



NOR RIMA BINTI MUHAMAD ARIFF (ASOC. PROF. SR DR)

Senior Lecturer

Building Surveying
School of Real Estate and Building Surveying
College of Built Environment
Universiti Teknologi MARA,
40450 Shah Alam,
Selangor, Malaysia.



Research Interest Group Tropical Building Performance (TROB-P Research Group)
Research Nexus UiTM (ReNeU) Energy and Environment

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norri550@uitm.edu.my

Areas of Expertise

Facilities Management, Housing Management, Building Surveying

<https://expert.uitm.edu.my/expert.php?#>

<https://www.scopus.com/authid/detail.uri?authorId=55225724800>

<https://scholar.google.com/citations?user=iKVOE1oAAAJ&hl=en&oi=ao>

Personal Information

Nor Rima Muhamad Ariff

Academic Qualifications

- Doctor of Philosophy (Architecture and Built Environment), 2011, Deakin University, Vic, Australia (Thesis: Effective housing management framework for multi-owner low-cost housing in Malaysia)
- MSc Facilities Management, 2002, Universiti Teknologi Malaysia (UTM), Johor
- Bachelor of Building Surveying (Hons), 1999, Universiti Teknologi MARA (UiTM), Shah Alam, Selangor
- Diploma in Architecture, 1996, Institut Teknologi MARA (ITM), Shah Alam, Selangor
- Certificate in Architecture, 1992, Ungku Omar Polytechnic, Ipoh, Perak



Professional Members

- Royal Institution of Surveyors Malaysia (RISM), Full Membership (Sr), M2547
- Royal Institution of Surveyors Malaysia (RISM), Registered Building Surveyor [No Sijil Praktis: 000034].

Teaching and Learning

- Master of Science Facilities Management (AP779):
 - FMM701 Facilities Management Framework, Lecture
 - FMM706 Integrated Simulation FM Project, Lecture
- Bachelor of Science Building Surveying (Hons) (AP229):
 - BSR452 Building Construction and Material, Lecture, Tutorial
 - BSR607 Maintenance and Facilities Management, lecture, Tutorial
 - BSR558 Research Methodology – Tutorial
 - BSR553 Building Design and Refurbishment – Studio

Student Supervision

Postgraduate by Research (PhD)

	Student Name	Student ID	Thesis Title	Level of Supervision
1	ALYAA AFIFAH BINTI ABU TALIB	2016206488	A Framework of Sustainable Facilities Management for Hotel Industry	Main Supervisor (Completed 2022)
2	NOR DIANA AZIZ	2013992447	A framework for Technology Adoption in Building Information Modelling (BIM) in Facilities Management	Co-Supervisor (Completed 2018)
3	MOHD ZULKIFLI HASSAN	PhD -UKM	<i>Strategi Penglibatan Pemaju Perumahan Dalam Pembangunan Perumahan Mampu Milik</i>	Co-Supervisor (Completed 2020)
4	ALIU ABDULMALIK ADOZUKA	2022198707 (International Student)	A Framework for Facilities Management Digital Maturity (FM-DMM) Model towards Digital Transformation	Main Supervisor
5	ZUHAILA BINTI ZAKARIA	2022523197	Establishing A Green Building Maintenance Management Framework for Improving the Quality of Green Buildings	Main Supervisor
6	MOHD YUSNAIDI BIN SALLEH	2021420616	Formulating Improvement of Affordable Housing Management in Malaysia	Co-Supervisor
4	ROSLY BIN AHMAD	2021986885	Strategic Asset Management Framework for Religious Buildings and Institutions Under JAIS	Co-Supervisor
5	MOHAMAD IMRAN BIN ABU SAMAH	2019770217	A Framework of Workplace Innovation in Facilities Management Towards Enhancing Organizational Core Business	Main Supervisor
7	NOOR AZIZAH BINTI MAJID	2013971291	Developing Key Performance Indicator (FPI) In Malaysian Public Service Organisation	Main Supervisor

8	NUR AQLIMA BINTI RAMLI	2016694262	Developing A Green Cleaning Model to Enhance Performance Healthcare Building	Co-Supervisor
9	NURUL FAIZAH BINTI HAMZAH	2018669624	Developing Standard and Assessment Tools for Sustainable Facilities Management in Local Authorities Toward Smart Cities	Co-Supervisor
10	IDA LIYANI BINTI AHMAD	2020375071	Linking Building Information Modelling (BIM) Towards Efficient Project Cost Management Among Public Sector Agencies in Malaysia	Co-Supervisor
11	MOHAMMAD RAZZIEFF BIN A BAKAR	2020804612	Provisional Sum Utilization by Using Coding System Implementation in Facilities Management Contract	Co-Supervisor
12	CHEN XILONG (International Student)	2022401352	Research on Barrier-Free Environmental Design for Cultural Buildings	Co-Supervisor
13	MOHD YUSNAIDI BIN SALLEH	2021420616	Formulating Improvement of Affordable Housing Management in Malaysia	Co-Supervisor
14	NOR SYAHIRAH BINTI OTHMAN	2021637996	A Systematic Method Risk Management Plan for Clinical Waste in Healthcare Sector, Malaysia	Co-Supervisor
15	ZAIMAH BINTI ZAINAL ABIDIN	2022947323	The Establishment of Probability Map In Identifying Lateral Dampness Defects For Universities In Malaysia: With Thermographic Application.	Co-Supervisor

Postgraduate by Research (Master)

	Student Name	Student ID	Thesis Title	Level of Supervision
1	NORANI BINTI AMAT	2016862322	Building Information Modelling (Bim) Adoption for Building Maintenance Among Local Authorities in Malaysia	Co-Supervisor (Completed)
2	NURUL KHALIDA BINTI YAHMAN	2020739177	Establish Factors for Inspiring living Conditions of Communities in Smart Cities	Co-Supervisor
3	NUR FARISHA BINTI MOHD ROSHIDY	2022423282	The Framework of Multi-Generational Housing Design Features Preferences With An Analytic Hierarchy Process (AHP Method)	Co-Supervisor

Postgraduate by Coursework. Completed for the past 3 years (Master)

	Student Name	Student ID	Dissertation Title	Level of Supervision
1	BERNADINE ANAK JAMES	2021366269	Passenger Satisfaction with Service Quality of KTM Komuter Stations At Klang Valley	Supervisor
2	ANIS NAZEHAR BT MOHD YUSOF	2021671558	Factors for Effective Facilities Management of Masjid Jamek in Selangor	Supervisor
3	SYARAFIENA BT EFFANDI	2019416646	Facility Manager Practice in Managing Organization Workplace During Pandemic COVID-19	Supervisor
4	ILLYA NATASHA BINTI RIDZUAN	2020500719	Facility Management Action on Reopening Hotel Operation After Prolonged Shutdown Due to Pandemic COVID-19.	Supervisor
5	FAIZAL AZWANDY BIN NORZAMAN	2008309791	Post Occupancy Evaluation (POE) at Majlis Amanah Rakyat (MARA) Headquarters Building, Kuala Lumpur	Supervisor

6	SYARAFIENA BINTI EFFANDI	2019416646	Facility Manager Practice in Managing Organization Workplace During Pandemic COVID-19	Supervisor
7	QAIRATUL NISYA BT ZULKAFI	2018288874	Facility manager awareness with the potential of Big Data in facilities management industry	Supervisor
8	FAISAL BIN NOORAZMAN	2017349101	Challenges and Opportunities of Facility Managers toward Big Data analytical transformation	Supervisor

Undergraduate Final Year Project Academic (Completed for the past 3 years)

	Student Name	Student ID	Dissertation Title	Level of Supervision
1	MOHAMMAD SYAKIR AIMAN BIN AZMI	2021112501	Factors For Effective Maintenance Management of Pahang State Religious Secondary School	Supervisor
2	ALIA BALQIS BINTI MOHAMMAD	2020869318	Student Awareness with Fire Safety Management Implementation at Residential Colleges Buildings of UiTM	Supervisor
3	BENEDICT ABOL RAMBA ANAK JAWAN	2020899114	Factors for Improving Maintenance of Physical Building for Primary School in Kuching District, Sarawak	Supervisor
4	FARYZUAN BIN AHMAD	2019686008	Assessing the Challenges of Green Facade Maintenance for Commercial Buildings	Supervisor
5	NUR AMIRAH BINTI WAHAD SHAH	2020465508	Assessing User Satisfaction with Public Hospitals Maintenance During Pandemic Covid-19	Supervisor
6	SYABIL ARISSA BINTI AZIZI	2019582049	Mould Prevention Strategies for Student Accommodation in UTM Shah Alam	Supervisor
7	SITI NUR SYAFHIQAH BINTI MOHD RAZALI	2019696076	Implementation of Building Information Modelling on Design Stage in Malaysia	Supervisor
8	HAZIRAH SYAHIRAH BINTI HAIRUDDIN	2019689652	Flat Roof on Commercial Building in Malaysia	Supervisor
9	WAN HASNIDA BINTI ZAMRI	2018263128	Implementation of BIM In Facility Management by Consultants	Supervisor
10	NUR FAZREEN AZEERA MOHAMMAD FARIS	2018200642	The Relationship Between Building Design and Maintenance Work of Rural Mosque	Supervisor
11	MUHAMMAD AMIR FARHAN BIN ZULKAFI	2019653842	Malaysia Climate Affecting the Building Defects on Roof Area of Domestic Terrace Housing	Supervisor
12	NUR IZYANA NADHIRAH BINTI ISHAK	2019672648	Safety Neighbourhood Practices in Landed Gated Residential Developments in Tawau	Supervisor



Publications

Muhamad Ariff, N. R., & Davies, H. (2009, January). Sustainable living environment for urban low-income households in Malaysia: key factors for maintenance. In CIBW107 2009: Proceedings of the 2009 International Symposium on Construction in Developing Economies: Commonalities among diversities (pp. 380-393). CIBW. Pulau Pinang, Malaysia

Muhamad Ariff, N. R., & Davies, H. (2009). Owner-occupied multi-storey low-cost housing management: Key factors for effective owner's participation. In 4th ASEAN Post Graduate Seminar in Built Environment (pp.T3-T9, University of Malaya Kuala Lumpur, University of Malaya.

Muhamad Ariff, N. R., N., & Davies, H. (2011). Multi-owner low-cost housing management in Malaysia: Effects of owner-occupant characteristics and occupancy rates. *International Journal of Housing Markets and Analysis*, 4(3), 268-289.

Kamarudin, H, Hashim, AE, Mahmood, M., **Muhamad Ariff, N.R.** & Wan Ismail, W.Z. (2012) The Implementation of the Malaysian Standard Code of Practice on Access for Disabled Persons by Local Authority. *Procedia - Social and Behavioral Sciences*, 50, Pg 442 – 451.

Hashim, A. E., Samikon, S. A., Ismail, F., Kamarudin, H., Jalil, M. N. M., & **Ariff, N. M.** (2012). Access and accessibility audit in commercial complex: effectiveness in respect to people with disabilities (PWDs). *Procedia-Social and Behavioral Sciences*, 50, 452-461.

Hashim, A. E., Isnin, Z., Ismail, F., **Ariff, N. R. M.**, Khalil, N., & Ismail, N. (2012). Occupational stress and behaviour studies of other space: Commercial complex. *Procedia-Social and Behavioral Sciences*, 36, 752-759.

Aksah, H., Hashim, A. E., Ahmad Zawawi, Z., **Muhamad Ariff, N.R.**, Mohd Ariffin Harahap, R. K., & Kamarudin, H. (2013), Sustainable Historical Government Building Assessment Via Post Occupancy Evaluation (POE), *International Surveying Research Journal (ISrJ)*, 3(1).

Kamarudin, H., **Muhamad Ariff, N.R.**, Wan Ismail, W.Z., & Ismail, E.D. (2013), Auditing Malaysian Standard Compliance for Access and Facilities for PWDs in Local Authority Buildings. Design in the Built Environment 2013 (ICUCBE2013), MUSAWAH: Sharing the World, "Universal Design & Green Technology" Putrajaya International Convention Centre, Putrajaya, Malaysia.

Kamarudin, H., **Ariff, N. M.**, Ismail, W. W., Bakri, A. F., & Ithnin, Z. (2014). Malaysian scenario on access and facilities for Persons with Disabilities: A literature review. In MATEC Web of Conferences (Vol. 15, p. 01019). EDP Sciences.

Kamarudin, H., **Ariff, N. R. M.**, Ismail, W. Z. W., Isnin, Z., & Bakri, A. F. (2015). Malaysian Standard Conformity on Access and Facilities for Person with Disabilities in Public Bus Terminal Buildings. In



Proceedings of the International Symposium on Research of Arts, Design and Humanities (ISRADH 2014) (pp. 393-403). Springer, Singapore

Abdullah, A. S., **Ariff, N. R. M.**, Rashid, R. A., Ismail, N., & Tamim, N. N. M. (2015, June). Homeowner's Prevalence Upkeep Behavior towards Implementation of Home Maintenance Manual for Residential Building. In InCIEC 2014: Proceedings of the International Civil and Infrastructure Engineering Conference 2014 (p. 219). Springer.

Kamarudin, H., **Ariff, N.R.M., Wan, I.W.Z,** Ismail, D.E. (2016), Auditing Malaysian Standard Compliance for Access with Disabilities in Local Authority Buildings and Its Surrounding, *Journal of Universal Design in Built Environment*, 2(1), 77-73.

Ismail, W. Z. W., **Ariff, N. R. M.**, Ahmad, S. S., & Kamarudin, H. (2016). Green Roof Maintenance Towards Sustaining Neighborhood Spaces of High-Rise Residential Developments in Malaysia. *Advanced Science Letters*, 22(5-6), 1502-1508.

Ismail, W. Z. W., Ahmad, S. S., Kamarudin, H., & **Ariff, N. R. M.** (2016). Challenges of Implementing Green Roofs on High Rise Apartments in the Klang Valley Urban Area in Malaysia. *Advanced Science Letters*, 22(5-6), 1497-1501.

Aziz, N. D., Nawawi, A. H., & **Ariff, N. R. M.** (2016). Building information modelling (BIM) in facilities management: opportunities to be considered by facility managers. *Procedia-Social and Behavioral Sciences*, 234, 353-362.

Aziz, N. D., Nawawi, A. H., & **Ariff, N. R. M. (2016)**. ICT evolution in facilities management (FM): Building Information Modelling (BIM) as the latest technology. *Procedia-Social and Behavioral Sciences*, 234, 363-371.

Aizat, M.A. **Ariff, N.R.M.,** Ismail N., (2017), The Impact of Building Design Towards Maintenance Operation of Selected State Mosque. In proceeding of 1st International Conference on Islamic Architectural Heritage: The splendour of design and technology in built environment, International Islamic University Malaysia.

Abdullah, M. A. A., **Ariff, N. R. M.**, Muhamad, N. R., Ismail, N., & Kaliwon, J. (2017). Façade Maintainability for Mosques: A Review for Maintenance Consideration. *International Journal of Real Estate Studies*, 11(2), 21-24.

Ramli, N. A., Zawawi, E. M., **Arif, N. R. M.**, Mahbob, N. S., Sulaiman, Z., & Zainol, N. N. (2018, February). A perspective study on green cleaning for Malaysian public hospital. In IOP Conference Series: Earth and Environmental Science (Vol. 117, No. 1, p. 012017). IOP Publishing.

Hasim, M. S., Hashim, A. E., **Ariff, N. R. M.**, Sapeciay, Z., & Abdullah, A. S. (2018). Commitment to Sustainability: A Content Analysis of Website for University Organisations. In *IOP Conference Series: Earth and Environmental Science* (Vol. 117, No. 1, p. 012046). IOP Publishing.



Alyaa Afifah Bt Abu Talib, **Nor Rima Muhamad Ariff**, Mohamad Sufian Hasim (2018), Current Practice of Sustainable Facilities Management (SFM) for Hotel Industry in Malaysia. In the 5th International Conference on Science and Social Research 2018 (CSSR2018). Kota Kinabalu.

Ahmad Sharim Bin Abdullah, Mohamad Sufian Hasim, **Nor Rima Bt Muhamad Ariff**, Shahrul Yani Binti Said, Lilis Shereena Binti Safiee (2018), Current Practice of Defect Management in Maintenance at The Public Building. In the 5th International Conference on Science and Social Research 2018 (CSSR2018). Kota Kinabalu

Ariff, N. R. M. (2018). Improving Governance of High-Rise MOPs in Malaysia. In Multi-Owned Property in the Asia-Pacific Region (pp. 269-289). Palgrave Macmillan, London.

Ramli, N. A., Zawawi, E. M., **Ariff, N. R. M.**, Kadir, S. S., & Zainol, N. N. (2019). Green Cleaning: A Study on Benefits for Malaysian School Building. In MATEC Web of Conferences (Vol. 266, p. 01008). *EDP Sciences*.

AA Aliu, **NRM Ariff** (2019) How Satisfied Are International Students in Malaysia's Public Universities? An Empirical Study on Student Accommodation Facilities. *UiTMT E-Academia Journal* 8 (1), 114-124

YNA Yaman, R Ramele, **NRM Ariff** (2019). The Alteration on the Spatial Elements of Traditional Malay House at Heritage Village of Malacca. *UiTMT E-Academia Journal* 8 (1), 16-22

Hassan, M. Z., Ani, A. I. C., & **Ariff, N. R. M.** (2019). Significant relationship between external factors and the involvement of private housing developers in the development of affordable housing. *Religación. Revista de Ciencias Sociales y Humanidades*, 4(18), 560-566.

Ramli, N.A., Ahmad Zawawi, E. M., **Ariff, N.R.M.**, Zainol, N.N., Kadir, S.S., (2019), A Study on The Green Cleaning Benefits for Malaysian 50 Public School, *Malaysia Construction Research Journal*, 8, 3, 50-59

Hassan, M. Z., Ani, A. I. C., & **Ariff, N. R. M.** (2019)., The Significant Effect of Organizational Structure on Private Housing Developers' Involvement in Development of Affordable Housing, *International Journal of Recent Technology And Engineering*, 8, 2, 674-679

Talib, A.A.A, **Ariff, N. R. M.**, Hashim, M.S., Hanafiah, M.H., (2019), Positioning Strategic Sustainable Facilities Management (SFM) For Hotel Industry in Malaysia, *Asian Journal of Quality of Life (AJQOL)* ,4,17,49-62

Hassan, M. Z., Ani, A. I. C., & **Ariff, N. R. M.**, (2020), The Correlation Between External Factors and Housing Developers' Involvement in Affordable Housing: An Importance-performance Matrix Analysis (IPMA), *International Journal of Advanced Science and Technology*, 29, 7, 375-382



Aziz, N. D., **Ariff, N. R. M.**, & Nawawi, A. H. (2020), Reinforcing Building Information Modelling (bim) Using Kaizen in The Facilities Management Industry, *Global Business and Management Research: An International Journal*,12,1,52-60

R Ramele, YNA Yaman, **NR Muhammad Ariff** (2021), Modernization of traditional Malay house in heritage village of Malacca, *Built Environment Journal (BEJ)*, 18 (1), 23-30

Talib, A. A. A., **Ariff, N. R. M.**, Hasim, M. S., & Hanafiah, M. H. (2022, October). Sustainable Facilities Management (SFM) initiatives in Malaysia hotel industry: reliability and validity analysis using Smart-PLS. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1067, No. 1, p. 012079). IOP Publishing.

Yahman, N. K., Sarkom, Y., & **Ariff, N. R. M.** (2022, October). Achieving SDGs 11: A Review on Neighbourhood Engagement in Local Authorities Towards Disaster Risk Reduction of Highland Developments in Selangor. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1067, No. 1, p. 012007). IOP Publishing.

Ramli, N. A., Zawawi, E. M. A., **Ariff, N. R. M.**, & Zainol, N. N. (2023). Environmental cleaning battling against Covid-19 infection in health-care facilities. *Facilities*

Aliu, A. A., **Ariff, N. R. M.**, Ametefe, D. S., & John, D. (2023). Automatic classification and isolation of cracks on masonry surfaces using deep transfer learning and semantic segmentation. *Journal of Building Pathology and Rehabilitation*, 8(1), 28.

Research Grants and Contracts (

Conservation Approach of Heritage Timber Building in Malaysia – A method and techniques
[Project Leader], Research Intensive Faculty -completed.
1 July 2012 - 30 Jun 2014 RM 7,611.00

Klang Valley Public Bus Terminal Access and Facilities
[member], Research Intensive Faculty -completed
1 Nov 2012 – 30 Nov 2014 RM10,323.38

Malaysia High Rise Residential Building Intensive Green Roofs Maintenance Framework [member]
Dana Pembudayaan Penyelidikan (RAGS) -completed
15-09-2013-14-09-2015 RM50,000.00

Facade Access for Mosques: Maintainability Approach for Optimum Life Cycle Cost [Project Leader]
LESTARI -completed
01-09-2016 - 31-08-2018 RM20,000.00



A Framework of Defect Management in Maintenance for Public Building

[member] LESTARI-completed

01-07-2017 - 30-06-2019 RM20,000.00

Leadership Competencies to Adopt BIM Technology by Facility Managers

[Project Leader] BESTARI -completed

01-10-2017 - 30-03-2021 RM40,000.00

Innovative Connection Solution to Improve the Structural Behavior of Timber Frame Historical Building

[member], LESTARI-completed

01-07-2018 - 30-06-2020 RM20,000.00

An Assessment on The Elderly-Friendly Housing Options Preferences of Living Arrangements in Malaysia.

[member], LESTARI-completed

01-07-2018 - 30-06-2020 RM20,000.00

Preventive Measure in Controlling the Environmental Effects of Air Quality Towards Human Well-Being in Quarry Mining Vicinity. [member], Research Entity Initiative (REI).

01-09-2018 – 31-08-2020 RM32,000.00

A Framework of Sustainable Facilities Management (SFM) For Hotel Industry in Malaysia. [Project Leader]

Geran Inisiatif Penyelidikan (GIP)- Completed

01-04-2019 – 27-09-2020 RM25,000.00

Sustainable Facilities Management (SFM) Initiatives Towards Green Hotels Trends Industry in Malaysia

[Project Leader], Fundamental Research Grant Scheme (FRGS)

01-09-2019-31-08-2022 2022 RM59,150.00

Neighborhood Engagement in Local Authorities Towards Sustainable Highland Developments

[member], LESTARI,

2020-2023, RM 20,000.00

Development Of Sustainable Facilities Management Model for Local Authorities Toward Acceleration Of Smart Cities

[member] - Special Research Grant (GPK)

2020 – 2023, RM 20,000.00

Consultation & Expertise

Preparation of comprehensive report of privatisation of UiTM's Facility management Office.

Client [value]: UiTM Holdings Sdn. Bhd. [RM30,000.00] Completed

2012 [member]



Menjalankan Kerja-Kerja Komprehensif Bagi Mendapatkan Sijil Kelayakan Menduduki (CF) Stesen Janalektrik Putrajaya Untuk Tetuan Tenaga Nasional Berhad. Skop kerja: Measured drawings.

Client [value]: DZJ Architect Sdn. Bhd. [RM35,000.00] Completed

2012 [Project Leader] RMI ref: 100-RMI 37/7/3182

Executive Diploma in Facility Management (FM)

Client [value]: MOA with Sime Darby Property BHD. [RM 319, 420.00] Completed

2016-2017 [member] RMI ref: 20170713012

Kajian Kesejahteraan Komuniti Program Perumahan Rakyat (PPR Di Seluruh Negara)

Client [value]: MOA with Kementerian Kesejahteraan Bandar, Perumahan dan Tempatan (KPKT)

[RM 2,818,431.88] Completed.

2017 [sub-group leader] RMI ref: 20170713012

Executive Diploma Competency in Facility Management (FM)

Client [value]: AKADEMI PKNS SDN. BHD. [RM 237,420.00] Completed.

2019-2020 [member] RMI ref: 20190426001

Innovation, Commercialization & Entrepreneurial

Leadership Competencies towards the Adoption of Building Information Modelling (BIM) in Malaysian Facilities Management (FM), 2017, Category: Copyright, UiTM.

[Role: Member]

Services & Administration

- Head, Centre of Studies for Postgraduate, FSPU, UiTM
- Head of Audit System, Faculty of Architecture, Planning and Surveying (FSPU), UiTM
- Program Coordinator, Master of Science Facilities Management, FSPU, UiTM
- Head of Program, Diploma in Building Surveying, FSPU, UiTM

Awards & Recognitions

R&D competition, Invention Innovation Design (IID) FSPU 2012, Research Management Unit (RMU), FSPU, Main, 2nd price.

Competition and Exhibition, Invention Innovation and Design Expo 2013, Competition and Exhibition, Invention Innovation and Design Expo 2013, Main, Silver Award,



Invention, Innovation & Design Competition (iideX SE 2013) FSPU, Research Management Unit (RMU), FSPU, 2013, Member, Silver award.

ILAM MAAA Award, Institute of Landscape Architects Malaysia (ILAM), Category: Researcher, 2017, member, Merit Award.

3rd International Built Environment Undergraduate Research competition (BEURC), 2018, Supervisor, GOLD Medal Award.

4th International Built Environment Undergraduate Research Competition, University of Malaya, Sub theme 2: Building Control & Surveying, 2019, Supervisor, Bronze Medal Award.

4th International Built Environment Undergraduate Research Competition, University of Malaya, Sub theme 2: Architectural & Building, 2019, Supervisor, GOLD Medal Award.

5th International Built Environment Undergraduate Research Competition, University of Malaya, Sub theme 2: Architectural & Building, 2020, Supervisor, OUTSTANDING UNDERGRADUATE AWARD

5th International Built Environment Undergraduate Research Competition, University of Malaya, Sub theme 2: Architectural & Building, 2020, Supervisor, GOLD Medal Award

6th International Built Environment Undergraduate Research Competition, University of Malaya, Sub theme 2: Architectural & Building, 2021, Supervisor, Silver Medal Award

7th International Built Environment Undergraduate Research Competition (BEURC) 2022, University of Malaya, Sub theme 1: Surveying and Governance, 2021, Supervisor, GOLD Medal Award.

3rd International Conference on The Built Environment & Engineering 2022 (IConBEE), Universiti Teknologi MARA, SILVER Medal Award.

Contribution to Society

Lab Khas Pemeraksanaan Senibina Melayu dan Islam dalam Pembangunan Semula Kampong Bharu: Panel Penggubal Rangka Garis Panduan Senibina Melayu-Islam. Hotel Equatorial, Bangi, Perbadanan Pembangunan Kampong Bharu, 2013, Ahli.

Modul Latihan Kepakaran Kontraktor Bagi Modul Pengurusan Fasiliti (KK-T-048) 2018
Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB), Module Developer.

Penyediaan dan Semakan Draf Manual Akreditasi 'BS RISM' bagi Program Ukur Bangunan di Universiti Malaysia. 2018. Royal Institution of Surveyors Malaysia (RISM)



Jawatankuasa Penilaian Perunding bagi Perlantikan Juru Perunding Untuk Pengurusan Fasiliti di Kuala Lumpur Sport City (KLSC) Bukit Jalil, 2018. Perbadanan Stadium Malaysia (Agensi Kementerian Belia dan Sukan)

Other Activities

Kursus Sijil Perancangan Bandar dan Wilayah. Anjuran Kerajaan Negeri Sarawak, UiTM dan CCM, 2014-2015, Tenaga Pengajar.

Member of the Board of Studies for Master of Facility Management programme
2014-current / Open University Malaysia (OUM)

Academic Advisor for Diploma in Building Management programme
2015 / ETRAIN College, Petaling Jaya

Member of the Board of Studies for Bachelor of Project and Facility Management programme
2018-2021 / Open University Malaysia (OUM)

Jawatankuasa Penilaian Perunding bagi Perlantikan Juru Perunding Untuk Pengurusan Fasiliti di Kuala Lumpur Sport City (KLSC) Bukit Jalil, 2018
Perbadanan Stadium Malaysia (Agensi Kementerian Belia dan Sukan)

Academic Programme Panel of Assessor: Program Reaccreditation IQA-04, Master of Facilities and Maintenance Management,
2019/ University of Malaya

Academic Programme Lead Panel of Assessor: New Program Accreditation IAQ-1, Sarjana Sains Pembinaan dan Pengurusan Perniagaan, UiTM cawangan Pulau Pinang kampus Permatang Pauh,
2021/ UiTM

Academic Programme Lead Panel of Assessor: Program Accreditation IAQ-2, Sarjana Muda Teknologi Maklumat (K), UiTM cawangan Kelantan Kampus Machang
2022/ UiTM

External Examiner, Master of Science in Construction Management (Facilities Management),
01 May 2022 – 31 May 2025/ INTI International University & Colleges, Malaysia

Manuscript reviewer (for the past 5 years):

- International Journal of Real Estate Studies (INTREST), UTM, 2021, 2022
- Geran Dana Penyelidikan UiTM Cawangan Selangor (DUCS) 4.0. 2021
- Journal of Facilities Management, Emerald Publishing, 2021, 2022, 2023



- International Conference on Research Methodology for Built Environment and Engineering (ICRMREE) 2021, 2022, 2023
- International Journal of Sustainable Tropical Design Research and Practice, UPM, 2021
- Panel Penilai Geran FRGS 2021 Bagi Penilaian Peringkat PTJ – Fakulti Senibina, Perancangan Dan Ukur
- Panel Penilai Geran FRGS 2021 Bagi Penilaian Peringkat UiTM 2021, 2023
- Panel Penilai Geran Insetif Penyelidikan (GIP), UiTM 2021
- Ministry of Higher Education Research Fund Evaluation Panel. UiTM Level. 2020
- 12th RISM International Surveying Conference for Undergraduates, 2020
- International Journal of Environment and Sustainable Development, Inderscience Publisher. 2019
- 6th international Conference on Science and Social Research (CSSR), Management Science Track, 2019
- Journal of Surveying, Construction & Property (JSCP) Special Issue Series, 2019
- International Conference on Built Environment and Engineering IConBEE2, 2018, 2022, 2023
- Global Challenges, Wiley Online Library, 2018
- Journal of Design and Built Environment Special Issue 2017. University Malaya, 2017

Thesis Examination (research)

1. MOHAMMADREZA MOKARIANTABARI (2022), Key Participants Involvement Framework For Briefing Stage Of Building Refurbishment Projects in Malaysia, Doctor of Philosophy (Built Environment) [AP991], UiTM, Shah Alam. Internal Examiner
2. NORASHIKIN BINTI RAHMAT (2021), Facilities Management Performance Indicators for Balanced Scorecard Application in Local Authorities, Doctor of Philosophy (Built Environment) [AP991], UiTM, Shah Alam. Internal Examiner
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