pp. 237-241. ISBN: 978-967-17324-3-4
3. Mohamad Tajudin Saidin, Fairiz Miza Yop Zain, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar (2020). Augmented Reality in Construction Technology: An Innovative Approach in Accommodating Student Learning style. Hub for Innovative Teaching and Learning (HITeL), UiTM Cawangan Perak
4. Fairiz Miza Yop Zain, Mohamad Tajudin Saidin, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar (2020). MEASURE-RULE.EDU: An Innovative Approach in Strengthen Student Understanding and Memorizing. Hub for Innovative Teaching and Learning (HITeL), UiTM Cawangan Perak.
5. Lilawati Ab Wahab, Kharizam Ismail, **Nor Suzila Lop**, Nurul Asyikin Mohd Radzi and Mahanim Hanid (2021). Perception To Inclusion: The Challenge of Addressing Play Diversity in Playground. Emerging Issues in Education and Management: Behaviours and Society, pp. 117-122. eISBN 978-967-18546-8-6.

RESEARCH AND DEVELOPMENT (R&D)

1. **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Shahela Mamter, Norazlin Mat Salleh, Masurah Mohamad, "Preparation Examination Paper System (PepS) "2nd Innovation, Invention and Design UiTM (IID UiTM Perak) 2012", 5 -6 July 2012 Dewan Seri Iskandar UiTM (Perak) (ISBN 978-967-5741-10-4) (**SILVER AWARD**)
2. **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Shahela Mamter, Norazlin Mat Salleh, Masurah Mohamad, "Preparation Examination Paper System (PepS) "Invention, Innovation, Design and Expo (iideX 2013)", 15 -17 Mac 2013 Dewan Agung Tuanku Canselor (DATC), UiTM (Shah Alam) (**BRONZE AWARD**)
3. **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Shahela Mamter, Norazlin Mat Salleh, Masurah Mohamad, "Preparation Examination Paper System (PepS)" International Innovation, Design and Articulation (iDea 2013)", 28 -30 May 2013, UiTM (Perlis) (**GOLD AWARD**)

4. Dr. Haryati Mohd Isa, Assoc. Prof. Dr. Padzil @ Hassan, Assoc. Prof. Dr. Roshana Takim, Masnizan Che Mat and **Nor Suzila Lop**. An Improvement Defect Liability Management System (IDLMS) For Managing Defects in Construction Projects. International Invention, Innovation, and Design (IID Johor, 2014), UiTM Johor. **(GOLD AWARD)**
5. Dr Lilawati Ab Wahab, Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Noor Aishah Mohamad Hamdan, Masurah Mohamad. 'Quantity Surveying Dissertation Database (QSDD)' International Innovation, Design and Articulation (iDea 2014)", 17 - 19 September 2014, UiTM (Perlis) **(SILVER AWARD)**
6. Dr Lilawati Ab Wahab, Izatul Farrita Mohd Kamar, **Nor Suzila Lop**, Noor Aishah Mohamad Hamdan, Masurah Mohamad, 'Quantity Surveying Dissertation Database System (QSDD)' 4th International Invention, Innovation & Design (INDES 2015)", 13-14 June 2015, UiTM (Perak) **(SILVER AWARD)**
7. **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa, Natasha Khalil. Innovation & Invention Competition Title "Public Private Partnership Performance Measurement Tool (3Ps-PMT) - version 1". Presented in the 5th International Innovation, Invention and Design (INDES) 2016 at UiTM Perak on 9-10 November 2016. **(SILVER AWARD)**
8. **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa, Natasha Khalil. Innovation & Invention Competition Title "3Ps-PMT: Public Private Partnership Performance Measurement Tool - version 2". Presented in 6th International Innovation, Invention and Design Competition (INDES) 2017 at Casuarina@Meru, Ipoh, Perak, Malaysia on 7-8 November 2017. **(GOLD AWARD)**.
9. **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa. Innovation & Invention Competition Title "3Ps-PMT: Public Private Partnership Performance Measurement Tool - version 3". Presented in International Invention & innovative Competition (InIIC Series 2/2017) at Cameron Highland, Pahang on 18 November 2017. **(GOLD AWARD)**.
10. **Nor Suzila Lop**, Kharizam Ismail, Haryati Mohd Isa. Innovation & Invention Competition Title "3Ps-PMT: Public Private Partnership Performance Measurement Tool - version 4". Presented in International Innovation, Design and Articulation (i-IDEA) 2018 at UiTM Perlis on 24-26 April 2018. **(GOLD AWARD)**.
11. Mohd Tajudin Saidin, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Fairiz Miza Abdullah. Competition Title: "QS-SMARTedu". Presented in Invention & Innovative Competition (InIIC Series 2/2019) at Palace of the Golden Horses, Selangor on 2 November 2019. **(SILVER AWARD)**.

12. Mohd Tajudin Saidin, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Fairiz Miza Abdullah. Competition Title “Augmented Reality in Construction Technology: An Innovative Approach in Enhancing Student Learning Style”. Presented in Innovative Reaching & Learning Competition 2019 at UiTM Perak on 8 November 2019. **(GOAL AWARD)**.
13. Fairiz Miza Abdullah, **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Mohd Tajudin Saidin, Nazli Ahmad. Competition Title “MEASURE-RULEedu: An Innovative Approach in Broaden Student Learning Style”. Presented in Innovative Reaching & Learning Competition 2019 at UiTM Perak on 8 November 2019. **(GOAL AWARD)**.
14. **Nor Suzila Lop**, Izatul Farrita Mohd Kamar, Lilawati Ab Wahab, Noor Aishah Mohamad Hamdan, Mohamad Nasir Abdul Aziz. Undergraduate Research Writing (URW) Toolbox. Presented in HITeL Teaching & Learning Innovation Competition 2022 on 30 June 2022. **(BRONZE AWARD)**.
15. Norazlin Mat Salleh, Fairiz Miza Yop Zain, Mohd Hafiz Saberi, Wan Norizan Wan Ismail, Nor Atiqah Mustapa, Zaiwannizar zainal Abidin, **Nor Suzila Lop**, Mohamad Tajudin Saidin. Let’s Explore Property Market. Presented in HITeL Teaching & Learning Innovation Competition 2022 on 30 June 2022. **(BRONZE AWARD)**.

INVITED SPEAKERS

- 1) Research Writing Workshop (Bachelor of Quantity Surveying Programme) at Bilik ILQAM, Bangunan Ukur Bahan, Universiti Teknologi MARA, Cawangan Perak on 15 November 2018.
- 2) Invited as a speaker for knowledge Sharing on Public Private Partnership at Fakultas Teknik Sipil dan Perencanaan, Universiti Trisakti, Indonesia. 28 October 2019.
- 3) Research Writing Workshop (Bachelor of Quantity Surveying Programme) at Bilik ILQAM, Bangunan Ukur Bahan, Universiti Teknologi MARA, Cawangan Perak on 22 November 2019.
- 4) Writing A Research Article for Bachelor of Quantity Surveying Programme, Jabatan Pengajian Alam Bina dan Teknologi, Universiti Teknologi MARA, Cawangan Perak on 29 Disember 2021.
- 5) Invited as a speaker on Public Private Partnership / Public Finance Initiative Project at Maju Mulia Group Sdn. Bhd., Kota Damansara, Selangor on 30 June 202.

PANEL EXPERT/EXAMINER (ACADEMIC)

- 1) Appointed as a panel expert for Defence of Research Proposal MSc In Green Architecture at UiTM Perak. Student name: Mohd Hassan Bin Khairil Anuar, Title “Developing Government Green Procurement (GGP) Best Practice Framework Towards Achieving Low Carbon Building”. 14 February 2020.
- 2) Appointed as a panel expert for Defence of Research Proposal MSc In Built Environment UiTM Shah Alam. Student name: Debbie Sophia Binti Henry Bok, Title “An Analysis of Particulate Matter (Total PM Pending, PM, PM2.5 and PM10) Concentration and Passenger’s Perception at Light Rail Transit Stations”. 22 Disember 2020.
- 3) Appointed as a panel expert for Defence of Research Proposal MSc In Built Environment UiTM Shah Alam. Student name: Azirah Hazwani Binti Ahmad Daud, Title “An Action Plan Framework for Control the LRT3 – Based on Air Pollution towards The Health Impact Community in Shah Alam”. 22 Disember 2020.
- 4) Appointed as a panel expert for Mock Viva for MSc In Green Architecture at UiTM Perak. Student name: Nur Athira Binti Kamarul Zaman, Title “Adaptive Reuse of Heritage Penang’s Clan Houses as a Museum in George Town, UNESCO Worlds Heritage Site”. 7 Disember 2020.
- 5) Appointed as Interview panel for candidate from Master in Built Environment (AP781), 20 Oct 2020.
- 6) Appointed as a panel assessment for Defense Research Proposal (DRP) for MSc In Green Architecture at UiTM Perak. Student name: Nurul Hidayah Binti Harun, Title “The Sustainable Renovation Guideline for Residential Housing in Perak by Local Authority. 10 Mei 2022.
- 7) Appointed as a Thesis Examiner for VIVA-VOCE MSc In Green Architecture at UiTM Perak. Student name: Mohammad Hassa Khairil Anuar, Title “Developing Green Procurement (GP) Criteria for Best Practice Towards Achieving Green Construction. 4 July 2022.
- 8) Appointed as a Thesis Examiner for VIVA-VOCE MSc In Green Architecture at UiTM Perak. Student name: Ahmad Afiq Mohd Muhiddin, Title “Green Campus Implementation Practices In the Malaysian Public Universities. 4 July 2022.

POST-GRADUATE SUPERVISION

Main Supervisor

- 1) -

Co-Supervisor

- 1) Farrah Rina Binti Mohd Roshdi – On going

Title of Research: Resource-Based Cost Allocation Framework (ReCAF) in Procurement Phase for Onshore Fabrication Projects.
PhD in Design and Built Environment, UiTM Perak (AP992).

PAPER REVIEWER

- 1) Appointed as reviewer for vGo-Green 2020 e-proceeding, UiTM Perak. Title of paper: Contributory Dimensions on Cross-Cultural Work Adjustments for Professional Malaysian Expatriates in Construction Industry National, 29/09/2020.
- 2) Appointed as reviewer for vGo-Green 2020 e-proceeding, UiTM Perak. Title of paper: The Quest for Reconceptualising Social Impacts of Resettlement Scheme: A Critical Review, 29/09/2020.
- 3) Appointed as reviewer for vGo-Green 2020 e-proceeding, UiTM Perak. Title of paper: Managing Issues on Risk Management Implementation among Sub Contractors in Northern Area, 29/09/2020.
- 4) Appointed as reviewer for vGo-Green 2020 e-proceeding, UiTM Perak. Title of paper: Limitation of CIPAA Implementation in The Construction Industry from Contractor's Perspective in Klang Valley, 29/09/2020.
- 5) Appointed as reviewer for vGo-Green 2020 e-proceeding, UiTM Perak. Title of paper: Direct and Indirect Cost Involved in Implementing Industrialized Building System (IBS) Construction, 29/09/2020.
- 6) Appointed as reviewer for International Conference on Research Methodology for Built Environment and Engineering (ICRMBEE 2021). A Cross-case Analysis on the Barriers to Knowledge Sharing Practices in Construction Joint Ventures, 19/09/2021.
- 7) Appointed as reviewer for 1ST International e-Conference on Green & Safe Cities (IeGRESAFE 2022). Right-To-Know on Risks from Exposure to Building Materials During Refurbishment of Heritage Mosques, 15 June 2022.
- 8) Appointed as reviewer for 1st 2022 International Conference on Sustainable Environment, Development, and Energy (CONSER 2022). The Development of Systematic Road Accident Database and Analysis System for Sustainable Campus, 22 June 2022.

- 9) Appointed as reviewer for 1st 2022 International Conference on Sustainable Environment, Development, and Energy (CONSER 2022). Managing Water Scarcity in an Era of Climate Change in Developing Countries: The Case Study of Kenya, 22 June 2022.
- 10) Appointed as reviewer for 1st 2022 International Conference on Sustainable Environment, Development, and Energy (CONSER 2022). Customizing Ethical Tools for Malaysian Farmers: A Case for GM Crops Technology, 22 June 2022.
- 11) Appointed as reviewer for 1st 2022 International Conference on Sustainable Environment, Development, and Energy (CONSER 2022). The effects of Belt and Road Initiative on environment and Sustainable Development Goals among the ASEAN countries: The panel-type quantile estimates, 22 June 2022.
- 12) Appointed as reviewer for 1st 2022 International Conference on Sustainable Environment, Development, and Energy (CONSER 2022). The Challenges of Green Supply Chain Management (GSCM) System Implementation in Civil Construction Project, 22 June 2022.