

name

ESMAWEE HJ ENDUT (Dr)

Associate Professor

School of Architecture & Interior Architecture,
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Areas of Expertise

Traditional Malaysian Built Forms, Heritage and Conservation Management, Climatic Design Principles, Passive Design Strategies, Tropical Design, Sustainable Design, Regional Architecture and Green Architecture

<https://scholar.google.com.my/citations?hl=en&user=FfAlRawAAAAJ>

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Personal Information

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School of Architecture & Interior Architecture, College of Built Environment,
Universiti Teknologi MARA, Selangor Branch,
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Selangor, Malaysia.

Academic Qualifications

PhD in Traditional Malaysian Built Forms, 1993, University of Sheffield, United Kingdom
Post-Graduate Diploma in Architecture, 1990, University of Brighton, United Kingdom
Bachelor of Arts (Honors) Architectural Design, 1988, University of Brighton, United Kingdom
Diploma in Architecture, 1986, Universiti Teknologi Malaysia

Professional Members

1. Registered Architectural Graduate with Board of Architects Malaysia (LAM) Reg No: AG/E 10
2. Registered Graduate Member of Institute of Malaysian Architects (PAM) Reg No. G 789
3. Royal Institute of British Architects (RIBA) Part I & II

Teaching and Learning

1. Architecture and Historic Building Technology (WHC711), Design Thesis II (AAA880) – 20244
2. Architecture and Historic Building Technology (WHC711), Design Thesis I (AAA820) – 20242
3. Architecture and Historic Building Technology (WHC711), Design Thesis I (AAA820), Design Thesis II (AAA880) – 20234
4. Architecture and Historic Building Technology (WHC711), Design Thesis I (AAA820), Design Thesis II (AAA880), Advanced Design I (AAA700) – 20232
5. Architecture and Historic Building Technology (WHC711), Design Thesis I (AAA820), Design Thesis II (ARK850), Advanced Design I (AAA700) – 20224
6. Architecture and Historic Building Technology (WHC711) – 20222
7. Architecture and Historic Building Technology (WHC711), Design Thesis II (ARK850) – 20214
8. History and Theory of Architecture (HCM721), Design Thesis I (ARK800), Design Thesis II (ARK850), Dissertation (ARK805), Advanced Design I (ARK700) – 20212
9. History and Theory of Architecture (HCM721) – 20204
10. History and Theory of Architecture (HCM721), Design Thesis I (ARK800), Design Thesis II (ARK850), Dissertation (ARK805) – 20202
11. History and Theory of Architecture (HCM721), Design Thesis I (ARK800), Design Thesis II (ARK850), Dissertation (ARK805) – 20194
12. History and Theory of Architecture (HCM721), Integrated Project (HCM733), Design Thesis I (ARK800), Design Thesis II (ARK850), Dissertation (ARK805), Advanced Design I (ARK700) – 20192

Student Supervision

PhD Thesis

1. TIAN HAINING (2020668806), "Research on Adaptable Architectural Patterns for Residential Dwellings in The Regional and Ecological Environment of Qinba Mountains", Main Supervisor
2. NORLIZA DASIMA BINTI MOHAMED NAZRI (2020652404), "Heritage Urbanism-Conserving Historic City in Malaysia", Co-Supervisor
3. MOHD RIFZAL B MOHD SHARIFF (2016328869), "Urban Conservation of Ex-Tin Mining Towns in Lembah Kinta Perak Towards Regeneration Cultural Heritage Tourism", Main Supervisor
4. MUHAMMAD SHAHIR BIN SHAHRIN (2019489586), "Built Heritage Assessment using 3D Point Cloud Data Analysis from LIDAR Survey", Co-Supervisor
5. AHMADREZA SABERI (2010961279), "Calligraphic Woodcarving Ornamentations in Selected Peninsular Malaysian Mosques", Main Supervisor (Completed)
6. ABU BAKAR HJ ABD RAUB (2007240722), "British Architecture in Peninsular Malaysia: An Analytical Study of Architectural Characteristics for Colonial Buildings in Hill Stations", Main Supervisor (Completed)
7. NOR MAZLAN BIN MOHD YUNUS (2017328743), "The Appraisal of Heritage Buildings in Kuala Kangsar, Perak and Generation of Heritage Trail Towards Establishing Practical Framework and Its Relationship to Legislative Criteria", Main Supervisor (Completed)

Master's Thesis

1. ARIFAH BINTI AMRI (2023420078), "Comparative Analysis of Rumah Ibu Facade Design with Reference to Janda Berhias Wall Panel in Kelantan and Terengganu" – 20244
2. MADZIYAN FATHZILAH BIN AHMAD SUHAIMI (2022241332), "Kelantan Deep Sea Port: A New Potential Eco-Tourism in Tumpat" – 20242
3. ADHWARUL ALIF B MOHAMAD SHAHAR (2022256686), Pathway of Progress: Evaluating the Proposed Upgrade to Kota Bharu Kelantan Bus Terminal" – 20242
4. NUR AQILAH BINTI ABADI (2023182749). "Kuala Lumpur Traditional Attire Hub: Integrating Cultural Heritage and Innovative Homeless Solution" – 20242
5. NUR AQILAH BINTI ABDUL HAMID (2022279092), "Heritage Building Maintenance: Stakeholder's Perception Towards Maintenance Practice for Masjid Lama Nilai, Negeri Sembilan" – 20234
6. WAN MOHD FIRDAUS BIN WAN MOHD ZAKI (2022405004), "Chemerong Ecoforest: Research, Recuperate, Revivee Village" – 20234
7. MUHAMMAD ARIFF BIN JAMALUDIN (2022630264), "83500 Heritage Expo" – 20234
8. FATIN ATHIRAH BINTI ZULKEFLI (2022325991). "Aquaponic Farm in Kuala Sepetang, Perak" – 20232
9. NIK MUHAMMAD AMIN BIN MOHD ARIFFIN (2022580717), "Dinar Reinventive and Revolutionary Think Tank Hub in Kota Bharu" – 20232
10. WAN NAJIHAH BINTI WAN NORDIN (2022592647, "The Sustainable Development of Traditional Malay Wood Carving as Intangible Cultural Heritage Tourism Product" – 20232
11. ABDUL RAHMAN BIN HATTA (2021432372), "Kuching Performance Arts Centre - Proposed Performance Arts Centre and River Esplaned Development at Kuching, Sarawak" – 20232
12. NURSYAFIQAH NADIRAH BINTI RAZALI (2022707723), "Dusun Market and Agrotourism Hub in Mount Kinabalu, Sabah" – 20232
13. NURUL ATIQKAH BINTI JAMIL (2022394509), "Timber Heritage: Then, Now, And How to Conserve" – 20224
14. NOFRIADI TRI WARDHANA (2022720565), "Cultural Heritage in Rumah Betang Typical of Dayak for Shape and Sustainability Materials Serve as A Reaction to The Local Way of Life and Climate" – 20224
15. NORAZMIRA BINTI MOHD RAYES (2020120127). "The Characterictics, Challenges & Methods of Conservation for Heritage School Buildings in Klang" – 20222
16. NAJIBAHFAIQAH BINTI MD NOOR (2021675788). "Bio-Architecture and The Application of Natural Material for Thermal Insulation in Tropical Building" – 20222
17. SHARIFFAH SYAFIQAH ALJUNID (2016619606). "The Assessment of Users' Satisfaction Towards the Interior Design Quality of Inpatient Units at Public Hospitals in Malaysia" – 20212
18. IRYANI BINTI ABDUL HALIM CHOO (2017608108), "The Visual & Physical Attributes of Decorative Element of Rumah Limas Bumbung Perak (Rlbp)" – 20212
19. NUR ELISSA BINTI EZANI (2020583413). "Urban Pantry: Urban Farming Community Centre at Alor Setar, Kedah" – 20212
20. VICKRAM THEVAR (PBE143003). "Physiological And Psychological Impact of Malaysian Mosques Prayer Hall" – 20212
21. SHARIFAH SARAH NAZIFA BINTI SYED ILHAM (2019617254), "Traditional Malaysian Dance Conservatory" – 20204
22. MOHD ZAFRI BIN MHD ZAINI (2018820314), "Innovative Aquaculture Community Hub" – 20202
23. AZALEA MARDIANA BINTI DAUD (2017433576). "Community Wellness Center at Desa Park City" – 20194
24. HAZIQAH FATINI BINTI MOHD ZULKAFFLI (2017143765), "Community Center in Port Weld – 20192
25. WAN AMIRUL ASHRAF BIN ZAKARIA (2017326843, "Putrajaya Music Hub" – 20192

Master's Dissertation

1. NUR AQILAH BINTI ABADI (2023182749), "Kuala Lumpur Traditional Attire Hub: Integrating Cultural Heritage and Innovative Homeless Solution"
2. NUR AQILAH BINTI ABDUL HAMID (2022279092), "Heritage Building Maintenance: Stakeholder's Perception Towards Maintenance Practice for Masjid Lama Nilai, Negeri Sembilan"
3. NUR FAATIHAH BINTI ABDUL HADI (2022932527), "Understand the Model of Malay Cultural Village as Heritage Tourism Product: Case Study in Kuala Terengganu"
4. NURUL ATIQKAH JAMIL (2022394509), "Traditional Malay Architecture: The Analysis of Timber Jointing with Reference to West Coast Region and East Coast Region, Peninsular Malaysia"
5. NOFRIADI TRI WARDHANA (2022720565), "A Morphological Study on Rumah Betang Toyoi of Dayak Ngaju Tribe in Central Kalimantan, Borneo"
6. NUR ELISSA BINTI EZANI (2020583413), "Urban Pantry: Urban Farming Community Centre at Alor Setar, Kedah"
7. SHARIFAH SARAH NAZIFA BINTI SYED ILHAM (2019617254), "Kinetic Architecture: The Improvement of Aesthetic Appearances and The Advantages Towards Energy Performance in A Building"
8. AR. YUSSURIANI OME BINTI YUSOF (2020945743), "Accessibility in Seeking Justice: The Implementation of Universal Design in Heritage Courthouse in Malaysia"
9. NOR FARAHIN BINTI A MAJID (2020985849), "Negeri Sembilan Traditional House and Western Sumatera Minangkabau House: Sustainable Culture and Architecture"
10. HASSAN AZAN (2018665712), "Design Principles for Inner-City Social Housing in Maldives: Towards Internal Comfort with Reference to Spatial Requirements and Climatic Influences"
11. MOHD ZAFRI BIN MHD ZAINI (2018820314), "A Simulation of Natural Ventilation for Atrium at Proposed Innovative Aquaculture and Community Hub"
12. NORLIZA DASIMA BINTI MOHAMED NAZRI (2018619884), "Re-Establishing Courtyard in Traditional Taiping Shophouses"
13. KHAIRUZHIDA BINTI ROSLAN (2019124005), "Morphology of Malay Traditional Settlement at Sungai Perak"
14. NURUL AISHAH BINTI GHAZALI (2019788725), "The Traditional Construction of Stairs in Rumah Melayu"
15. HAZIQAH FATINI BINTI MOHD ZULKAFFLI (2017143765), "Community Center in Port Weld"
16. WAN AMIRUL ASHRAF BIN ZAKARIA (2017326843), "Putrajaya Music Hub"
17. FATIN ATHIRAH BINTI ZULKEFLI (2022325991), "The Architectural Design Strategies of Commercial Aquaponic for Cockle's Cultivation in Kuala Sepetang", Dissertation
18. MUHAMMAD ARIFF BIN JAMALDIN (2022630264), "Strengthening Patriotism Through Cultural Heritage Preservation Among Resident of Parit Sulong"

Master's / Applied Research

1. KHAIRUZHIDA BINTI ROSLAN (2019124005), "Morphology of Malay Traditional Settlement at Sungai Perak" – 20194
2. NUR SYAFAWANI BINTI SABTU (2019587539), "The Design Motifs and Influences of Wood Carvings Applied in Long-Roof House at Negeri Sembilan" – 20194
3. NURUL AISHAH BINTI GHAZALI (2019788725), "The Traditional Construction of Stairs in Rumah Melayu" – 20194
4. MUHAMMAD LUQMAN BIN RAZLAN (2017879144), "Proposed Integrated Aboriginal Market at Jalan Bayu Puteri, Tebrau Bay, Johore Bharu for Iskandar Waterfront City Berhad" – 20192

Publications

Indexed Publications

1. Tian Haining, Esmawee Hj Endut, Rohaslinda Ramele Ramli, Srazali Aripin, and Cui Yan. (2024). "The Value and Re-Use Strategy of Traditional Houses Cultural Heritage: A Case Study of Wei's Manor, Qingmuchuan, Hanzhong, Shaanxi, China." *Built Environment Journal*, 21 (Special Issue), 195–207. https://doi.org/10.24191/bej.v21iSpecial_Issue.2698 - MYCITE
2. Tian Haining, Esmawee Hj Endut, Rohaslinda Ramele Ramli. (2024). "Multifactor Evaluation of Architectural Value in Historical and Cultural Heritage Area — The case of Dingzi Street, Hanzhong, Shaanxi, China." *Edelweiss Applied Science and Technology*, 8(4), 562–569. <https://doi.org/10.55214/25768484.v8i4.1150> - SCOPUS
3. Tian Haining, Esmawee Hj Endut, & Rohaslinda Ramele Ramli. (2023). "Analysis of The Spatial Distribution and Influencing Factors for National Folk Settlement of Shaanxi Province in China." *SSRG International Journal of Civil Engineering*, 10(10), 35-44. <https://doi.org/10.14445/23488352/IJCE-V10I10P104> - SCOPUS
4. Nor Mazlan Mohd Yunus, Esmawee Hj Endut, Shahrul Yani Said. (2021). "Cultural Mapping and Heritage Trail in Kuala Kangsar" *Journal of Social Transformation and Regional Development*, 3(1), 24-31. <https://doi.org/10.30880/jstard.2021.03.01.004> - SCOPUS
5. Mohd Rifzal Mohd Shariff, Esmawee Hj Endut, Ahmad Faisal Alias, Nor Haslina Jaafar. (2019). "Towards formulating urban cultural heritage conservation strategies in the former tin mining towns in Lembah Kinta, Perak." *Borneo Journal of Social Science & Humanities*, 1(2), Article 8. <https://doi.org/10.35370/bjssh.2019.1.2-08> - WoS
6. Ahmadreza Saberi, Esmawee Hj Endut, Shervin Motamedi, Shahaboddin Shamshirband, Cecilia Lewis Kausel, Dalibor Petković, Sabarinah Sh. Ahmad, Roslan Hashim, & Chandrabhushan Roy. (2016). "Evaluating The Legibility of Decorative Arabic Scripts for Sultan Alauddin Mosque Using an Enhanced Soft-Computing Hybrid Algorithm." *Computers in Human Behavior*, 55, 127-144. <https://doi.org/10.1016/j.chb.2015.08.055> - WoS
7. Ahmadreza Saberi, Esmawee Hj Endut, Sabarinah Sh. Ahmad, Shervin Motamedi, & Shahab Kariminia. (2015). "Users' Perceptions of Different Genders about Calligraphic Woodcarving Ornamentations in Malaysian Mosques." *Architecture Research*, 5(2), 52-60. <https://doi.org/10.5923/j.arch.20150502.02>
8. Abu Bakar Abd Raub, Esmawee Hj Endut, & Ahmadreza Saberi. (n.d.). "The Eco-Technology of British Colonial Buildings: The 'Western' and 'Eastern' Architectural Elements .oOf Crag Hotel and Woodside Cottage, Penang Hill." *Faculty of Architecture, Planning, and Surveying, UiTM, Shah Alam, Malaysia*. https://doi.org/10.1007/978-981-4585-45-3_43 - SCOPUS

Other Publications

1. Mohd Rifzal Mohd Shariff, Esmawee Endut, Ahmad Faisal Alias & NorHaslina Jaafar, "Conservation Strategies on the Abandoned Towns in the Former Tin Mining Towns in Lembah Kinta, Perak" *MAJ-Malaysia Architectural*, Vol 4, Issue 2, 22-28, August 2022
2. Esmawee Hj Endut, Ahmad Faisal Bin Alias, "Towards Formulating Urban Cultural Heritage Conservation Strategies inthe Former Tin Mining Towns in Lembah Kinta, Perak" *Borneo Journal of Social Science & Humanities*, Vol 1, Issue 1, 1-9, December 2019
3. Ahmadreza Saberi, Esmawee Hj Endut, SS Ahmad, S Motamedi, S Kariminia, R Hashim, "Public Perception on Calligraphic Woodcarving Ornamentations of Mosques: A Comparison Between East Coast and Southwest of Peninsular Malaysia", *International Journal of Multicultural and Multireligious Understanding*, Vol 2, Issue 6, December 2015

4. Ahmadreza Saberi, Esmawee Hj Endut, SS Ahmad, S Motamedi, S Kariminia, "Users' Perceptions of Different Genders about Calligraphic Woodcarving Ornamentations in Malaysian Mosques", *Architecture Research*, Vol 5, Issue 2, 52-60, May 2015
5. Erdayu Os'hara Omar, Esmawee Hj Endut, M Saruwono, "Personalization of the Home", *Procedia Social and Behavioral Sciences*, Vol 49, 328-340, December 2012
6. Erdayu Os'hara Omar, Esmawee Hj Endut, M Saruwono, "Not Your Perfect Home? How Malaysian Homeowners Make It Works" (2012) *Procedia-Social and Behavioral Sciences*, Vol 42, 158-165, December 2012
7. Erdayu Os'hara Omar, Esmawee Hj Endut, M Saruwono, "Before and After: Comparative Analysis of Modified Terrace House", *Procedia-Social Behavioral Sciences*, Vol 36, 158-165, December 2012
8. Erdayu Os'hara Omar, Esmawee Hj Endut, M Saruwono, "Adapting by Altering: Spatial Modifications of Terraced Houses in The Klang Valley Area", *Asian Journal of Environmental-Behavioral Studies*, Vol 1, Issue 3, 1-10, September 2010

Publication from Research (International) Refereed Journal

1. Tian Haining, Esmawee Hj Endut, Rohaslinda Ramele @ Ramli, Srazali Bin Aripin, & Yan Cui. (2024). "The Value Assessment Indicator System For Residential Historic Buildings." *International Postgraduate Conference of Heritage Conservation and Sustainable Management*. https://doi.org/10.1007/978-981-4585-45-3_43
2. Esmawee Bin Haji Endut, "The Value and Re-use Strategy of Traditional Houses Cultural Heritage: A Case Study of Wei's Manor, Qingmochuan, Hanzhong, Shaanxi, China" *UITM PRESS*, Vol 21, Issue 0, 195-207, 2024.
3. Esmawee Bin Haji Endut, "Multifactor Evaluation of Architectural Value in Historical and Cultural Heritage Area—The Case of Dingzi Street, Hanzhong, Shaanxi, China" *Learning Gate*, Vol 8, Issue 4, 562-569, 2024.
4. Esmawee Bin Haji Endut, "Analysis of the Spatial Distribution and Influencing Factors for National Folk Settlement of Shaanxi Province in China" *Seventh Sense Research Group® (SSRG)*, Vol 10, Issue 10, 35-44, 2023.
5. Esmawee Bin Haji Endut, "Cultural Mapping and Heritage Trail in Kuala Kangsar" *Malaysian Institute of Planners*, Vol 19, Issue 15, 127-137, 2021.
6. Esmawee Bin Haji Endut, "Evaluating the Legibility of Decorative Arabic Scripts for Sultan Alauddin Mosque Using an Enhanced Soft-Computing Hybrid Algorithm" *Elsevier*, Vol 55, Issue 2016, 127-144, 2016.
7. Esmawee Bin Haji Endut, "Users' Perceptions of Different Genders About Calligraphic Woodcarving Ornamentations in Malaysian Mosques" *Scientific Academic Publishing*, Vol 5, Issue 2, 52-60, 2015.
8. Esmawee Bin Haji Endut, "Public Perception on Calligraphic Woodcarving Ornamentations of Mosques: A Comparison Between East Coast and Southwest of Peninsular Malaysia" *International Journal of Multicultural and Multireligious Understanding*, Vol 2, Issue 6, 41-57, 2015.
9. Esmawee Bin Haji Endut, "Personalization of the Home" *Elsevier*, Vol 49, Issue 0, 328-340, 2012.
10. Esmawee Bin Haji Endut, "Not Your Perfect Home? How Malaysian Homeowners Make It Work" *Elsevier*, Vol 42, Issue 0, 350-361, 2012.
11. Esmawee Bin Haji Endut, "Before and After: Comparative Analysis of Modified Terrace House" *Elsevier*, Vol 36, Issue 0, 158-165, 2012.
12. Esmawee Bin Haji Endut, "Adapting by Altering: Spatial Modifications of Terraced Houses in the Klang Valley Area" *Centre of Environment Behaviour Studies, FSPU*, Vol 1, Issue 3, 1-10, 2010.

Publication from Research (International) Reviewed Proceeding

1. Esmawee Bin Haji Endut, *"Colonial Buildings in Kuala Kangsar (circa 1900-1950): An Approach Towards Conservation of the Built Heritage"*, 3rd Tourism Outlook Conference; Heritage & Tourism: Alliance & Network Relationship, Event Management & Event Tourism, Renaissance Kuala Lumpur Hotel, Kuala Lumpur, 2007.
2. Esmawee Bin Haji Endut, *"Study of Construction Accidents at Low Rise Building Construction in Klang Valley"*, 2nd Construction Industry Research Achievement International Conference (CIRAIC 09), Legend Hotel, Kuala Lumpur, 3–5 November 2009.
3. Esmawee Bin Haji Endut, *"Before and After: Comparative Analysis of Modified Terrace House"*, ASEAN Conference on Environment-Behaviour Studies (AcE-Bs), 2011.
4. Esmawee Bin Haji Endut, *"Analysis of Physical Characteristics in the Former Tin Mining Towns in Lembah Kinta, Perak Towards Formulating Urban Cultural Heritage Conservation Strategies"*, International Heritage and Cultural Conservation Conference (InHerit 2018), 1-9, 2018.
5. Esmawee Bin Haji Endut, *"The Value Assessment Indicator System for Residential Historic Buildings"*, International Postgraduate Conference of Heritage Conservation and Sustainable Management (IPCHCSM 2024), 19-23, 2024.

Publication from Research (National) Refereed Journal

1. Esmawee Bin Haji Endut, *"Towards Formulating Urban Cultural Heritage Conservation Strategies in the Former Tin Mining Towns in Lembah Kinta, Perak"*, Borneo Journal of Social Science & Humanities, Vol 1, Issue 1, 1-9, UCTS Publisher, December 2019.
2. Esmawee Bin Haji Endut, *"Conservation Strategies on the Abandoned Towns in the Former Tin Mining Towns in Lembah Kinta, Perak"*, Malaysia Architectural Journal, Vol 4, Issue 2, 22-28, August 2022.

Publication from Research (National) Reviewed Proceeding

1. Esmawee Bin Haji Endut, *"Personalisation of the Home"*, 1st National Conference on Environment-Behaviour Studies (1nCEBS 2009), 14 November 2009.
2. Esmawee Bin Haji Endut, *"The Constant and Localized Elements of English Cottages in Fraser's Hill, Pahang, Malaysia"*, 10th Management in Construction Researchers (MiCRA) Conference 2011, 26 July 2011.
3. Esmawee Bin Haji Endut, *"The Eco-Technology of British Colonial Buildings: The 'Western' and 'Eastern' Architectural Elements of Crag Hotel and Woodside Cottage, Penang Hill"*, CoAST 2013, 22 September 2013. - SCOPUS
4. Esmawee Bin Haji Endut, *"Categorization of Safavid Caravanserais with a Glimpse to Adaptive Reuse as a Sustainable Development Strategy"*, CoAST 2013, 22 September 2013.
5. Esmawee Bin Haji Endut, *"Analysis of Calligraphy Wood Carving Ornamentations Used in Sultan Alauddin Mosque, Jugra, Klang"*, International Conference on Innovation and Technology for Sustainable Built Environment, 10 January 2014.

Research Grants and Contracts

1. Mimi Zaleha binti Abdul Ghani (K), Esmawee bin Haji Endut, Nurulhusna binti Qamaruzzaman, Aidatul Fadzlin binti Bakri, Zalina binti Samadi, (2023-2024), KAJIAN KONSULTANSI PELAN KONSEP PEMBANGUNAN PEMBANGUNAN BANDAR LETARI (FASA 2) RM50,000.00 (Completed 2024)
2. Mimi Zaleha binti Abdul Ghani (K), Esmawee bin Haji Endut, Nurulhusna binti Qamaruzzaman, Aidatul Fadzlin binti Bakri, Zalina binti Samadi, Nik Farhanah binti Nik Azhari, Yazid bin Sarkom @ Hj Othman, Zulhilmi Abd Rahman, Ahmad Azhar Che Ali, Isma Adhha Ismail & Che Wan Mohd Faizul

- Che Wan Yusof, 2021-2022, "PELAN PEMBANGUNAN PESISIR PANTAI TERENGGANU BAGI PELAN INDUK TERENGGANU SEJAHTERA (PITAS) 2030", RM50,000, Project Member (Completed 2022)
3. Zalina Samadi, Esmawee Endut & Aidatul Fadzlin Bakri, 2018-2022, "EVALUATING ON-STREET DIGITAL PHOTO ANALYSIS AND REVITALIZATION PERFORMANCE RANKING IN VALORIZING URBAN HERITAGE STREETS", RM20,000, Project Member (Completed 2022)
 4. Esmawee Hj Endut, Mohd Rifzal B Mohd Shariff, 2018 -2020, "URBAN CONSERVATION STRATEGY OF EX-TIN MINING TOWNS IN LEMBAH KINTA PERAK TOWARDS REGENERATING CULTURAL HERITAGE VALUE", RM20,000.00 (Completed 2020)
 5. Esmawee Hj Endut, Abu Bakar Hj Abd Raub, THE ECOTECHNOLOGY OF BRITISH COLONIAL BUILDING IN PENANG HILL AND CAMERON HIGHLANDS 2012-2014 (RM2,000.00) (Completed 2014)
 6. Esmawee Hj Endut, Ahmadreza Saberi, 2013, "COMPONENT ANALYSIS OF WOOD CARVING CALLIGRAPHIC ORNAMENTATION IN MALAYSIAN HERITAGE MOSQUES" ERGS Research Grant, RM20,000.00 (Completed 2014)
 7. Esmawee Endut, Abu Bakar Hj Abd Raub, BUILDING ENVELOPE WALL AND ROOF SYSTEMS OF BRITISH COLONIAL BUILDINGS IN MAXWELL'S HILL AND CAMERON HIGHLAND (2009-2010) RM18,000.00 (Completed 2010)
 8. Esmawee Hj Endut, Abu Bakar Hj Abd Raub, 2005 – 2006, "THE DESIGN AND APPLICATION OF TRADITIONAL MALAY WOOD CARVING IN RESORT ARCHITECTURE WITH REFERENCE TO EAST COAST REGION, PENINSULAR MALAYSIA", research grant under Institute of Research, Development and Commercialization (IRDC, UiTM), RM20,000.00 (Completed 2006)
 9. Esmawee Hj Endut, Abu Bakar Hj Abd Raub, 2005 – 2006, "REVITALIZATION OF PENANG HILL: AN INVENTORY OF COLONIAL BUILDINGS AND NATURAL HERITAGE", research grant under Institute of Research, Development and Commercialization (IRDC, UiTM), RM20,000.00, (Completed 2006)
 10. Esmawee Hj Endut, Abu Bakar Hj Abd Raub, 2004 – 2005, 'A STUDY ON HISTORICAL BACKGROUND AND ELEMENTAL ANALYSIS OF COLONIAL AND POST-COLONIAL BUILDINGS IN MALAY COLLEGE KUALA KANGSAR', research project under Institute of Research, Development and Commercialization (IRDC, UiTM), RM20,000.00 (Completed 2005)
 11. Esmawee Hj Endut, Bakar Hj Abd Raub, 2004 – 2006, 'A STUDY ON BUILDING TYPOLOGY AND CHARACTERISTICS OF COLONIAL BUILDINGS BUILT BETWEEN 1900-1950 AT BUKIT CHANDAN, KUALA KANGSAR, PERAK', research project under Institute of Research, Development and Commercialization (IRDC, UiTM), RM20,000.00 (Completed 2006)

Consultation & Expertise

1. **PANEL OF THESIS EXAMINERS** for PhD Candidate Nik Fatma Arisya binti Nik Yahya, **INTI International University**. Appointment by Professor Dr Shamsul Nahar Abdullah Pro Vice-Chancellor (Academic Operations) 9 April 2025
2. Appointed as **EXTERNAL EXAMINER** for the Master of Architecture Programme at the Faculty of Architecture and Built Environment, **Infrastructure University Kuala Lumpur** by Professor Dato' Dr Noor Inayah Binti Ya'akub, President and Vice-Chancellor of Infrastructure University Kuala Lumpur (IUUKL) 1 Feb 2024 until 31 March 2026
3. Appointed as **PEMERIKSA LUAR** Bagi Program Diploma Senibina, **Pusat Pengajian Diploma SPACE, UTM** Kuala Lumpur from 1 September 2023 hingga 31 August 2025 by Prof Ts Dr Nazri bin Ali, Pengerusi Sekolah Pendidikan Profesional dan Pendidikan Berterusan (SPACE) UTM
4. Appointed as **EXTERNAL ASSESSOR** for Kulliyyah of Architecture & Environmental Design, **International Islamic University Malaysia** (IIUM) from 1st January 2022 until 31st December 2023 by Prof Emeritus Tan Sri Dato" Dzulkipli Abdul Razak, Rector of IIUM

5. Appointed As **EXTERNAL EXAMINER** for the Master of Architecture Programme at the Faculty of Architecture and Built Environment, **Infrastructure University Kuala Lumpur** from 15 October 2021 until 14 October 2023 by Professor Dato' Dr Noor Inayah Binti Ya'akub, President and Vice-Chancellor of Infrastructure University Kuala Lumpur (IUKL)
6. Appointed as **Keynote Speaker** International Postgraduate Conference of Heritage Conservation and Sustainable Management (IPCHSM2024) Universiti Teknologi MARA 31 Jan 2024
7. Appointed as **Distinguished Jury** for PAM ANTHEM SONG COMPETITION, organized by Promotion of Profession Committee, Awards & Competition Committee and Membership & Event Committee, Pertubuhan Arkitek Malaysia, 2024
8. Appointed as **Jury Panel** for INTERNATIONAL INVENTION, INNOVATION & DESIGN EXPOSITION 2023 (IIIDBEEEX 2023) by Prof Sr Dr Zulkiflee Abd Latif (Dean of Research & Innovation) 17 January 2023
9. Appointed as **Professional Jury** for ARCHASIA THESIS OF THE YEAR AWARDS 2023 – TOY ARCASIA 2023, organized by Architects Regional Council Asia 2023
10. Appointed as **Professional Jury** for ARCHASIA THESIS OF THE YEAR AWARDS 2022 – TOY ARCASIA 2022, organized by Architects Regional Council Asia 2022
11. Appointed as **Professional Jury** for ARCHASIA THESIS OF THE YEAR AWARDS 2021 – TOY ARCASIA 2021, organized by Architects Regional Council Asia 2021
12. Appointed as **Professional Jury** for ARCHASIA THESIS OF THE YEAR AWARDS 2020 – TOY ARCASIA 2020, organized by Architects Regional Council Asia 2020
13. Appointed as **Panel Temuduga** Bagi Program CFAP773 Sarjana Senibina Kolej Pengajian Alam Bina, UiTM, 3 February 2024
14. Appointed as Pemeriksa Disertasi (WHC732) Bagi Program Sarjana Sains Pengurusan dan Pemuliharaan Warisan (CFAP777) 2 February 2024
15. Appointed As **Panel Temuduga** Peringkat Pertama Kolej Pengajian Alam Bina 9 November 2023
16. Appointed as **Research Committee Member** for KAJIAN KONSULTASI KAJIAN PELAN KONSEP PEMBANGUNAN BANDAR LESTARI (FASA 2) by Terengganu Strategic & Integrity Institute (TSIS) 20 Mac – 20 September 2023 (6 months)
17. Appointed as Project Director for TMIYC, "Cadangan Menaik-taraf dan Membina Baru Youth Centre Muar Diatas Lot 3265 GRN 96572 Stadium Sultan Ibrahim, Muar, Johor", Shah Sanad Architects Planner Sdn. Bhd., 2020 – 2023
18. Appointed **as Internal Examiner** for PhD Thesis IRYANI ABDUL HALIM CHOO, The Physical Attributes of Decorative Architectural Components of Rumah Limas Bumbung Perak (RLBP) In Central Perak, Universiti Teknologi MARA (UiTM) Perak, 2022
19. Appointed as **Internal Examiner** for AP781 - Master of Science (Built Environment) SHARIFFAH SYAFIQAH ALJUNID (2016619606) "The Assessment of Users' Satisfaction Towards The Interior Design Quality of Inpatient Units at Public Hospitals in Malaysia, December 2020
20. Member of **International Scientific Advisory Committee of Islamic Heritage 2020**, Wessex Institute, 3rd International Conference on Islamic Heritage, Architecture and Art, 2019 – 2020
21. Appointed as **Professional Jury**, "PERTANDINGAN BANGUNAN WARISAN", Majlis Perbandaran Muar, 2020
22. Appointed as **Internal Examiner** for PhD Thesis AZLAINI BIN HAJI ABDUL AZIZ (2002488418) PhD in the Specialisms of the Built Environment, Universiti Teknologi MARA, "Intepretation of Architectural Meanings of Post-Independence Malaysian Buildings Through Semiotic Approach" (2020)

23. Appointed as **Internal Examiner** for PhD Thesis NORASHIKIN ABDUL KARIM, "A Conservation Framework for Historic Interior Scheme of Heritage Museum Building in Peninsular Malaysia" Universiti Teknologi MARA (UiTM) Perak, 2020
24. Appointed as **External Examiner** for PhD Thesis USMAN ABUBAKAR SIDDIQ, "Traditional Urban Form and City Sustainability" Universiti Teknologi Malaysia (UTM), 2020
25. Appointed as **External Examiner** for PhD Thesis AKINJOKUN ADESINA ADEBAYO, "The Viability of Compound Housing Units as Alternative Housing Option in The Context of Place Attachment", Universiti Teknologi Malaysia (UTM), 2020
26. Coordinator "FIRE SAFETY AND PROTECTION WORKSHOP I", FSPU, Universiti Teknologi MARA (UiTM), 2020
27. Coordinator "FIRE SAFETY AND PROTECTION WORKSHOP II" FSPU, Universiti Teknologi MARA (UiTM), 2020
28. Appointed as **External Examiner** for PhD Thesis VICKRAM THEVAR A/L VIJAYAN, "Experimental Phenomenological Models: An Enquiry in The Possibilities Of Clinical Analysis Tools In The Study Of Phenomenological Experiences In Malaysian Mosques" Universiti Teknologi Malaysia (UTM), 2019

Innovation, Commercialization & Entrepreneurial

1. **PERLINDUNGAN HARTA INTELEK BITCOM**, Ar-Cade: Augmented Reality - Creative Application for Dynamic Education, 2024
2. **NAIB JUARA PRODUCT PITCHING AWARD**, UBBL 1984 Fire Safety Requirement GPT: AI-Powered Solution For Building Compliance, INVENTION, INNOVATION & DESIGN EXPOSITION (IIDEX), 2024
3. **BRONZE AWARD**, UBBL 1984 Fire Safety Requirement GPT: AI-Powered Solution for Building Compliance, INVENTION, INNOVATION & DESIGN EXPOSITION (IIDEX), 2024
4. **SILVER AWARD**, Ar-Cade: Augmented Reality - Creative Application for Dynamic Education, INVENTION, INNOVATION & DESIGN EXPOSITION (IIDEX), 2024
5. Logo and Merchandise Design for ESPLANET MUSIC STUDIO, 2022
6. Corporate Logo Design for INTEGRATED DESIGN NETWORK 2021
7. Team Building Infographic for ARECA CAPITAL SDN BHD, 2020
8. Corporate Logo Design for VELESTO ENERGY BERHAD (previously UMW Oil & Gas Corporation Berhad), 2018
9. Supervisor in NOVEL RESEARCH & INNOVATION COMPETITION (NRIC) 2013, UNIVERSITI SAINS MALAYSIA, 20th – 22nd August 2013
10. Innovation, Invention and Design Competition (IIDEX SE 2013) PROJEK 3K – GREEN TOILET anjuran Research Management Unit (RMU), FSPU, UiTM, Shah ALAM, 24 December 2013

Services & Administration

1. Koordinator Webinar Industri dan Koordinator Hubungan & Jaringan Industri di Peringkat Pusat Pengajian Senibina, Fakulti Senibina Perancangan dan Ukur, UiTM untuk tempoh dua (2) tahun (2021-2023) berkuatkuasa 10 Mei 2021
2. Resource Person for WHC711 ARCHITECTURE & HISTORIC BUILDING TECHNOLOGY 2023
3. Resource Person for HCM721 HISTORY & THEORY OF ARCHITECTURE, 1 March 2020 – 28 Feb 2022
4. **Koordinator Program Master of Science Heritage and Conservation Management (AP777)**, Pusat Pengajian Siswazah, Fakulti Senibina, Perancangan & Ukur, Universiti Teknologi MARA (UiTM), Shah Alam (1 Mac 2016-28 Februari 2018)

5. **Ketua Program, Pusat Pengajian Senibina**, Fakulti Senibina, Perancangan & Ukur, Universiti Teknologi MARA (UiTM), Shah Alam (2003)
6. Resource Person for AAR504 ARCHITECTURAL SCIENCE I, 3 September 2019 – 2 September 2021
7. Committee, Unit Korporat dan Komunikasi (UKK) FSPU, 2020 – 2021
8. Committee, Buku FSPU LIMA DEKAD, UiTM, 2021
9. Studio Leader ARK700 (ADVANCED DESIGN I), 2021
10. Studio Leader ARK800 & ARK850 (DESIG THESIS I & DESIGN THESIS II), 2019 – 2020
11. Studio Leader AAR680 (DESIGN 6) 2022
12. Studio Leader AAA700 (ADVANCED DESIGN 1) 2023

Work and Collaboration Experience

1. Kolaborasi dan kerjasama Bidang Senibina, Kolej Pengajian Alam Bina dengan Universitas Andalas, Sumatera Barat, Indonesia 2024
2. Collaboration with Pertubuhan Arkitek Malaysia (PAM) for the opening ceremony of Kula Lumpur Architectural Festival 2023
3. Memorandum Perjanjian Kajian Penyelidikan Pelan Pembangunan Pesisir Pantai Terengganu Bagi Pelan Induk Terengganu Sejahtera (PITAS) 2030 di antara CENTRE OF EXCELLENCE, PELAN INDUK TERENGGANU SEJAHTERA 2030 TERENGGANU STRATEGIC & INTEGRITY INSTITUTE (CoE-PITAS) and Universiti Teknologi MARA
4. FSPU Representative, 2019, Collaboration Between Universiti Teknologi MARA & Universitas Bung Hatta - Joint Study, Academic visits, and Talk on Heritage & Sustainable Architecture
5. Co-Advisor, 21 August 2004, Architecture Forum – Emerging Challenges: Towards A Holistic Realization jointly organized by UTM and UiTM in collaboration with LAM and KALAM, Intekma Resort & Convention Centre
6. Co-Chairman, 'An Islamic Discourse on Mosque Architecture: A Preparatory Workshop for The International Conference on Mosque Architecture', jointly organized by ITM, UM and IKIM, 24th May 1997

Awards & Recognitions

1. **ANUGERAH PERKHIDMATAN CEMERLANG UiTM (APC 2013)** diterima dari Naib Canselor Sahol Hamid Abu Bakar, No. Rujukan 500-BPD (BPPPK. 13/5), 22 September 2014.
2. **BEST PAPER AWARD** 6th International Conference on Research Methodology for Built Environment and Engineering 2023 (ICRMBEE2023) Theme: 'Architecture and Design' Paper Title: "Classifying Dichotomies of the Language and Grammar of Traditional Malay and Classical Malay Architecture" (Joint paper with Tengku Anis Qariah bt Raja Abdul Kadir, Puteri Shireen Jahn Kassim and Yahaya Ahmad) 28th February – 2nd Mac 2023 at King Mongkut Institute of Technology Ladkrabang, Bangkok, Thailand
3. **BEST PAPER AWARD** 1st Bachok International Architecture & Ekistics Symposium 2022 (BIAeS2022) Theme: 'Globalization and Local Wisdom: The Future is Now' Paper Title: "Analysis of Physical Characteristics from The Perspective of Architectural Features in the Former Tin Mining Towns in Lembah Kinta, Perak Towards Formulating Conservation Strategies" (Joint paper with Mohd Rifzal Shariff, Faisal Alias & Norhaslina Jaafar) 11-12 October 2022
4. **GOLD AWARD** at International Conference on Regional Architecture & Built Environment (seniBINA 2022) Paper Title: "Analysis of Legibility Factor at Former Tin Mining Towns in Lembah Kinta, Perak Towards Formulating Urban Conservation Strategies" (Joint paper with Mohd Rifzal Mohd Shariff, Faisal Alias and Norhaslina Jaafar) 2 & 3 November 2022, Universiti Kebangsaan Malaysia

5. **Appreciation** Certificate from POLITEKNIK SULTAN IDRIS SHAH for being the Guest Speaker in Virtual Pre-Portfolio Exhibition ARCHITHESES Session 1 2022/2023 on 02-03 November 2022
6. **Appreciation** for Attending the Final Architectural Design Crit for Second Year Architectural Students ARC3014 at Faculty of Design and Architecture, UNIVERSITI PUTRA MALAYSIA 8 July 2021
7. **FIRST PRIZE AWARD** for Selangor Maritime Gateway (SMG) Design Idea Competition, October 2019, (Role: Studio Leader)
8. **FIRST PRIZE AWARD** for Green ARC: Affordable Residential Challenge – Urban Social Housing 2010 jointly organized by Alliance Francaise Kuala Lumpur, Goethe Institute Malaysia & The New Straits Times, 2010 (Role: Studio Leader)

Contribution to Society

1. Design & Technical Advisor for Surau Al-Huda/ Madrasah Al-Quran, Kampung Alor Pak Bang, Marang Terengganu
2. Ahli seumur hidup Alumni Malay All Boys Association (MCOBA)
3. Ahli Jawatankuasa Persembahan untuk program **ARCHIFITRI** SOA 2024
4. Ahli Jawatankuasa Persembahan **PALAM BINA Design Week** JALAN KEMBALI GALA DINNER, Dewan Berlian, 4 Nov 2023
5. Ahli Jawatankuasa Persembahan **PAM 100 Years GALA DINNER** Majestic Hotel, 21 Oktober 2023
6. Ahli Jawatankuasa Persembahan Majlis Persaraan Ar Mohd Al-Jeffri bin Husin dan Haji Wan Zulkifali bin Wan Mohd, 10 Oktober 2023
7. Ahli Jawatankuasa Persembahan **PAM 100 YEARS** Shangri-La Kuala Lumpur 27 Mei 2023
8. Ahli Jawatankuasa Persembahan untuk program **ARCHIFITRI LEBARAN** 18 Mei 2023
9. Ahli Jawatankuasa Persembahan untuk pembukaan **KUALA LUMPUR ARCHITECTURAL FESTIVAL** 8 Januari 2023
10. Ahli Jawatankuasa Persembahan **ARCHIFEST CSERU-1** 17 Oktober 2022
11. Ahli Jawatankuasa Persembahan untuk **X012 Concert, OBW 2022 Back Home at Last** 13 August, Hargreaves Hall, MCKK Kuala Kangsar 2022
12. Ahli Jawatankuasa Persembahan untuk **Forty-Four Years of Brotherhood CROTALVS 7882 Grand Dinner** di lokasi Denai Sepu10h, Johor Bahru 26-28 August 2022
13. Ahli Jawatankuasa Persembahan Pentas untuk **MCOBA Annual Dinner 2022** at Bank Rakyat Convention Centre, Kuala Lumpur 3 December 2022
14. **Ahli Persatuan Pemuzik Tempatan Selangor (PPTS)** MUSICIAN for MUSICIANS FB LIVE CENTRESTAGE, , Active Member 2020-2021, Host online Music Performances to collect fund and support jobless Musicians over the Covid-19 pandemic period.
15. MCOBA ANNUAL DINNER 2019 at Hotel Istana Kuala Lumpur, Royal Guest DYMM PADUKA SERI SULTAN PERAK, Malay College Old Boys Association (MCOBA), Committee, 2019, Role: Band Leader for Stage Performance.
16. **MALAM AMAL WARDATUL JANNAH**, Dewan Perdana FELDA, Event Manager, 2019, Role: Band Leader for Stage Performance, Achievement: The event raised a collection of RM200,000.00 for the Orphanage Centre.

Other Activities

1. **Panel Kritik Profesional Dalam** Studio Nuansa, Kolej Pengajian Alam Bina, UiTM Kampus Puncak Alam, (Rujukan: 500-UiTMSEL (KAB.PT.23/4/3/2) 12 Februari 2025
2. **Ahli Jawatankuasa Penasihat Kurikulum** bagi Semakan dan Penilaian Kurikulum Ijazah Sarjana Muda Teknologi Senibina (BAT), Jabatan Pendidikan Politeknik dan Kolej Komuniti, Kementerian Pendidikan Tinggi, (Rujukan: JPPKK.BK.600/5/1//3 Jld.11 (19) 15 Februari 2024
3. Perlantikan sebagai **Jawatankuasa Jemputan dan Penilai** bagi International Postgraduate Conference of Heritage Conservation and Sustainable Management (IPCHCSM2024) Universiti Teknologi MARA, 7 Februari 2024
4. Moderator for Post-Graduate Seminar on Traditional Malaysian Built Forms 8 Feb 2023
5. Moderator for Online Seminar on Western Architecture 21 December 2022
6. Interview Session for AP773 Intake 19 February 2022
7. Moderator for Post-Graduate Seminar WHC711 Architecture & Historic Building Technology 30 July 2022
8. Moderator for Post-Graduate Seminar Great Masters: An Appraisal 11 June 2022
9. Moderator for Post-Graduate Seminar #02 17 February 2022
10. Moderator for Post-Graduate Seminar #01 30 Nov 2021
11. Co-Paper Presenter in **International Conference on the Built Environment and Engineering (IConBEE2021)** Theme: 'Driving Construction & Environment Excellence', Paper 1 entitled: "The Inventory of Heritage Assets in Kuala Kangsar" (joint paper with Nor Mazlan Mohd Yunus and Dr Shahrul Yani Said) 1 April 2021
12. Co-Paper Presenter in **International Conference on the Built Environment and Engineering (IConBEE2021)** Theme: 'Driving Construction & Environment Excellence', Paper 2 entitled: "Cultural Mapping and Heritage Trail in Kuala Kangsar" (joint paper with Nor Mazlan Mohd Yunus and Dr Shahrul Yani Said) 1 April 2021
13. **Guest Speaker for Heritage Talk:** "Penerapan Elemen Senibina Melayu Di Dalam Perbandaran Moden" organized by Pusat Pengajian Perancangan Bandar dan Urbanisasi, Institut Latihan Perumahan dan Kerajaan Tempatan, 16 Feb 2021
14. **Speaker at Simposium Kerajaan Tempatan Peringkat Kebangsaan** – Ke Arah Pemerkasaan Pemuliharaan Bangunan Usang Sebagai Asset PBT, Dewan Kristal, Kementerian Perumahan dan Kerajaan Tempatan Putrajaya, 12 & 13 Nov 2019
15. IUKL - Infrastructure University, Kuala Lumpur March 2020, External Examiner to review architecture program, students' work, and syllabus (2nd visit)
16. IUKL - Infrastructure University, Kuala Lumpur March 2019, External Examiner to review architecture program, students' work, and syllabus (1st visit)
17. Participated in **INTERNATIONAL PARTNERS LECTURE SERIES** "Resilient Living In The Post-Pandemic City: Towards Fine-Grained Parallelism In Architecture & Urbanism" by Assoc Prof Dr Kyung Wook Seo on 27 January 2021 organized by Department of International Affairs (DIA), UiTM Global.