

MARIAM FELANI SHAARI (Ts. Dr.)

Senior Lecturer

Architecture
School of Architecture & Interior Architecture
College of Built Environment
Universiti Teknologi MARA
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42300 Bandar Puncak Alam
Selangor, Malaysia



Research Nexus UiTM (ReNeU): Energy & Environment (EE)
Research Interest Group: Tropical Building Performance Research Group (TROB-P)
: Advanced Signal Processing Research Group (ASPRG)

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Areas of Expertise

Environment-Behaviour, Environmental Psychology, Neuro-Architecture, Spatial Cognition, Children's Environment, Universal Design, Architectural Science

<https://expert.uitm.edu.my/profile.php?id=U/uGY/TTdvzUGAO6/OnAwwCh+Aat6tyjtw0/Y0/yO64=>
<https://www.webofscience.com/wos/author/record/AAQ-9115-2020>
<https://www.scopus.com/authid/detail.uri?authorId=58199499100>
<https://scholar.google.com/citations?user=oENVEEoAAAAJ&hl=en>
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<https://orcid.org/0000-0002-9260-7859>

Personal Information

Ts. Dr. Mariam Felani Binti Shaari
337430
Architecture, School of Architecture and Interior Architecture, College of Built Environment

Academic Qualifications

Doctor of Philosophy (PhD) in Built Environment, 2019, Universiti Teknologi MARA (UiTM), Malaysia
Master of Architecture (M. Arch), 2013, Manchester School of Architecture (MSA), University of Manchester (UoM) & Manchester Metropolitan University (MMU), United Kingdom
Bachelor of Science in Architecture (BSc. Arch), 2011, Universiti Teknologi MARA (UiTM), Malaysia
Foundation in Physical Science, 2006, Ministry of Education (MoE) Matriculation College, Kedah, Malaysia

Professional Members

1. Malaysian Institute of Architects (PAM), Graduate, Non-corporate Member, G4795, 2023 – Present
2. Board of Architects Malaysia (LAM), Graduate Architect, AG/M 782, 2014 – Present
3. Royal Institute of British Architects (RIBA), Graduate Member, 2013 – Present
4. Malaysia Board of Technologist (MBOT), Professional Technologist – Building & Construction Technology (BC), PT22060294, June 2022 – Present
5. Malaysia Board of Technologist (MBOT), Graduate Technologist – Building & Construction Technology (BC), GT22020477, February 2022 – Present
6. Research Nexus UiTM (ReNeU): Energy & Environment, Member, 2014 – Present
7. Tropical Building Performance (TROB-P) Research Group, Member, 2014 – Present
8. Advanced Signal Processing Research Group (ASPRG), Member, 2022 – Present
9. Association of Malaysian Environment-Behaviour Researchers (AMER), Member, 2015 – Present
10. Association of Behavioural Researchers on Asians (ABRA), Member, 2015 – Present
11. Manchester School of Architecture (MSA) Alumni Association, Member, 2013 – Present
12. The University of Manchester (UoM) Alumni Association, Member, 2013 – Present
13. Manchester Metropolitan University (MMU) Alumni Association, Member, 2013 – Present
14. Universiti Teknologi MARA (UiTM) Alumni Association, Member, 2019 – Present

Teaching and Learning

Design Studio – Bachelor of Science in Architecture, AP243/CFAP243

1. Degree, October 2023, Design II, Lecture & Tutorial
2. Degree, March 2023, Design IV, Lecture & Tutorial
3. Degree, October 2022, Design III, Lecture & Tutorial
4. Degree, March 2022, Design II, Lecture & Tutorial
5. Degree, October 2021, Design II, Lecture & Tutorial
6. Degree, March 2021, Design III, Lecture & Tutorial
7. Degree, October 2020, Design III, Lecture & Tutorial
8. Degree, March 2020, Design I, Lecture & Tutorial
9. Degree, September 2019, Design Appreciation, Lecture & Tutorial
10. Degree, September 2019, Design Drawing and Communication, Lecture & Tutorial
11. Degree, March 2019, Design Appreciation, Lecture & Tutorial
12. Degree, March 2019, Design Drawing and Communication, Lecture & Tutorial
13. Degree, September 2018, Design II, Lecture & Tutorial
14. Degree, March 2018, Design III, Lecture & Tutorial
15. Degree, September 2017, Design II, Lecture & Tutorial

Architectural Science II, AAA574/AAR604 – Bachelor of Science in Architecture, AP243/CFAP243

1. Degree, October 2023, Architectural Science II, Lecture
2. Degree, March 2023, Architectural Science II, Lecture
3. Degree, October 2022, Architectural Science II, Lecture
4. Degree, March 2022, Architectural Science II, Lecture
5. Degree, October 2021, Architectural Science II, Lecture
6. Degree, March 2021, Architectural Science II, Lecture
7. Degree, October 2020, Architectural Science II, Lecture

8. Degree, March 2020, Architectural Science II, Lecture
9. Degree, September 2019, Architectural Science II, Lecture
10. Degree, March 2019, Architectural Science II, Lecture
11. Degree, September 2018, Architectural Science II, Lecture

Topical Study, AAA635/AAR635 – Bachelor of Science in Architecture, AP243/CFAP243

1. Degree, March 2023, Topical Study, Coordinate
2. Degree, October 2022, Topical Study, Coordinate
3. Degree, March 2022, Topical Study, Tutorial & Coordinate
4. Degree, October 2021, Topical Study, Tutorial & Coordinate
5. Degree, March 2021, Topical Study, Tutorial
6. Degree, October 2020, Topical Study, Tutorial
7. Degree, March 2020, Topical Study, Tutorial
8. Degree, September 2019, Topical Study, Tutorial
9. Degree, March 2019, Topical Study, Tutorial
10. Degree, March 2018, Topical Study, Tutorial
11. Degree, October 2022, Topical Study, Coordinate

Student Supervision

Research Thesis – Doctor of Philosophy (Built Environment), AP991/CFAP991

1. Fathimah Zakiyah Binti Othman, Investigating the Effect of Evacuation Route Configuration Design on Human Wayfinding Cognition Performance and Associated Brain Electroencephalogram (EEG) Band Patterns During Fire Evacuation in Malaysian Public Hospitals, March 2022 – Present
2. Liu Fengling, An Interior Architecture for Autism: A Study of Classroom Physical Spatial Design and Repetitive Behaviours Response for Intervention of Autistic Children, March 2022 – Present

Research Thesis – Master of Science (Built Environment), AP781/CFAP781

1. Aresha Suraya Binti Muhammad Roslan, 2019916105, User-centered Design Features and Provisions for Lactation Room at Workplace, March 2020 – Present

Design Thesis I, AAA820/ARK800 & Design Thesis II, AAA880/AK850 – Master of Architecture, AP773/CFAP773

1. Azizul Hairil Syukri Bin Sabri, 2022835996, Diplomatic Connection: Gateway to Malaysia-Thailand Transportation Interchange Hub, October 2023 – August 2024
2. Nur Izatilrahima Binti Mat Rahim, 2022263656, Balai Raya, Labu: The Emerging Essence of People in Labu, Negeri Sembilan, October 2023 – August 2024
3. Nur-Aiman Bin Rambli, 2022583159, SWAT (Swift Wildlife Action Team) Patrolling River Port in Sarawak's River, March 2023 – February 2024
4. Mohamad Nadiyah Bin Abdul Rahim, 2022730693, Gastronomy: Iconic Food Fish Based in Kuala Terengganu, March 2023 – February 2024
5. Nur Nazirah Binti Muhd Nor, 2022144393, Akademi Seni: Art Performance in Kuala Terengganu, March 2023 – February 2024
6. Ahmad Faiq Bin Abd Wahid, 2021401134, Therapeutic Community Hub: Healing through Food Art Therapy in Lembah Pantai, Kuala Lumpur, October 2022 – August 2023
7. Alia Farina Binti Ahmad Fairuz, 2021802756, Firefly Ecotourism Centre in Kampung Kuantan, Kuala Selangor, October 2022 – August 2023

8. Muhammad Fitri Bin Adnan, 2021798511, The Land Before Time: Paleontology Museum and Interactive Centre in Bukit Damansara, Kuala Lumpur, October 2022 – February 2023
9. Muhammad Alief Bin Mohd Taib, 2021906693, Advantages of Geothermal Agro-tourism Centre in Apas Kiri, Tawau, Sabah, March 2022 – February 2023
10. Sheikh Ahmad Tajuddin Bin Mohamed Izham, 2020807936, Integrated Food Development Hub: Food Security & Waste Management, October 2021 – August 2022
11. Muhammad Izzat Irfan Bin Mustaffa, 2020402216, Al-Nahl City: Stingless Bee Exploration Hub, October 2021 – August 2022
12. Batrisyia Binti Nazri, 2020108707, Nature Experiential Children Centre for Yayasan Sime Darby in Ara Damansara, March 2021 – February 2022
13. Puteri Nurul Izzati Binti Mazlan, 2019470408, The Emergence Bamboo Architecture: Bamboo Revitalized Hub and Tissue Culture Lab, October 2020 – August 2021
14. Nor Athirah Binti Tarmizi, 2019797527, Community in Urban Space: The Public Library as a Community Hub at Kerinchi, March 2020 – August 2021
15. Muhammad Syukri Bin Talip, 2019100799, The Nucleus Interconnection Students Complex at Shah Alam, March 2020 – February 2021
16. Che Muhammad Harith Bin Che Harun, 2018437838, Beyond the Wall: Proposed Play-Based Camp for Student, September 2019 – August 2020
17. Mohd Zafri Bin Mohd Zaini, 2018820314, Proposed Conducive Active Lifestyle Centre for the Community of Subang Jaya, September 2019 – February 2021
18. Asheken Binti Moni, 2017316917, Enliven Coal Point Memory: Propose Coal Point Interaction and Recreational Park, March 2019 – February 2020
19. Salihin Hilmi Bin Mustapa, 2017300917, Academy Hub of K-Pop, March 2019 – February 2020

Dissertation, AAA805/ARK805 – Master of Architecture, AP773/CFAP773

1. Azizul Hairil Syukri Bin Sabri, 2022835996, Comparative Analysis of Border Security Space Planning for the Malaysia-Thailand Border in Rantau Panjang, Malaysia, October 2023
2. Mohamad Qawiem Bin Mohd Yusman, 2021651172, Challenges of Urban River Contamination on the Architecture of Kuala Lumpur Riverfront, October 2022
3. Muhammad Alief Bin Mohd Taib, 2021906693, An Assessment to Determine the Programmes of a Geothermal Agro-Tourism Centre, March 2022
4. Sheikh Ahmad Tajuddin Bin Mohamed Izham, 2020807936, Public Awareness and Local Culture that Influences The Engagement of Food Waste Recycling Practices in Malaysia, October 2021
5. Muhammad Izzat Irfan Bin Mustaffa, 2020402216, An Assessment of Visitor Perception on Apitourism Facility in Malaysia, October 2021
6. Batrisyia Binti Nazri, 2020108707, Nature-Based Preschool: Assisting Nature-Based Learning by Incorporating Nature in Preschool's Physical Environment, March 2021
7. Puteri Nurul Izzati Binti Mazlan, 2019470408, Understanding of Place and Place Attachment in the Life of the Users, October 2020
8. Nor Athirah Binti Tarmizi, 2019797527, Impact of Library Space Planning on Users' Behaviour, March 2020
9. Muhammad Syukri Bin Talip, 2019100799, Behaviour Space: Typology Hub Centre, March 2020
10. Che Muhammad Harith Bin Che Harun, 2018437838, More Playgrounds More Children: Designing a Better Play Area for Children, September 2019
11. Asheken Binti Moni, 2017316917, Edward City: Revitalise Missing Urban Heritage Through Sustainable Architecture, March 2019

12. Salihin Hilmi Bin Mustapa, 2017300917, Space Programming for Nursing Home Through User's Feedback, March 2019

Introduction to Research, AAR615 – Bachelor of Science in Architecture, AP243/CFAP243

1. Najwa Binti Nazaruddin, 202085515, The Impact of Architectural Design Strategies Towards the Efficiency of Hospitals, October 2022
2. Nur Shafiqah Binti Madzlan, 2020835454, Childcare Centre Spaces Play a Big Role in Children Activity for Their Development, October 2022

Topical Study, AAR635 – Bachelor of Science in Architecture, AP243/CFAP243

1. Muhammad Haikal Izzuddin Bin Rohaimi, 2019648006, The Influence of Compartmentation in Reducing ASD Children Challenging Behaviour Occurrences at Autism Therapy Centre, March 2022
2. Nur Amirah Binti Mohd Affandi, 2019647838, Influence of Coloured Lighting on Learning Concentration Among Children with Autism Spectrum Disorder (ASD), March 2022
3. Imran Bin Isma Adhha, 2019348421, The Comparison of Passive Design in Traditional Malay and Modern Houses, October 2020
4. Muhammad Faris Amirul Bin Zaharan, 2019563795, The Advantages of VR Technology in Improving Qualities of Projects Produced in Architecture Design Studios, March 2020
1. Yusniza Novianti Binti M Minun Yudianto, 2016721949, The Advantages of Solar Panels in Photovoltaic System in the Building, March 2020
2. Nur Zarifah Binti Zainal, 2017654918, The Effect of Passive Design and Sustainability in Kuala Lumpur to Environmental Impact Design, March 2020
3. 'Izzah Safiah Binti Zainudin, 2017654862, The Quality of Thermal Comfort in Traditional Malay House Design, March 2020
4. Siti Nurain Sofea Binti Mohd Anim, 2016676698, Effective Design of External Fixed Solar Shading Device to Reduce Building Air Temperature, September 2019
5. Nur Izzafaiz Binti Mahad, 2016678966, The Climate Factor Affecting High Rise Building Façade in Malaysia, September 2019
6. Aiman Syuhail Bin Saiful Amini, 2016676662, The Effectiveness of Passive Design on Ventilation towards Occupants' Productivity, March 2019
7. Siti Athirah Binti Mohd Fathi, 2014878878, Achieving Thermal Comfort at Mosque, March 2019
8. Illi Sabrina Binti Salimen, 2016676632, The Effective Configuration of Planter Potted Green Building Façade for Air Temperature Reduction at Single Storey Building in Malaysia, March 2019
9. Aisya Sofiya Binti Hidzir, 2016679091, The Effect of Outdoor Courtyard on Students' Thermal Comfort at FSPU, UiTM Puncak Alam, March 2019
10. Ahmad Syakir Bin Sidek, 2016678804, The Effect of Using Computer Aided Design (CAD) Among Architecture Students in Producing Architecture Design Courseworks, March 2019
11. Ainaa Farhanah Binti Abdull Aziz, 2016806484, The Effect of Courtyard on Indoor Air Temperature to Students of FSPU UiTM Puncak ALam, Selangor, March 2019
12. Nur Najwa Izzati Binti Mahayuddin, 2016676856, The Effectiveness of Green Roof Application for Building Air Temperature Reduction, March 2019
13. Muhammad Noriman Bin Mohd Fadzi, 2015871396, Courtyard Configuration Strategy to Reduce Air Temperature in Malaysian University Campus, March 2018
14. Fathimah Zakiyah Binti Othman, 2015853984, The Relationship Between Ventilation and Opening Strategies of Domed Mosque for Indoor Comfort, March 2018

15. Mahathir Bin Azman, 2013724475, The Effects of Building Façade Towards Indoor Air Temperature in A Library, March 2018
16. Muzakkir Bin Zahid, 2015861912, The Effect of Window Position and Size on Indoor Building Ventilation in Malaysia, March 2018

Industrial Training, AAR630 – Bachelor of Science in Architecture, AP243/CFAP243

1. Muhammad Haikal Bin Hafidz, 2021888032, Aizuddin Arkitek Sdn. Bhd.
2. Nur Fadzillah Binti Suhaimi, 2020612058, WA Bina Teguh Architecture & Construction Sdn. Bhd.
3. Muhammad Haikal Izzuddin Bin Rohaimi, 2019648006, Aizuddin Aizat Architect Sdn. Bhd.
4. Nur Amirah Binti Mohd Affandi, 2019647838, Ahmad Asmadi Architecture Sdn. Bhd.
5. Syalzrein Shafiq Bin Azman, 2020960181, HDReka Resources
6. Muhammad Syazwan Afiffuddin Bin Mohd Kamaldin, 2018278324, ATSA Architect Sdn. Bhd.
7. Ahmad Iylia Bin Johan, 2019267702, Ardec Group
8. Ahmad Sharhan Bin Ahmad Edari, 2017302095, Bahagian Pembangunan, KPM
9. Nur Shafiera Binti Kamal, 2015107595, SNSR Architect
10. Mohamad Arif Najmuddin Bin Saharizon, 2017506681, CWL Design Sdn. Bhd.
11. Mohamad Shahrulnizam Bin Mohamad Shahripoddin, 2015595385, Arkitek Saifullizan Osman
12. Muhammad Aliff Izuddin Bin Muhammad Sufli, 2016676754, HASA Arkitek Sdn. Bhd.
13. Muhammad Fauzi Bin Sadri, 2016679034, HASA Arkitek Sdn. Bhd.
14. Siti Nur Yasmin Binti Ahmad Budiman, 2016806486, Azam Archi.Tact
15. Muhammad Akiff Bin Nor Azmi, 2016678964, LiA'Alif Architect
16. Nik Farhanna Binti Nik Saladin, 2016676732, Azam Archi.Tact
17. Khairin Izzatul Nabila Binti Khairil, 2016676772, Jabatan Kerja Raya (JKR) Negeri Selangor
18. Syukran Naim Bin Sahillah, 2016678968, Arkitek Azman Zainal
19. Muhammad Hamim Bin Rosidi, 2016676896, Lead Design Associates Sdn. Bhd.
20. Iffah Marfuah Binti Abd Malek, 2015815894, Mohd Nor Architect
21. Nur Aqilah Binti Abadi, 2016679074, Jabatan Kerja Raya (JKR) Negeri Selangor

Publications

1. Yusman, M. Q. M., Shaari, M. F., Samadi, Z., Ariff, A. A. A., & Sanchez, R. B. (2023). Architecture as Urban Catalyst: Infographic Design Guideline on Kuala Lumpur Riverfront Revitalisation. *International Journal of Sustainable Construction Engineering and Technology*, 14(5), 49-66.
2. Nazri, B., & Shaari, M. F. (2023, October). Incorporating nature in outdoor physical environment of kindergartens for learning with nature in Malaysia. In *AIP Conference Proceedings* (Vol. 2881, No. 1). AIP Publishing.
3. Othman, F. Z., Zaiki, Y., Taib, M. N., & Shaari, M. F. (2023, October). Hospital evacuation route designs: Impact on brain activity and wayfinding cognition during fire evacuation. In *AIP Conference Proceedings* (Vol. 2881, No. 1). AIP Publishing.
4. Izham, S. A. T. M., Shaari, M. F., & Zaman, N. Q. (2023). Public Awareness and Local Culture That Influence the Engagement of Food Waste Recycling Practice in Malaysia. *MAJ-Malaysia Architectural Journal*, 5(1).
5. Nasrul, N. A. A., Zaman, N. Q., & Shaari, M. F. (2023). Feminine Space: A Study of Physical Environmental Factors Encouraging Women Presence in Privately Owned Public Places. *MAJ-Malaysia Architectural Journal*, 5(1).

6. Othman, F. Z., Taib, M. N., Shaari, M. F., & Zaiki, Y. (2023, March). Potential Application of Brainwaves to Optimise Evacuation Wayfinding Performance During Fires. In *2023 19th IEEE International Colloquium on Signal Processing & Its Applications (CSPA)* (pp. 190-194). IEEE.
7. Mustafa, M. I. I., Shaari, M. F., & Zaman, N. Q. (2022). Determining Spatial Typology Through Visitor Perception for Apitourism Facility in Malaysia. *MAJ-Malaysia Architectural Journal*, *4*(3), 22-35.
8. Shaari, M. F., Ahmad, S. S. & Ismail, I. S., (2022). Physical Learning Environment: Impact on Children Cognitive School Readiness, *Chapter in a Book – Abstract Extended: PhD Sharing Session 2022, Research Management Unit, Faculty of Architecture, Planning and Surveying, UiTM Shah Alam, e ISBN 978-967-17079-5-1, 31 – 35.*
9. Shaari, M. F., Ahmad, S. S., Ismail, I. S., & Zaiki, Y. (2021). The Quality of Overall Planning and its Influence on Overcrowding in Malaysian Preschools. *Asian Journal of Environment-Behaviour Studies*, *6*(18), 63-77.
10. Shaari, M. F., Zaiki, Y., Ahmad, S. S., & Ismail, I. S. (2021). Modified Open-Plan Preschool Spaces and Their Influence on Children’s Cognitive Development. *Asian Journal of Environment-Behaviour Studies*, *6*(18), 47-61.
11. Jasni, A. S., Ahmad, S. S., Shaari, M. F., & Sánchez, R. B. (2021). Greenhouse Daylight Illuminance for Users’ Satisfaction in Hot and Humid Climate. *Environment-Behaviour Proceedings Journal*, *6*(16), 81-91.
12. Talip, M. S., Shaari, M. F., Ahmad, S. S., & Sanchez, R. B. (2021). Optimising Daylighting Performance in Tropical Courtyard and Atrium Buildings for Occupants’ Wellbeing. *Environment-Behaviour Proceedings Journal*, *6*(16), 93-102.
13. Shaari, M. F., Ahmad, S. S., Ismail, I. S., & Zaiki, Y. (2020). The Influence of Modified Open-Plan Preschool Spaces on Cognitive School Readiness in Malaysia. *Environment-Behaviour Proceedings Journal*, *5*(15), 123-130.
14. Shaari, M. F., Ahmad, S. S., Ismail, I. S., & Zaiki, Y. (2020). Addressing Recent PISA Rankings: The potential role of preschool physical environment design quality in Malaysia. *Environment-Behaviour Proceedings Journal*, *5*(13), 93-99.
15. Shaari, M. F., Ahmad, S. S., & Ismail, I. S. (2020). The Quality of Building as a Whole for Public Preschools at Klang Valley in Malaysia. *Environment-Behaviour Proceedings Journal*, *5*(SI1), 17-23.
16. Shaari, M. F., Ahmad, S. S., & Ismail, I. S. (2020). Assessing the Quality of Overall Planning for Public Preschools at Klang Valley in Malaysia. *Environment-Behaviour Proceedings Journal*, *5*(SI1), 3-9.
17. Shaari, M. F., Ahmad, S. S., Ismail, I. S., & Zaiki, Y. (2020). Preschool Physical Environment Design Quality: Addressing Malaysia’s PISA Rankings. *Asian Journal of Environment-Behaviour Studies*, *5*(16), 45-57.
18. Fadzi, M. N. M., Ahmad, S. S., & Shaari, M. F. Courtyard Configuration Strategy to Reduce Air Temperature in Malaysian University Campus.
19. Shaari, M. F., Ahmad, S. S., & Ismail, I. S. (2018). Rethinking Preschool Physical Design: Enhancing environmental stewardship among children. *Asian Journal of Behavioural Studies*, *3*(13), 128-139.
20. Shaari, M. F., & Ahmad, S. S. (2018). Preschool Design and School Readiness. *Asian Journal of Quality of Life*, *3*(10), 109-120.
21. Shaari, M. F., & Ahmad, S. S. (2016). Physical learning environment: Impact on children school readiness in Malaysian preschools. *Procedia-Social and Behavioral Sciences*, *222*, 9-18.
22. Shaari, M. F., Ahmad, S. S., & Ismail, I. S. (2016). Nurturing Environmental Stewards through Preschool Physical Design. *Environment-Behaviour Proceedings Journal*, *1*(3), 3-12.

23. Farid, F. H. M., Ahmad, S. S., Raub, A. B. A., & Shaari, M. F. (2016). Green "Breathing Facades" for Occupants' Improved Quality of Life. *Procedia-Social and Behavioral Sciences*, 234, 173-184.
24. Ahmad, S. S., Shaari, M. F., Hashim, R., & Kariminia, S. (2015). Conducive attributes of physical learning environment at preschool level for slow learners. *Procedia-Social and Behavioral Sciences*, 201, 110-120.

Research Grants and Contracts

1. Fundamental Research Grant Scheme (FRGS) 2023, Sr. Dr. Hafiszah Ismail, Ts. Dr. Mariam Felani Shaari, PM. Sr. Dr. Nor Rima Muhammad Ariff, Aida Wati Zainan Abidin, Ts. Dr. Khusairi Rashid & Dr. Noor Harzana Harun, RM67,600, Researcher (Next Appointed Leader), 2023 - Present
2. Dana Universiti Cawangan Selangor (DUCS) 4.0, Ts. Dr. Mariam Felani Shaari, Dr. Nik Farhanah Nik Azhari, Ar. Mohd ALJeffri Hussin, Prof. Ir. Ts. Dr. Mohd Nasir Taib & Ar. Meor Naim Meor Kamarul Zaman, RM 50,000, Main Researcher, 2022 – Present
3. Dana Universiti Cawangan Selangor – Fakulti (DUCS–Fakulti), Dr. Nurulhusna Qamaruz Zaman, Ts. Dr. Mariam Felani Shaari, Dr. Aidatul Fadzlin Bakri, Dr. Mimi Zaleha Abdul Ghani, Dr. Nurul Amira Abd Jalil, Rashidah Jimi Sham, Liyana Mahfuzah Mohd For & Yazid Sarkom, RM 70,000, Researcher, 2022 – Present
4. Geran MYRA Lepas PhD, Dr. Nik Farhanah Nik Azhari, Ts. Dr. Mariam Felani Shaari, Assoc. Prof. Dr. Ahmad Ridzwan Othman & Dr. Azman Hassan, RM20,000, Researcher, 2022 – Present
5. Kajian Halatuju Pendidikan Senibina Negara 2030 (HSPN 2030), Ar. Mohd ALJeffri Hussin, Kartini Kasmuri, Dr. Mariam Felani Shaari, Muhammad Yasin Ramadhan, Mohd Hafiz Mohammad Zin, RM 68,100, Researcher, 2020 – Present
6. Geran Penyelidikan Penghasilan Garis Panduan Pelaksanaan Kampus Inklusif (MyU-OKU) Phase 1, Dr. Mastura Adam, Dr. Mariam Felani Shaari, Dr. Norafida Ab Ghafar, Dr. Nurul Syala Abdul Latip, Noor Azidah Abdullah, 2019, Researcher, Completed
7. Fundamental Research Grant Scheme (FRGS), Prof. Dr. Sabarinah Sheikh Ahmad, Assoc. Prof. Dr. Izaham Shah Ismail, Dr. Mariam Felani Shaari, 2015 – 2017, RM 117,800, GRA, Completed
8. Long-term Research Grant Scheme (LRGS), Prof. Dr. Rugayah Hashim, Prof. Dr. Sabarinah Sheikh Ahmad, Dr. Mariam Felani Shaari, 2014 – 2015, GRA, Completed

Consultation & Expertise

1. Editorial Board (Head of Copy Editor), Built Environment Journal (BEJ), International Journal Level, 2023 – Present
2. Researcher & Guideline Developer, Kajian Halatuju Pendidikan Senibina Negara 2030 (HSPN 2030), Ministry of Higher Education – Lembaga Arkitek Malaysia (LAM), National Level, 2020 – Present
3. Researcher & Guideline Developer, Garis Panduan Pelaksanaan Kampus Inklusif (MyU-OKU) Phase 1, Ministry of Higher Education – Universiti Malaya (UM), National Level, 2019 - Completed

Innovation, Commercialization & Entrepreneurial

1. Member, Pembangunan Bahan Kursus Massive Open Online Course (MOOC) for Design Drawing & Communication (AAA405) Course, 2023, International Level
2. Member, Program Transformasi Pusat Sumber SK Puncak Alam – Lukisan Mural, CoSA Corporate Social Responsibility (CSR) Project, 2022 - 2023

3. Member, Lorek – Lukis – Lakar (LO – LU – LA), CoSA Entrepreneurship Project Development, 2020, Faculty Level
4. Member, Pembangunan Bahan Kursus Massive Open Online Course (MOOC) for Architectural Appreciation (AAR400) Course, 2020, International Level
5. Supervisor, Magical Arts Competition, Lembaga Arkitek Malaysia (LAM), 2019, National Level
6. Researcher, Invention, Innovation & Design Exposition (IIDEX), 2015, University Level

Services & Administration

Administration

1. Head of Architecture Department (Koordinator Bidang), School of Architecture & Interior Architecture, College of Built Environment, 2023 – Present
2. Head of Copy Editor, Built Environment Journal (BEJ), Universiti Teknologi MARA, 2023 – Present
3. AJK, Massive Open Learning Course (MOOC) Content Development for AAA405 Design Drawing & Communication, Studies of Architecture (SoA), 2023 – Present
4. Advisor, Memorandum of Agreement (MoA) between Universiti Teknologi MARA (UiTM) & BOSSSEVEN Engineering Sdn. Bhd., 2023 - 2024
5. Advisor, Palambina Design Festival – Jalan Kembali, 2023
6. Advisor, RIBA Revalidation Visit 2024, 2023 - 2024
7. Mentor, Strategic Planning Mentoring Program, Faculty of Architecture, Planning & Surveying, 2021 – Present
8. Permanent Member, Tropical Building Performance Research Group (TROB-P), 2018 – Present
9. Guest Member, Advanced Signal Processing Research Group (ASPRG), 2022 – Present
10. Secretary, New Program (Doctorate in Built Environment-Practice-Based) Development Committee, Faculty of Architecture, Planning and Surveying, Shah Alam, 2019 – Present
11. Resource Person, Topical Study (AAR635), Bachelor of Science in Architecture (AP243), Centre of Studies for Architecture (CoSA), 2021 – Present
12. Coordinator, Topical Study (AAR635), Bachelor of Science in Architecture (AP243), Centre of Studies for Architecture (CoSA), 2021 - Present
13. Coordinator, Amanah Tugas Pensyarah (ATP), Centre of Studies for Architecture (CoSA), 2021 – Present
14. Coordinator, Student Affairs, Centre of Studies for Architecture (CoSA), 2021 – Present
15. AJK, Massive Open Learning Course (MOOC) Content Development, Centre of Studies for Architecture (CoSA), 2020 – Present
16. Coordinator, Timetable, Centre of Studies for Architecture (CoSA), 2019 - Present
17. Coordinator, Master of Architecture (M. Arch) Examination, Centre of Studies for Architecture (CoSA), 2019 – Present
18. Resource Person, Architectural Science II (AAR604 & AAA574), Bachelor of Science in Architecture (AP243), Centre of Studies for Architecture (CoSA), 2019 - Present
19. Resource Person, Sustainable Environment (ARK704), Master of Architecture (AP773), Centre of Studies for Architecture (CoSA), 2019 - 2021
20. AJK, Syllabus Revision, Centre of Studies for Architecture (CoSA), 2019 – Present
21. AJK, New Program Development – “Doctorate in Built Environment (Practice-based)”, Faculty of Architecture, Planning & Surveying (FSPU), 2019 – Present
22. AJK, RIBA Re-validation Visit 2019, Centre of Studies for Architecture (CoSA), 2019
23. AJK, Infrastruktur dan Infostruktur, Faculty of Architecture, Planning & Surveying (FSPU), 2019
24. AJK, Strategic Planning, Faculty of Architecture, Planning & Surveying (FSPU), 2019

Academic Advisor

1. Nur Alya Afrina Binti Azalan
2. Nur Irdina Hida Binti Mohd Yusri
3. Nur Nadine Sophea Binti Hadznoel
4. Nurliyana Khairunnisa Binti Ahmad
5. Nur Fatieha Binti Mohamad
6. Nur Liyana Binti Rosli
7. Puteri Elina Binti Khir Annuar
8. Sheikh Ahmad Tajuddin Bin Mohamed
9. Wan Farah Nabila Binti Wan
10. Wan Irene Izaty Binti Mohd Suhaimi
11. Amalina Safiah Binti Jasni
12. Izyan Syaheerah Binti Azhari
13. Muhammad Luqman Bin Abd Latif
14. Ammar Ayman Zaino
15. Ahmad Khairul Qadri Bin Maiadi
16. Amir Zharif Firdaus Bin Rahman
17. Farah Hanie Binti Mohamad Aarif
18. Muhammad Amir Fitri Bin Zulkifly
19. Ahmad Adzfar Bin Hilmeem
20. Ahmad Hilman Bin Mohamed Amin
21. Iqlisyah Daniya Binti Razarous
22. Hana Yasmin Binti Sanusi
23. Ahmad Amzar Syakir Bin Roslim
24. Alysha Rania Binti Radzlan
25. Harith Bin Ja'afar
26. Farah Syahida Binti Ahmad Tamim
27. Muhammad Isrul Azam Bin Mohd
28. Mohamad Afif Najmi Bin Abdul
29. Mastura Binti Nazmi
30. Muhammad Nabil Bin Mohammed
31. Fatinah Binti Zulkelnain
32. Iman Nabila Binti Ismadi
33. Isqandar Hadi Bin Mansor

Work and Collaboration Experience

Work

1. Researcher, Collaborative Research with Ministry of Health, School of Mathematical Sciences & College of Built Environment (CEB) Members, Synthesizing the Multi-Generational Housing Environment Preferences Framework with the Quality of Life (QoL) Concept for Active-Ageing Community Life Satisfaction in Malaysia. Adoption of the Analytical Hierarchy Process (AHP) Method, October 2023 – Present
2. Program Advisor (CFAP243), Memorandum of Understanding (MoU) between College of Built Environment and Boss Seven Engineering Sdn. Bhd., March 2023 – Present
3. Lead Researcher, Multi-disciplinary Collaborative Research with Jabatan Bomba & Penyelamat Malaysia (JBPM) & Advanced Signal Processing Research Group (ASPRG), College of Engineering,

UiTM Shah Alam. The Influence of Fire Evacuation Route Designs on Human Brain Electroencephalogram (EEG) and Evacuation Wayfinding Cognition Performance During Fire in Malaysian Hospitals, February 2022 – Present

4. Researcher, Collaborative Research with Centre of Studies for Architecture (CoSA) Members, Children Participation in Designing 21st Century Learning Environment, July 2022 – Present
5. Researcher, Collaborative Research with College of Built Environment (CEB) Members, People and Their Walking Environment: Understanding Relationship of Place Narratives and Pedestrians Behaviour through Neuro-urbanism, October 2022 – Present
6. Rapporteur, International Conference on Early Childhood Education: Management and Architectural Design Support, The World Melayu-Polynesia Organisation – University Malaya (UM) – Universiti Teknologi MARA (UiTM) – Nusatek, International Level, 2022 - Completed
7. Researcher, Kajian Halatuju Pendidikan Senibina Negara 2030 (HSPN 2030), Ministry of Higher Education – Lembaga Arkitek Malaysia (LAM), National Level, 2020 – On-going
8. Researcher, Garis Panduan Pelaksanaan Kampus Inklusif (MyU-OKU) Phase 1, Ministry of Higher Education – Universiti Malaya (UM), National Level, 2019 - Completed
9. Part-time Lecturer, Centre of Studies for Architecture (CoSA), Faculty of Architecture, Planning & Surveying (FSPU), Universiti Teknologi MARA, Puncak Alam, Selangor, 2017 - 2018
10. Conference Secretariat, 3rd International Conference on Science & Social Science Research (CSSR) 2016, Putrajaya, 2016
11. Graduate Research Assistant (GRA), Faculty of Architecture, Planning & Surveying (FSPU), Universiti Teknologi MARA, Shah Alam, Selangor, 2015 – 2017
12. Research Officer (RO) & Graduate Research Assistant (GRA), Faculty of Administrative Science & Policy Studies, Universiti Teknologi MARA, Shah Alam, Selangor, 2014 – 2015
13. Design Architect, ZAPG Architects, Wangsa Maju, Kuala Lumpur, 2013 – 2014
14. Junior Architect, ZAPG Architects, Wangsa Maju, Kuala Lumpur, 2010
15. Assistant Architect, Jazlan Azmi Architect, Taman Seri Rampai, Kuala Lumpur, 2009
16. Administration Assistant (IT Division), Roche Diagnostics (M) Sdn. Bhd., Petaling Jaya, Selangor, 2006

Freelance Work

1. Academic Writing Proof-Reader, 2015 – Present
2. Graphic Designer, 2013 – Present

Panelist

1. International Guest Jury, Architectural Design Thesis Deliberations 2023, Department of Architecture, College of Architecture, Design and the Built Environment, Polytechnic University of Philippines
2. Admission Interview Panelist, Fast-track PhD in Built Environment (AP991), 2023 – Present.
3. Grant Evaluation Panelist, Universiti Teknologi MARA Internal Grant, MyRA Grant 2023
4. Reviewer, Planning Malaysia Journal (Special Issues 2023), Scopus Q2, 2023, Paper 1
5. Reviewer, 6th International Conference on Research Methodology for Built Environment and Engineering (ICRMBEE) 2023, Papers 1, 2 & 3
6. Guest Jury, Topical Study E-Poster (KKS 3233), 2023, Department of Architecture & Built Environment, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia (UKM), Bangi, Selangor

7. Guest Panelist (Studio Year 2), 2023, Bachelor of Science in Architecture, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia (UKM), Bangi, Selangor
8. Grant Evaluation Panelist, Geran Pembudayaan Penyelidikan UiTM Cawangan Selangor (DUCS-P) 2022
9. Reviewer, 3rd International Conference on Built Environment and Engineering (IConBEE) 2022, Paper 1
10. Guest Panelist (Studio Year 3), 2022, Bachelor of Science in Architecture, Faculty of Engineering and Built Environment, Universiti Islam Antarabangsa (UIA), Gombak, Selangor
11. Guest Panelist (Studio Year 1), 2022, Bachelor of Science in Architecture, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia (UKM), Bangi, Selangor
12. Guest Panelist (Studio Year 3), 2022, Bachelor of Science in Architecture, Faculty of Engineering and Built Environment, Universiti Islam Antarabangsa (UIA), Gombak, Selangor
13. Examiner, PhD in Built Environment (AP991) Defense of Research Proposal (DRP), 2022 – Present.
14. Examiner, Master of Architecture (AP773) Design Thesis Intention of Research Proposal (IRP), 2021 – Present
15. Reviewer, 5th International Conference on Research Methodology for Built Environment and Engineering (ICRMBEE) 2021, Papers 1 & 2
16. External Portfolio Examiner, 2021, Diploma in Architecture, Center of Studies Diploma SPACE, Universiti Teknologi Malaysia (UTM), Johor Bahru, Johor
17. External Panelist, 2021, Final Project Assessment, Bachelor of Science in Architecture (Hons), Faculty of Built Environment, Tunku Abdul Rahman University College (TARUC), Kuala Lumpur
18. Student Intake Interview Coordinator, Master of Architecture (AP773), Centre of Studies for Architecture (CoSA), 2021 – Present
19. International Student Intake Interview Panelist, PhD in Built Environment (AP991), UiTM, 2021 – Present
20. Guest Panelist, 2021, Bachelor of Science in Architecture, Faculty of Built Environment, Universiti Malaya (UM), Petaling Jaya, Selangor
21. Guest Panelist, 2020, Bachelor of Science in Architecture, Faculty of Built Environment, Universiti Malaya (UM), Petaling Jaya, Selangor
22. Design Thesis 1 Vetting Panelist, Master of Architecture (AP773), Centre of Studies for Architecture (CoSA), 2019 – Present
23. Design Thesis 1, Critique Panelist, Master of Architecture (AP773), Centre of Studies for Architecture (CoSA), 2019 – Present
24. Design Thesis 2, Critique Panelist, Master of Architecture (AP773), Centre of Studies for Architecture (CoSA), 2019 – Present
25. Dissertation, Proposal Defense Panelist, Master of Architecture (AP773), Centre of Studies for Architecture (CoSA), 2019 – Present
26. Student Intake Interview Panelist, Bachelor of Science in Architecture (AP243), Centre of Studies for Architecture (CoSA), 2018 – Present
27. Guest Panelist, 2018, Bachelor of Interior Architecture, Faculty of Architecture, Planning & Surveying, Universiti Teknologi MARA, Puncak Alam, Selangor
28. Guest Panelist, 2016, Bachelor of Interior Design (Hons.), Collaboration program between Sheffield Hallam University, UK & INTI International College, Petaling Jaya, Selangor

Awards & Recognitions

1. Excellent Service Award (Anugerah Perkhidmatan Cemerlang) 2023, Universiti Teknologi MARA
2. Bronze Award, E-Content Development Competition 2023 (e-ConDev 2023), Social Science & Humanities Category for MOOC – Design Drawing & Communication (AAA405) Course
3. Young Researcher Award (Anugerah Penyelidik Harapan) 2022, College of Built Environment, Universiti Teknologi MARA
4. Best Presenter Award, 3rd International Conference on Built Environment and Engineering (IConBEE), International Level, 2022, Main Supervisor (Fathimah Zakiyah)
5. Best Paper Award, 1st International Architectural Post Graduate Conference (IAPC), International Level, 2022, Main Supervisor (Sheikh Ahmad Tajuddin)
6. Best Paper Award, 1st International Architectural Post Graduate Conference (IAPC), International Level, 2022, Main Supervisor (Muhammad Izzat Irfan)
7. Best Paper Award, 1st International Architectural Post Graduate Conference (IAPC), International Level, 2022, Co-supervisor (Nur Afizzat)
8. Bronze Award, Lorek – Lukis – Lakar (LO – LU – LA), CoSA Entrepreneurship Project Development, Faculty Level, 2020, Member
9. Gold Award, 5th Built Environment Undergraduate Research Competition (BEURC), Building Science Category, National Level, 2020, Co-supervisor (Zulharis)
10. Gold Award, 5th Built Environment Undergraduate Research Competition (BEURC), Building Science Category, National Level, 2020, Co-supervisor (Muhammad Aiman)
11. Silver Award, 5th Built Environment Undergraduate Research Competition (BEURC), Building Science Category, National Level, 2020, Co-supervisor (Ahmad Rahimi)
12. Best Paper Award, Universidade De Lisboa – Centre of Environment-Behaviour Studies – AMER-ABRA, 8th AMER International Conference on Quality of Life, International Level, 2020, Presenter
13. Consolation Prize, Magical Arts Competition, Lembaga Arkitek Malaysia (LAM), National Level, 2019, Supervisor
14. Best Paper Award, Global Research Conference (GRaCe), International Level, 2018, Co-supervisor (Muhammad Noriman)
15. Best Paper Award, 4th International Conference of Science & Social Research (CSSR), International Level, 2017, Presenter
16. Best Poster Award, 4th International Conference of Science & Social Research (CSSR), International Level, 2017, Presenter
17. Bronze Award, Invention, Innovation & Design Exposition (IIDEX), University Level, 2015, Presenter
18. Ministry of Education (MOE) MyPhD Scholarship, National Level, 2015 – 2017, Postgraduate Student
19. Majlis Amanah Rakyat (MARA) International Postgraduate Scholarship, International Level, 2011 – 2013, Postgraduate Student

Contribution to Society

1. Program Transformasi Pusat Sumber SK Puncak Alam – Lukisan Mural, CoSA Corporate Social Responsibility (CSR) Project, 2022, Member
2. Garis Panduan Perlaksanaan Kampus Inklusif (MyU-OKU) Phase 1, Ministry of Higher Education – Universiti Malaya (UM), National Level, 2019, Researcher

3. Ministry of Education (MOE) Preschool Physical Learning Environment Model, National Level, 2015 – 2019, Researcher
4. Persatuan Ibu, Bapa & Guru (PIBG), Little Caliphs Kindergarten, Community Level, 2018 – 2020, Member
5. Little Hajj Program, Little Caliphs Kindergarten, Community Level, 2018 – 2020, Member
6. Sime Darby Bandar Bukit Raja Cogan Community, Community Level, 2017 – 2020, Member

Other Activities

1. IEEE 18th International Colloquium on Signal Processing and Applications (CSPA), 2022, Participant
2. Istiadat Konvokesyen UiTM Ke-95 (Sidang Ke-6), UiTM Shah Alam, National Level, 2022, Participant
3. Advanced Signal Processing Research Group (ASPRG) Colloquium, 2022 – Present (Monthly Event), Participant
4. International Symposium on Research and Dissemination in Design and Built Environment, International Level, 2022, Participant
5. 3rd International Conference on Built Environment and Engineering (IConBEE), International Level, 2022, Supervisor
6. 1st International Architectural Post Graduate Conference (IAPC), International Level, 2022, Supervisor
7. International Conference on Early Childhood Education: Management and Architectural Design Support, 2022, Rapporteur
8. FRGS Clinic, FSPU, UiTM Shah Alam, Faculty Level, 2019, Participant
9. Methodology Webinar: Quantitative Research, Dissertation (ARK805), 2022, Guest Speaker
10. Dialogue Series.3: Architectural Research Methodologies 2022 – Prospective Cohort Study, Centre of Studies for Architecture (CoSA), 2022 Guest Speaker
11. Methodology Webinar: Quantitative Research, Dissertation (ARK805), 2021, Guest Speaker
12. Amanah Tugas Pensyarah (ATP) Workshop, Centre of Studies for Architecture, 2021, Speaker
13. AMER International Conference on Quality of Life, Colmar Bukit Tinggi, International Level, 2020, Participant
14. 8th AMER International Conference on Quality of Life, Malacca, International Level, 2020, Presenter
15. FSPU Talk Webinar: PhD Sharing Session 3, FSPU, UiTM Shah Alam, International Level, 2020, Guest Speaker
16. AMER-ABRA International Virtual Conference on Environment-Behaviour Studies, 2nd Series, UiTM Shah Alam, International Level, 2020, Presenter
17. 5th International Built Environment Undergraduate Research Competition (BEURC), Universiti Malaya, 2020, Supervisor
18. Bengkel Penulisan dan Penerbitan InQKA, Siri 2, ILD Nilai, National Level, 2020, Participant
19. Webinar Series: Continuous Humanitarian Education – Delivering Sustainable Wash Programs, MERCY, International Level, 2020, Participant
20. Program Keusahawanan MASMED Siri 2, FSPU, UiTM Shah Alam, Faculty Level, 2020, Participant
21. Program Keusahawanan MASMED Siri 1, FSPU, UiTM Shah Alam, Faculty Level, 2020, Participant
22. FSPU Talk Webinar: PhD Sharing Session 4, FSPU, UiTM Shah Alam, International Level, 2020, Participant
23. Bengkel Projek Kajian Halatuju Pendidikan Negara 2030 (HPSN 2030), National Level, 2020
24. Higher Education Teaching & Learning (HETL) Program, ILD Perak, 2020, National Level, Participant

25. Bengkel 1, 2, 3, 4 & 5, Projek Kajian Kerangka Kampus Inklusif Untuk Meningkatkan Kemasukan Pelajar OKU Ke Universiti Awam Malaysia (MyU-OKU), National Level, 2019
26. Bengkel Latihan Penggunaan Wind Tunnel, FSPU, UiTM Puncak Alam, Faculty Level, 2019, Participant
27. Program Transformasi Minda (PTM), ILD Perak, 2019, National Level, Participant
28. Bengkel Penulisan Tesis ke Buku Siri 2, FSPU, UiTM Puncak Alam, Faculty Level, 2019, Participant
29. Istiadat Konvokesyen UiTM Ke-90 (Sidang Ke-7), UiTM Shah Alam, National Level, 2019, Participant
30. FRGS Clinic, FSPU, UiTM Shah Alam, Faculty Level, 2019, Participant
31. Bengkel Latihan Penggunaan (Durian) Artificial Sky Dome, FSPU, UiTM Puncak Alam, Faculty Level, 2019, Participant
32. Bengkel Blended Learning, FSPU, UiTM Shah Alam, Faculty Level, 2019, Participant
33. Majlis Iftar (ISBIRU), Centre of Studies for Architecture (CoSA), FSPU, UiTM Puncak Alam, Faculty Level, 2019, Participant
34. Arkib's 80's Graduation Dinner, Centre of Studies for Architecture (CoSA), FSPU, UiTM Puncak Alam, Faculty Level, 2019, Participant
35. Archi Night, Centre of Studies for Architecture (CoSA), FSPU, UiTM Puncak Alam, Faculty Level, 2019, Participant