



**CURRICULUM VITAE
LECTURE UiTM PERAK**

NAME : Dr. Izatul Farrita bt. Mohd Kamar

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POSITION : Senior Lecturer

DEPARTMENT : Quantity Surveying

FACULTY : Department of Built Environment Studies & Technology

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APPOINTMENT STATUS : Permanent

ACADEMIC QUALIFICATION : Diploma, Quantity Surveying, Universiti Teknologi Malaysia, 2002.
(Qualification), (Discipline),
(Institution), (Year) Bachelor, Quantity Surveying, Universiti Teknologi MARA Malaysia, 2005.
Master, Facilities Management, Universiti Teknologi MARA Malaysia, 2006.
PhD in Design and Built Environment, Universiti Teknologi MARA, 2020.

AREAS OF EXPERTISE : SAFETY & HEALTH MANAGEMENT,
FACILITIES MANAGEMENT,
(Main), (Sub),(Area) Safety & health cost, resourcing, Outsourcing.

PROFESSIONAL AFFILIATION : Board of Quantity Surveyors Malaysia,
(Organisation), (Role), (From)-(Until) Registered Graduate Member, 2008–present

LIST OF PUBLICATIONS :

Research Paper

- 1) **Izatul Farrita Mohd Kamar**, “Assessing the Effectiveness of the Facilities Resourcing Options at the Selangor medical Centre Private Hospital” Seminar Alam Bina Siri 1, UiTM Perak, Malaysia. 2008.
- 2) **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
- 3) 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
- 4) **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
- 5) 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.
- 6) 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.
- 7) 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.
- 8) **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
- 9) 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. December 2010

- 10) 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
- 11) 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
- 12) **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
- 13) **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
- 14) 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
- 15) 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
- 16) **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
- 17) 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
- 18) 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
- 19) **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
- 20) **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
- 21) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, *“A Conceptual Framework of Safety and Health Cost in Construction Management”* The 4th International Building Control Conference (IBCC 2016). Mac 2016
- 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) Asmalia Che Ahmad, Ida Nianti Mohd Zin, Mohamad Nasrin Rosli, Abdul Muhaimin Ab Wahid, **Izatul Farrita Mohd Kamar**, "Hazard and Risk of Highway Maintenance Works: Case Study of Plus Expressway" The 4th International Building Control Conference (IBCC 2016). Mac 2016
- 24) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohamad Mohd Derus, Nik Nur Khairunnisa Nik Mohd Ainul Azman "Sustainable Construction Safety Cost for Rail Infrastructure Project in Achieving Quality of Life – A Literature Review" The 7th International Conference on Postgraduate Education (ICPE-7 2016), UiTM Shah Alam, Selangor. November 2016
- 25) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohamad Mohd Derus, "Overview of Safety & Health Cost Framework for the Construction of Rail Infrastructure Projects" Postgraduate Seminar in Technology and Built Environment 2017, UiTM Perak, Malaysia. January 2017
- 26) **Izatul Farrita Mohd Kamar**, Nik Nur Khairunnisa Nik Mohd Ainul Azman, Asmalia Che Ahmad, Mohamad Mohd Derus "Preliminary Survey of Safety and Health Cost Framework for Urban Rail Infrastructure Project in Malaysia" 5th AMER International Conference on Quality of Life (AicQoL) 2017, Chulalongkorn University, Bangkok Thailand. February 2017
- 27) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohamad Mohd Derus, Nik Nur Khairunnisa Nik Mohd Ainul Azman "Conceptual Framework of Sustainable Safety Cost Items at the Operational Stage of Urban Rail Infrastructure Project" ASIA International Multidisciplinary Conference 2017, Universiti Teknologi Malaysia, Malaysia. May 2017
- 28) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohamad Mohd Derus "Overview of Safety & Health Cost Framework for the Construction of Rail Infrastructure Projects" Malaysian Journal of Sustainable Environment (MySE), Vol. 2 (1), Pg. 101-120, 2017.
- 29) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad "A Methodology to Develop Occupational Safety & Health Costs Model for the Urban Rail Infrastructure Projects" International Journal of Academic Research in Business & Social Sciences (IJARBSS), Vol. 8, No.1, Pg. 577 – 589, January 2018.
- 30) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohamad Mohd Derus, Nik Nur Khairunnisa Nik Mohd Ainul Azman (2019). Exploring the Occupational Safety and Health Cost Typologies in the Construction of Malaysian Urban Rail Infrastructure Projects. Journal of Geographia Technica. Vol. 14, Special Issue 2019, April 2019, pp. 221–231.
- 31) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohamad Mohd Derus, Nik Nur Khairunnisa Nik Mohd Ainul Azman, Mohd Yusof Kasiron (2019). Generating a Systematic Construction Accident Costs Calculation for Urban Rail Infrastructure Project. Journal of Design and Built Environment. Vol. 19, No. 2, Ogos 2019, pp. 64–73.
- 32) Asmalia Che Ahmad, **Izatul Farrita Mohd Kamar**, Abdul Muhaimin Ab Wahid, Muhamad Fazreen Niza Shah Ismail (2019). Risk Assessment of Piling Work for Mass Rapid Transit (MRT) Construction Project. Journal of Geographia Technica. Vol. 14, Special Issue 2019, April 2019, pp. 232–241.
- 33) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohamad Mohd Derus, Mohd Yusof Kasiron, Mohamad Afandi Abu Bakar (2019). An Exploration of the Relationship Between the Safety and Health Cost Dimensions and the Accident Costs Incurred by the Employers of Urban Rail Infrastructure Projects. Malaysian Construction Research Journal. Vol. 8, No. 3, May 2019, pp. 188–198.
- 34) Fairiz Miza Yop Zain, Nor Suzila Lop, Mohamad Tajudin Saidin **Izatul Farrita Mohd Kamar**, Nazli Ahmad @ Taufik (2020). MEASURE-RULE.EDU: An Innovative Approach in Strengthen Student Understanding and Memorizing. Chapter in Book. Teaching & Learning Innovation for Future Education, Hub for Innovative Teaching and Learning (HiTel), UiTM Cawangan Perak.

- 35) Mohd Nasiruddin Abdul Aziz, Nor Suzila Lop, **Izatul Farrita Mohd Kamar**, Lizawati Abdullah, Norizan Mt Akhir (2020). Accessibility Analysis of Interactive Kiosk in National Music Museum. International Journal of Academic Research in Business & Social Research. Vol. 10, No. 9, September 2020, pp. 1033–1046.
- 36) **Izatul Farrita Mohd Kamar**, Mohd Hadi Putra Umari, Nor Suzila Lop and Asmalia Che Ahmad (2021). An Analysis of Personal Protective Equipment (PPE) Costs that Incurred by the Contractor of MRT Projects, v-GoGreen 2020 (VGG 2020), Universiti Teknologi Mara, September 2020.
- 37) Noor Anisah Abdullah, **Izatul Farrita Mohd Kamar**, Mohd Nazri Abdullah, Nor Atiqah Mustapa, Asmalia Che Ahmad, Syed Abdul Haris Syed Mustafa (2021). Impact of Covid-19 Pandemic to the Construction Cost in Malaysia: Construction Stakeholder's Perspective, v-GoGreen 2021 (VGG 2021), Universiti Teknologi Mara, September 2021.
- 38) Noor Anisah Abdullah, **Izatul Farrita Mohd Kamar**, Mohd Nazri Abdullah, Nor Atiqah Mustapa, Asmalia Che Ahmad, Syed Abdul Haris Syed Mustafa (2021). Economic Challenges: Conceptual Framework on Factors Affecting Construction Cost During Covid-19 Pandemic in Malaysia, IOP Conference Series: Earth and Environmental Science.
- 39) **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, No. 2, 2022, pp. 72–80.
- 40) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohamad Mohd Derus (2022). Prevention Cost Components Priorities for Urban Rail Infrastructure Projects. International Journal of Sustainable Construction Engineering and Technology. Vol. 13, No. 2, April 2022, pp. 83–90.

LIST OF AWARDS

Inovation

- 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", Silver Award, 5 -6 July 2012 Dewan Seri Iskandar UiTM (Perak) (ISBN 978-967-5741-10-4)
- 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)", Bronze Award, 15 -17 Mac 2013 Dewan Agung Tuanku Canselor (DATC), UiTM (Shah Alam)
- 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)", Gold Award, 28 -30 May 2013, UiTM (Perlis)
- 4) 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)", Silver Award, 17 - 19 September 2014, UiTM (Perlis)
- 5) 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)", Silver Award, 13-14 June 2015, UiTM (Perak)

- 6) **Izatul Farrita Mohd Kamar**, Sr Dr Asmalia Che Ahmad, Sr Dr Mohmad Mohd Derus, Nik Nur Khairunnisa Nik Mohd Ainul Azman, 'RaSCA Calculator for KVMRT System' Pertandingan Inovasi, UiTM Tapah, Gold Award, 15 Ogos 2017, UiTM (Perak)
- 7) **Izatul Farrita Mohd Kamar**, Sr Dr Asmalia Che Ahmad, Sr Dr Mohmad Mohd Derus, Mohd Yusof Kasiron, Nik Nur Khairunnisa Nik Mohd Ainul Azman, 'RaSCA Calculator for KVMRT System in Malaysia', International Conference of Art & Design (AICAD 2017), Gold Award, 2 Oktober 2017, Institut Seni Budaya Indonesia (ISBI) Bandung, Indonesia.
- 8) **Izatul Farrita Mohd Kamar**, Sr Dr Asmalia Che Ahmad, Sr Dr Mohmad Mohd Derus, Mohd Yusof Kasiron, Mohamad Afandi Abu Bakar, RaSCA Calculator for KVMRT System in Malaysia. Presented in 4th International Innovation, Design & Articulation (i-IDEA 2018) at UiTM Perlis on 24-26 April 2018. (*Bronze Award*).
- 9) **Izatul Farrita Mohd Kamar**, Sr Dr Asmalia Che Ahmad, Sr Dr Mohmad Mohd Derus, Mohd Yusof Kasiron, Mohamad Afandi Abu Bakar, Rail Safety Costs Allocation (RaSCA) Calculator V2 in 7th International Innovation, Invention & Design Competition (INDES 2018) at UiTM Perak on 15 August 2018. (*Bronze Award*).
- 10) **Izatul Farrita Mohd Kamar**, Sr Dr Asmalia Che Ahmad, Sr Dr Mohmad Mohd Derus, Mohd Yusof Kasiron, Mohamad Afandi Abu Bakar, RaSCA Calculator Handbook V2.0 in International Conference of Art & Design (AICAD 2017) at Langkawi on 3-6 October 2018. (*Gold Award*).
- 11) **Izatul Farrita Mohd Kamar**, Sr Dr Asmalia Che Ahmad, Sr Dr Mohmad Mohd Derus, Mohd Yusof Kasiron, Mohamad Afandi Abu Bakar, Intelligent RaSCA Calculator V3.0 in International Invention, Innovation & Design Exposition (iidex 2019) at UiTM Selangor on 13 September 2019. (*Gold Award*).

Research Paper

- 1) **Izatul Farrita Mohd Kamar**, Asmalia Che Ahmad, Mohmad Mohd Derus, "Overview of Safety & Health Cost Framework for the Construction of Rail Infrastructure Projects" Best Paper Award, Postgraduate Seminar in Technology and Built Environment 2017, UiTM Perak, Malaysia. January 2017

Invited Speakers

- 1) Rail Infrastructure OSH Calculator. Invited speaker in Persidangan Bersempena Hari Sedunia bagi Keselamatan dan Kesihatan Pekerjaan 2018 (Projek MRT Laluan 2-SSP Line) at Auditorium, Pusat Latihan KVMRT, Sungai Buloh on 17 April 2018.
- 2) Overview of Safety and Health Cost Framework for the Construction of Urban Rail Infrastructure Project. Invited speaker in KVMRT SHE Practitioner Quarterly Meeting at Pusat Latihan KVMRT, Sungai Buloh on 31 Mei 2017.
- 3) Invited speaker in Research Writing Workshop (Bachelor of Quantity Surveying Programme) at Bilik ILQAM, Bangunan Ukur Bahan, Universiti Teknologi MARA, Cawangan Perak on 10 May 2019.

3MT Thesis Competition

- 1) Accident Costs Calculation Model for the Construction of Rail Infrastructure Projects. Presented in 3MT Thesis Competition at Universiti Teknologi Mara, Cawangan Perak on 22 February 2019. (*1st Runner Up*).

Appreciation Letter

- 1) Sustainable Construction Safety Cost Model (SuCSCost) in Achieving Safe and Save Quality of Life. Appreciation Letter from MRT Corporation Sdn Bhd on 8 July 2019.

LIST OF RESEARCH GRANTS :

- 1) **Izatul Farrita Mohd Kamar**, Nor Suzila Lop, “*Barriers And Facilitating Factors That Influences to the OSHA Construction Developer’s Compliance*”, 2008-2009, Dana Kecemerlangan UiTM, Amount: RM7,800.
- 2) Wan Nordiana Wan Mohd Ali, **Izatul Farrita Mohd Kamar**, “*Awareness and Barriers Factors That Influence To The Application of Construction Mediation* ”, 2008-2009, Dana Kecemerlangan UiTM, Amount: RM7,500.
- 3) Asniza Hamimi Abd Tharim, **Izatul Farrita Mohd Kamar**, Nor Suzila Lop, Noraidawati Jaffar, “*An Analysis on Construction Ergonomics Risk Factors and Development of New Management Guidelines*”, 2010-2012, Fundamental Research Grant Scheme (FRGS), Amount: RM40,000.
- 4) Nor Suzila Lop, Prof. Madya Dr. Sr. Hjh. Faridah Ismail, **Izatul Farrita Mohd Kamar**, “*The Musculoskeletal Disorders Hazards Among Malaysian Construction Trade Workers*” 2012, Dana Kecemerlangan UiTM, Amount: RM2,000.
- 5) **Izatul Farrita Mohd Kamar**, Sr Dr Asmalia Che Ahmad, Sr Dr Mohmad Mohd Derus, “*Sustainable Construction Safety Cost Model (SuCSCost) in Achieving Safe and Save Quality of Life.*”, 2016-2018, Fundamental Research Grant Scheme (FRGS), Amount: RM62,500.
- 6) Noor Anisah Abdullah, **Izatul Farrita Mohd Kamar**, Sr Dr Asmalia Che Ahmad, Nor Atiqah Mustapa, Investigating the Impacts of COVID-19 Pandemic Outbreaks on the Construction Costing by Quantity Surveyors, 2020, Geran Khas Insentif Penyelidikan Perak-Industri (GKIPPI), Amount: RM5,000.
- 7) **Izatul Farrita Mohd Kamar**, Associate Professor Dr Suraya Masrom, Sr Dr Asmalia Che Ahmad, Sr Dr Nor Suzila Lop, Predictive Automated Machine Learning Model of Rail Accident Costs in Malaysia, 2021, MYRA Research Grant Lepas PhD, Amount: RM10,000.